

**Fișa privind standardele minimale pe domenii ale Universității din București
pentru ABILITARE, domeniul FIZICĂ**

(cf Anexei 2)

**Îndeplinirea standardelor minimale obligatorii stabilite de comisia Fizică din
cadrul CNATDCU;
Mihaela CAIAN**

Nr.	Criterii minimale conform ORDIN nr. 6129 din 20 decembrie 2016 ABILITARE	Punctaj Realizat
1	$A \geq 2$	A=22.243
2	$I \geq 4$	I=6.595
3	$P \geq 4$	P=6.404
4	$C \geq 40$	C=71.052
5	Indice Hirsch h (ISI WEB OF SCIENCE) ≥ 10	h=12
6	$T \geq 12$	T=34.220
	$T = A+(P/2)+(I/2)+(C/20)+(h/5)$	TOTAL: T=34.220

**Data
17 iunie, 2023**

**Semnătura,
CS1 Mihaela Caian**



1. Activitate didactică și profesională (CRITERIUL A)

Nr.	Tipul activităților	Indicatori	Punctaj realizat
1	Cărți în edituri internaționale recunoscute Web of Science in calitate de autor	$A_1 = \Sigma 4/ni_{eff}$	0
2	Capitole de cărți în edituri internaționale recunoscute Web of Science în calitate de autor/Review-uri în reviste cotate ISI	$A_2 = \Sigma 1/ni_{eff}$	0.094
2.1	“Environmental Tracking for Public Health Surveillance”. ISPRS Book Series. @ 2013 Taylor and Francis Group , London, ISBN 978-0-415-58471-5, CRC Press. Ed A Budge, Earth data Analysis Centre, University of New Mexico, USA,. Cap10 : “Information and decision support systems” pg.365-410. Autori: W. Hudspeth, WK Reisen, CM Baker, K. Kramer, M. Caian , V. Craciunescu, HE Brown, AC Comrie, A Zelicoff, TG Ward, RM Ragain, G Simpson, W Stanhope, TA Kass-Hout, A Scharl, AI Sonricker, JS Brownstein (Taylor and Francis, editura cf. CNSCIS: https://uefiscdi.gov.ro/scientometrie-edituri)	$1/ [(17+15)/3]$ =0.065	0.094
3	Cărți în edituri internaționale recunoscute Web of Science in calitate de editor	$A_3 = \Sigma 0.5/ni_{eff}$	0
4	Cărți, manuale, îndrumare de laborator în edituri naționale sau alte edituri internaționale ca autor, note interne, prezentări susținute pt aprobarea analizelor de date în cadrul colaborărilor mari	$A_4 = \Sigma 0.5/ni_{eff}$	1.596
carti publicate			
4.1	Variabilitatea și schimbarea climei în România. Busuioc Aristita, Caian Mihaela , ChevalSorin, Bojariu Roxana, Boroneant Constanta, Baci Madalina, Dumitrescu Alexandru. <i>Editura Pro Universitaria</i> ISBN: 978-973-129-549-7	$0.5/ [(7+5)/2]$ =0.071	0.083
4.2	Secretele aerosolului atmosferic în lumina laserilor”, <i>Editura Ars Docendi</i> . Universitatea din Bucuresti, 2008, Sabina Ștefan, Doina Nicolae, Mihaela Caian , 2008, pg: 354. ISBN: 978-973-558-357-6. Ctegoria: FizicaPagini: 354, Format: B5 (182 x 257 mm); ISBN: 978-973-558-357-6, Categoria: Fizică.	$0.5/3=0.166$	0.166
4.3	Remote Sensing Techniques and Mathematics Modeling for Forest Vegetation Condition Evaluation and Forecasting / Tehnici de Teledeteție și Modelare Matematică pentru Evaluarea și Predicția Stării Vegetației Forestiere”. Zoran, Maria, Caian, Mihaela , Gancz, V. - <i>Editura</i>	$0.5/3=0.166$	0.166

	<i>Conspress – Universitatea Tehnica de Constructii Bucuresti, 2008, ISBN 978-973-100-033-6</i>		
note interne selectate: suport analize date (4.4-4.7) ; prelucrari date (4.8) , evaluari date (4.9-4.10)			
4.4	UGAMP Newsletter, 27 Oct. 2003: Ocean feedback on wave propagation during post-volcanic eruption winters M. Caian , J.D. Haigh, Imperial College, London: http://www.met.reading.ac.uk/~sws05agt/pubs/newsletter27.pdf , UK	0.5/2=0.25	0.250
4.5	UGAMP Newsletter, 27 Oct. 2003. Eddy activity in the presence of stratospheric aerosol. M. Caian , J.D. Haigh, Imperial College, London, http://www.met.reading.ac.uk/~sws05agt/pubs/newsletter27.pdf , UK	0.5/2=0.25	0.250
4.6	Aladin Newsletter No. 27. Dec. 2004. Romania report., D. Banciu, V. Ivanovoici, C. Soci, S. Stefanescu, M. Caian , R Radu. (pg. 61-66) https://www.umr-cnrm.fr/aladin/IMG/pdf/NL27_2PAPER.pdf	0.5/ [(6+5)/2]= 0.022	0.090
4.7	Aladin model Newsletter No. 36. 2009. Romania report 2009. D. Banciu, M. Caian (pg. 13-15) https://www.umr-cnrm.fr/aladin/IMG/pdf/FULL.pdf	0.5/2=0.25	0.250
4.8	Aladin Model Newsletter, 2000. Ozone profile fitted to Bucharest measured data. Rada C., A. Sima and M. Caian , 2000: ALADIN Newsletter 18, 51-57, France. https://www.umr-cnrm.fr/aladin-old/newsletters/news18/caian.html	0.5/3=0.166	0.166
4.9	The spectral limited area model ARPEGE/ALADIN. Radnoti G, A. Ajaji, R. Bubnova, M. Caian , E. Cordoneanu, K Emde, JD Grill, J Hoffman, A. Horanyi, S Issara, V Ivanovici, M Janousek, A. Joly, P Lemoigne, S Malardel. PWPR Report Series, No.7, WMO/TD no. 699, pp.111-118. https://www.umr-cnrm.fr/aladin/IMG/pdf/RADNOTI-pdf - Adobe Acrobat Professional.pdf	0.5/ [(15+5)/2] =0.05	0.050
4.10	Application and Verification of ECMWF Products 2021 – Romania. Gabriela Băncilă, Cristian Crăciun, Mihaela Neacsu, Mihaela Caian . Green Boock 2021, Chapter, https://www.ecmwf.int/en/elibrary/81256-application-and-verification-ecmwf-products-2021-romania	0.5/4=0.125	0.125
5	Capitole de cărți în edituri naționale sau alte edituri internaționale ca autor	A₅ = Σ 0.2/ni_eff	0
6	Lucrări în extenso (cel puțin 3 pagini) publicate în Proceedings-uri indexate ISI	A₆ = Σ 0.2/ni_eff	0.094
6.1	Caian, M. , Radu, C., Bandoc, G. (2021) Changes in Breeze Warmest Summers for the Romanian Black Sea Coast in Climate Scenarios for the Time Horizon 2050. 2021 "Air and Water – Components of the Environment" Conference Proceedings, Cluj-Napoca, Romania, p. 149-158 , DOI: 10.24193/AWC2021_14. (10 pg) . Air and Water- components of the Environment, Martie	0.2/3=0.066	0.066

	2021. Conference Proceedings Cluj-Napoca, Martie 2021, ISSN: 2067-743X		
6.2	Savin E, Mihailescu D, Oancea S, Diamandi A., Caian M , Nertan , Poenaru V. INTEGRATED SYSTEM OF EARLY WARNING, MONITORING AND DROUGHT RISK ANALYSIS FOR ROMANIA. CORE SPATIAL DATABASES - UPDATING, MAINTENANCE AND SERVICES - FROM THEORY TO PRACTICE. Book Series International Archives of the Photogrammetry Remote Sensing and Spatial Information Science Volum 38-4-8 Issue 2 Page 108-113 (web-of-science)	0.2/7=0.028	0.028
7	Brevete de invenție internaționale acordate	A_7 = $\Sigma 3/n_{i_eff}$	0
8	Brevete de invenție naționale acordate	A_8 = $\Sigma 0.5/n_{i_eff}$	0
9	Director/responsabil/coordonator pt programe de studii, programe de formare continua, proiecte educaționale și proiecte de infrastructură	A_9 = $\Sigma 0.5$	0
10	Director/responsabil/coordonator pt proiecte de cercetare	A_10	20.458
10.1	Proiect PRIMAVERA- H2020 (2015-2020) Processed-based climate simulations: Advances in high resolution modelling and European Climate Risk Assesemen. Buget ANM: 26.321 EUR Responsabil proiect pentru ANM: Mihaela Caian. https://www.primavera-h2020.eu/	0.263	0.263
10.2	Proiect Air-Aware - LIFE (2016-2019) Air Pollution Impact Surveillance and Warning System for Urban Environment budget. LIFE05 ENV/RO/000106. Buget Total 1,113,477.00 EUR (UE contrib:460,239 EUR); Director Proiect : Mihaela Caian. https://webgate.ec.europa.eu/life/publicWebsite/index.cfm?fuseaction=search.dspPage&n_proj_id=2818	1,113,477.00/100,000= 11.134	11.134
10.3	Proiect Air-for-All - LIFE (2001-2005) Air Pollution Forecasting, Alert and Monitoring System on Short Time Scale, at local and regional scale, in unfavourable meteorologicaland topographic conditions (AIR quality FORecast and ALarming system onpollution Levels – AIRFORALL) LIFE00 ENV/RO/000987. Budget Total : 461,555.00 EUR (UE contrib: 201,277 EUR) Director Proiect Mihaela Caian. https://webgate.ec.europa.eu/life/publicWebsite/project/details/1799	461,555.00/100,000= 4.615	4.615
10.4	Proiect PREPCLIM „ Sistem pentru identificarea ideotipurilor de prumb, date de semanat optime și fertilizare cu azot în contextul schimbarilor climatice” PN-III-P2-2.1-PED-2019-5302. Buget Total:	(33,5750 / 4.8371) /100,000=0.694	0.694

	693000 RON ~ 140.000 EUR ; buget ANM: 335750 RON ~ 67.580 EUR. Responsabil Proiect pentru ANM: Mihaela Caian	https://www.cursbnr.ro/curs-valutar-mediu 2020	
10.5	Proiect EU LIFE „ASSURE” – Director Proiect „A pilot study for urban Environment Impact Assessment în relation with Urban Planned Land Use, using open-GIS technology and pollution level estimation procedures – ASSURE (Assesment System for Urban Environment”) (1999-2002).LIFE99 ENV/RO/006746, BUGET TOTAL: 354,189.96€ . PARTENERI: METEO FRANCE (FR), BAIA MARE ENVIRONMENTAL PROTECTION AGENCY (RO), BAIA MARE CITY HALL (PRIMARIA MUNICIPIULUI BAIA MARE), (RO) ; Director Proiect: Mihaela Caian (Project manager) http://lifeprogram.ro/a-pilot-system-for-urban-environmental-impact-assessment-in-relation-with-urban-planning-useusing-a-open-gis-technology-and-pollution-level-estimation-procedures-assure-life99-env-ro-006746-2/	354,189.96 / 100,000 = 3.541	3.541
10.6	Proiect FORMEPI (2005-2008): MODELE SPECTRALE PENTRU EVALUAREA SI PREDICTIA IMPACTULUI POLUANTILOR SI SCHIMBARILOR CLIMATICE ASUPRA FONDULUI FORESTIER (contract CEE-CERES D11-51/2005), budget Total : 1,390,000.0 RON~280.000 EUR ; buget ANM: ~ 50.000 . Responsabil Proiect pentru ANM: Mihaela Caian https://formepi.inoe.ro/ro/parteneri.php	(50,000/ 3.6234) / 100,000=0.137 https://www.cursbnr.ro/curs-valutar-mediu 2005	0.137
10.7	Proiect MOSATCLIM - PNII (2007-2010) MONITORING AND PREDICTIVE ASSESSMENT OF THE CLIMATIC CHANGES FEEDBACKS IMPACT ON LANDUSE/LANDCOVER BY SATELLITE AND BIOGEOPHYSICS IN SITU DATA. (contract PN II 31-009/ 2007) budget Total : 482,500.00 RON~97200 EUR ; buget ANM: ~ 25.000 . Responsabil Proiect pentru ANM: Mihaela Caian https://mostaclim.inoe.ro/en/partners.php	(25,000/ 3.3372) / 100,000=0.074 https://www.cursbnr.ro/curs-valutar-mediu 2007	0.074
	Total Realizat	A=	22.243
	Abilitare	Minim	2

Criteria minime pentru activitatea didactica si profesionala conform ORDIN nr. 6129 din 20 decembrie 2016

2. Activitatea de cercetare (I, P) și 3. Recunoașterea impactului activității

Fisa de verificare a îndeplinirii standardelor minime pentru indicatorii I, P și C											
Nr. articol	Autori	Titlu	Jurnal (Vol, pg, an)	Factor de Impact	Prim autor	a_i (AIS)	P (AIS)	Nr autori (n)	Nr efectiv autori (n_ef)	I (a_i/n_ef)	C (c_i/n_ef)
1	Mihaela Caian , T Koenigk, R Döscher, A Devasthale	An interannual link between Arctic sea-ice cover and the North Atlantic Oscillation	Climate dynamics 50, 423-441, 2018	7.327	*	1.828	1.828	4	4	0.457	4.0
2	Mihaela Caian , J-F Geleyn	Some limits to the variable-mesh solution and comparison with the nested-lam solution.	Quarterly Journal of the Royal Meteorological Society 123 (539), 743-766. 1997	7.237	*	2.400	2.400	2	2	1.2	11.0
3	Mihaela Caian , RP Mic, C Corbus, CV Angearu, M Matreata	Extreme flood modeling and mechanism over Crisul Alb basin in Romania.	Catena 196, DOI:10.1016/j.catena.2020.104923. 104923. 2020		*	0.995	0.995	5	5	0.199	0.600
4	Mihaela Caian , F Georgescu, M: Pietrisi, O Catrina.	Recent changes in storm track over the Southeast Europe: a mechanism for changes in extreme cyclone variability	Atmosphere 12 (10), 1362. https://doi.org/10.3390/atmos12101362 . 2021		*	0.626	0.626	4	4	0.156	0.500
5	Mihaela Caian , MD Andrei.	Late-Spring severe blizzard events over eastern Romania: A conceptual model of	Atmosphere, 10(12), 770; https://doi.org/10.3390/atmos10120770 . 2019		*	0.555	0.555	2	2	0.277	1.0

		development									
6	D.M Smith, A.Scaife, G. J. Boer, Mihaela Caian , F.J. Doblas-Reyes, V.Guemas, Ed. Hawkins, W Hazeleger, etal.	Real-time multi-model decadal climate predictions	Climate dynamics 41, 2875-2888. 132. 2013 https://doi.org/10.1007/s00382-012-1600-0			2.492		22	12.333	0.202	2.594
7	W Hazeleger, V Guemas, B Wouters, S Corti, I Andreu–Burillo, F-J Doblal Reyes, K, Wyser, Mihaela Caian .	Multiyear climate predictions using two initialization strategies.	Geophysical Research Letters 40 (9), 1794-1798. 2013			1.939		8	6.500	0.298	10.153
8	T Koenigk, Mihaela Caian , G Nikulin, S.Schimanke	Regional Arctic sea ice variations as predictor for winter climate conditions	Climate Dynamics 46, 317-337. 2016			1.958		4	4	0.489	13.750
9	A Bellucci, R Haarsma, S Gualdi, PJ Athanasiadis, M Caian , C Cassou, al.	An assessment of a multi-model ensemble of decadal climate predictions	Climate Dynamics 44, 2787-2806. 2015			2.179		19	11.333	0.192	4.411
10	NP Klingaman, SJ Woolnough, X Jiang, D Waliser, PK Xavier, J Petch, al. Mihaela Caian , Cecile Hannay, al.	Vertical structure and physical processes of the Madden-Julian oscillation: Linking hindcast fidelity to simulated diabatic heating and moistening	Journal of Geophysical Research: Atmospheres 120 (10), 4690-4717. 2015			1.393		22	12.333	0.112	3.567
11	DM Smith, AA Scaife, E Hawkins, R Bilbao, GJ Boer, M Caian ,	Predicted chance that global warming will temporarily exceed 1.5	Geophysical Research Letters 45 (21), 11,895-11,903. 2018			2.146		33	16.0	0.134	1.375

	LP Caron, al.	C									
12	F Couvreur, R Roehrig, C Rio, MP Lefebvre, M Caian , T Komori,al.	Representation of daytime moist convection over the semi-arid Tropics by parametrizations used in climate and meteorological models.	Quarterly Journal of the Royal Meteorological Society 141 (691), 2220-2236. 2015			2.413		12	8.5	0.283	2.352
13	PK Xavier, JC Petch, NP Klingaman, SJ Woolnough, X Jiang, D.E Waliser, Mihaela Caian , Jason Cole, et al.	Vertical structure and physical processes of the Madden-Julian Oscillation: Biases and uncertainties at short range	Journal of Geophysical Research: Atmospheres 120 (10), 4749-4763. 2015			1.393		17	10.666	0.130	1.968
14	T Koenigk, C König Beatty, M Caian , R Döscher, K Wyser	Potential decadal predictability and its sensitivity to sea ice albedo parameterization in a global coupled model.	Climate dynamics 38, 2389-2408. 2012_			2.292		5	5	0.458	3.600
15	S Leroux, G Bellon, R Roehrig, M Caian , NP Klingaman, JP Lafore, al.	Inter-model comparison of subseasonal tropical variability in aquaplanet experiments: Effect of a warm pool	Journal of Advances in Modeling Earth Systems 8 (4), 1526-1551. 2016			2.896		9	7	0.413	1.714
16	Belda M., P. Skalák, A Farda, T Halenka, M Déqué, G Csima, J Bartholy, C. Torma, C. Boroneant C., M	CECILIA regional climate simulations for future climate: analysis of climate change signal	Advances in Meteorology 2015, 1-13. 2015			0.496		11	8	0.062	1.250

	Caian, V. Spiridonov										
17	A Devasthale, M Tjernström, M Caian , MA Thomas, BH Kahn, EJ Fetzer	Influence of the Arctic Oscillation on the vertical distribution of clouds as observed by the A-Train constellation of satellites	Atmospheric Chemistry and Physics 12 (21), 10535-10544. 2012			1.86		6	5.5	0.338	2.727
18	F Georgescu, S Tascu, M Caian , D Banciu	A severe blizzard event in Romania—a case study	Natural Hazards and Earth System Sciences 9 (2), 623-634. 2009			0.534		4	4	0.133	2.250
19	GM Martin, P Peyrillé, R Roehrig, C Rio, M Caian , G Bellon, F Codron, et al.	Understanding the West African Monsoon from the analysis of diabatic heating distributions as simulated by climate models	Journal of Advances in Modeling Earth Systems 9 (1), 239-270. 2017			2.202		10	7.5	0.293	1.066
20	Skalák P, M Déqué, M Belda, A Farda, T Halenka, G Csima, J Bartholy, M. Caian , V. Spiridonov.	CECILIA regional climate simulations for the present climate: validation and inter-comparison	Climate research 60 (1), 1-12. 2014			1.229		9	7	0.175	0.714
21	Chadwick R, GM Martin, D Copsey, G Bellon, M Caian , F Codron, C Rio, et al.	Examining the West African Monsoon circulation response to atmospheric heating in a GCM dynamical core.	Journal of Advances in Modeling Earth Systems 9 (1), 149-167. 2016			2.896		8	6.5	0.445	0.461
22	C Cardinali, M Caian , J Pailleux, N	An intercomparison between a global	Meteorology and Atmospheric Physics 65			0.5		7	6	0.083	0.

	Tartaglione, A Buzzi, A Lavagnini, C Transerici.	variable mesh and two limited area models on a case of rapid cyclogenesis	(1-2), 93-111. 1998 https://doi.org/10.1007/ BF0103027									
23	C Stan, S Stefan, M Caian	The structure of stationary planetary waves in winter.	Romanian Journal of Physics 47 (7/8), (795-808) 2002			0.2		3	3	0.066	0.	
										P=	I=	C=
										6.404	6.595	71.052
										Minim:	Minim:	Minim:
										4	4	40.0

Criterii minime pentru Activitatea de cercetare si Recunoasterea impactului activitatii, conform ORDIN nr. 6129 din 20 decembrie 2016

Data,
17 iunie, 2023

Semnătura,
CS1 Mihaela CAIAN

ANEXA: DETALIEREA CITARILOR IN reviste științifice cu factor de impact sau cărți (Web of Science) – C

EXTRASE DIN WEB-OF_SCIENCE Citari (fara autocitari)

**ANEXA LA: “Fișa privind standardele minimale pe domenii ale Universității din Bucuresti pentru ABILITARE, domeniul FIZICĂ (cf Anexei 2):
Îndeplinirea standardelor minimale obligatorii stabilite de comisia Fizică dincadrul CNATDCU”**

Mihaela CAIAN

Lista Citărilor în reviste științifice cu factor de impact sau cărți (Web of Science) – C				
Specificare Citari (fara autocitari) conform web-of-science				
Nr. articol	Autori	Titlul lucrării	Referinta bibliografica	Anul / nr. Ce citari
1	Mihaela Caian , T Koenigk, R Döscher, A Devasthale	An interannual link between Arctic sea-ice cover and the North Atlantic Oscillation	Climate dynamics 50, 423-441, 2018	2018 / 16 citari
nr. citari fara autocitari : 16 (din total: 16 web-of-science)				
1.1	Yang, J (Yang, Jing) ; Li, SY (Li, Siyu) ; Zhu, T (Zhu, Tao) ; Qi, X (Qi, Xin) ; Liu, JP (Liu, Jiping) ; Kim, SJ (Kim, Seong-Joong) ; Gong, DY (Gong, Daoyi)ong, DY	Intraseasonal Melting of Northern Barents Sea Ice Forced by Circumpolar Clockwise-Propagating Atmospheric Waves during Early Summer	Journal of Climate, 35 (17) , pp.5703-5718	2022
1.2	Ferster, BS (Ferster, Brady S.) ; Simon, A (Simon, Amelie) ; Fedorov, A (Fedorov, Alexey) ; Mignot, J (Mignot, Juliette) ; Guilyardi, E (Guilyardi, Eric)	Slowdown and Recovery of the Atlantic Meridional Overturning Circulation and a Persistent North Atlantic Warming Hole Induced by Arctic Sea Ice Decline	Geophysical Research Letters, Vol. 46, issue 16, DOI10.1029/2022GL097967	2022
1.3	Shen, ZL (Shen, Zili) ; Duan, AM (Duan, Anmin) ; Li, DL (Li, Dongliang) ; Li, JX (Li, Jinxiao)	Quantifying the Contribution of Internal Atmospheric Drivers to Near-Term Projection Uncertainty in September Arctic Sea Ice	Journal of Climate, vol35, issue 11, Page3427-3443, DOI10.1175/JCLI-D-21-0579.1	2022
1.4	Zhang, TT (Zhang, Tuantuan) ; Tam, CY (Tam, Chi-Yung) ; Lau, NC (Lau, Ngar-Cheung) ; Wang, JB (Wang, Junbin) ; Yang, S (Yang, Song) ; Chen, JW (Chen, Junwen) ; Yu, W (Yu, Wei) ; Jiang, XW (Jiang, Xingwen) ; Gao, P (Gao, Peng)	Influences of the boreal winter Arctic Oscillation on the peak-summer compound heat waves over the Yangtze-Huaihe River basin: the North Atlantic capacitor effect	Climate Dynamics, Vol 59, Issue 7-8, pg: 2331-2343 DOI10.1007/s00382-022-06212-5	
1.5	Ferster, BS (Ferster, Brady S.) ; Fedorov, AV (Fedorov, Alexey V.) ; Mignot, J (Mignot, Juliette) ; Guilyardi, E (Guilyardi, Eric)	Sensitivity of the Atlantic meridional overturning circulation and climate to tropical Indian Ocean warming	Climate Dynamics Vol. 57, issue 9-10, pg. 2433-2451 DOI10.1007/s00382-021-05813-w	2021
1.6	Myslenkov, S (Myslenkov, Stanislav) ; Platonov, V (Platonov, Vladimir) ; Kislov, A	Thirty-Nine-Year Wave Hindcast, Storm Activity, and	Water . Vol. 13, issue 5,	2021

	(Kislov, Alexander) ; Silvestrova, K (Silvestrova, Ksenia) ; Medvedev, I (Medvedev, Igor)	Probability Analysis of Storm Waves in the Kara Sea, Russia	DOI10.3390/w13050648	
1.7	Osborne, JM (Osborne, Joe M.) ; Collins, M (Collins, Mat) ; Screen, JA (Screen, James A.) ; Thomson, SI (Thomson, Stephen, I) ; Dunstone, N (Dunstone, Nick)	The North Atlantic as a Driver of Summer Atmospheric Circulation	Journal of Climate Vol33, Issue 17, pg: 7335-7351 DOI10.1175/JCLI-D-19-0423.1	2021
1.8	Zhang, SY (Zhang, Shuyu) ; Gan, TY (Gan, Thian Yew) ; Bush, ABG (Bush, Andrew B. G.)	Variability of Arctic Sea Ice Based on Quantile Regression and the Teleconnection with Large-Scale Climate Patterns	Journal of Climate, Volume33 Issue10 Page4009-4025 DOI10.1175/JCLI-D-19-0375.1	2020
1.9	Reusen, J (Reusen, Jesse) ; Linden, ED (van der Linden, Eveline) ; Bintanja, R (Bintanja, Richard)	Differences between Arctic Interannual and Decadal Variability across Climate States	Journal of Climate, Vol.32, Issue 18, Pag 6035-6050 DOI 10.1175/JCLI-D-18-0672.1	2020
1.10	Kolstad, EW (Kolstad, E. W.) ; Screen, JA (Screen, J. A.)	Nonstationary Relationship Between Autumn Arctic Sea Ice and the Winter North Atlantic Oscillation	Gophysical Research letters, Vol.46, issue 13, pg: 7583-7591 DOI10.1029/2019GL083059	2019
1.11	Bonaduce, A (Bonaduce, Antonio) ; Staneva, J (Staneva, Joanna) ; Behrens, A (Behrens, Arno) ; Bidlot, JR (Bidlot, Jean-Raymond) ; Wilcke, RAI (Wilcke, Renate Anna Irma)	Wave Climate Change in the North Sea and Baltic Sea	Journal of Marine Science and Engineering , Vol 7, issue 6, DOI10.3390/jmse7060166	2019
1.12	Mohammed, K (Mohammed, Khaled) ; Islam, AKMS (Islam, A. K. M. Saiful) ; Islam, GMT (Islam, G. M. Tarekul) ; Alfieri, L (Alfieri, Lorenzo) ; Khan, MJU (Khan, Md. Jamal Uddin) ; Bala, SK (Bala, Sujit Kumar) ; Das, MK (Das, Mohan Kumar)	Future Floods in Bangladesh under 1.5 degrees C, 2 degrees C, and 4 degrees C Global Warming Scenarios	Journal of Hydrological Engineering, Vol. 23, issue 12, DOI10.1061/(ASCE)HE.1943- 5584.0001705	2018
1.13	Baker, LH (Baker, L. H.) ; Shaffrey, LC (Shaffrey, L. C.) ; Sutton, RT (Sutton, R. T.) ; Weisheimer, A (Weisheimer, A.) ; Scaife, AA (Scaife, A. A.)	An Intercomparison of Skill and Overconfidence/Underconfidence of the Wintertime North Atlantic Oscillation in Multimodel Seasonal Forecasts	Geophysical Research Letters, Vol. 45, Issue 15, pg. 7808-7817, DOI10.1029/2018GL078838	2018
1.14	Fazel-Rastgar, F	Canadian Arctic weather system configuration related to the recent sea ice decline and heatwave of summer 2019	Int. Journal of Global Warming, Vol. 22 Issue2, Page 196-210	2020
1.15	Huang, Y (Huang, Yu) ; Ren, HL (Ren, Hong-Li) ; Chadwick, R (Chadwick, Robin) ; Cheng, ZG (Cheng, Zhigang) ; Chen, QL (Chen, Quanliang)	Diagnosing Changes of Winter NAO in Response to Different Climate Forcings in a Set of Atmosphere-Only Timeslice Experiments	Atmosphere, Vol. 9, issue 1, DOI10.3390/atmos9010010	2018
1.16	Kokoszka, F (Kokoszka, Florian) ; Le Roux, B (Le Roux, Baptiste) ; Iudicone, D (Iudicone, Daniele) ; Conversano, F (Conversano, Fabio) ; d'Alcala, MR (d'Alcala, Maurizio Ribera)	Long-term variability of the coastal ocean stratification in the Gulf of Naples: Two decades of monitoring the marine ecosystem at the LTER-MC site, between land and open Mediterranean Sea	Marine Ecology-an Evolutionary perspective DOI10.1111/maec.12725	2022
2	Mihaela Caian, J-F Geleyn	Some limits to the variable-mesh solution and comparison with the nested-lam solution.	Quarterly Journal of the Royal Meteorological Society 123 (539), 743-766. 1997	1997 / 22 citari

nr. citari fara autocitari : 22 (din total: 22 web-of-science)

2.1	Maoyi, ML and Abiodun, BJ	Investigating the response of the Botswana High to El Niño Southern Oscillation using a variable resolution global climate model	Theoretical and Applied climatology, 147 (3-4) , pp.1601-1615	2022
2.2	Maoyi, ML (Maoyi, Molulaha L.) ; Abiodun, BJ (Abiodun, Babatunde J.) ; Prusa, JM (Prusa, Joseph M.) ; Veitch, JJ (Veitch, Jennifer J.)	Simulating the characteristics of tropical cyclones over the South West Indian Ocean using a Stretched-Grid Global Climate Model	Climate Dynamics, Vol.50, issue 5-6 . pg: 1581-1596 DOI10.1007/s00382-017-3706-x	2018
2.3	Uchida, J (Uchida, Junya) ; Mori, M (Mori, Masato) ; Hara, M (Hara, Masayuki) ; Satoh, M (Satoh, Masaki) ; Goto, D (Goto, Daisuke) ; Kataoka, T (Kataoka, Takahito) ; Suzuki, K (Suzuki, Kentaroh) ; Nakajima, T (Nakajima, Teruyuki)	Impact of Lateral Boundary Errors on the Simulation of Clouds with a Nonhydrostatic Regional Climate Model	Monthly Weather Review, Vol.145, issue 12,pg: 5059-5082 DOI10.1175/MWR-D-17-0158.1	2017
2.4	Bucanek, A and Brozkova, R	Background error covariances for a BlendVar assimilation system	TELLUS-Series A- Dynamic Meteorology and oceanography, vol 69, DOI 10.1080/16000870.2017.1355718	2017
2.5	Uchida, J (Uchida, Junya) ; Mori, M (Mori, Masato) ; Nakamura, H (Nakamura, Hisashi) ; Satoh, M (Satoh, Masaki) ; Suzuki, K (Suzuki, Kentaroh) ; Nakajima, T (Nakajima, Teruyuki)	Error and Energy Budget Analysis of a Nonhydrostatic Stretched-Grid Global Atmospheric Model	Monthly Weather Review, Vol. 144, issue 4, pg: 1423-1447 DOI10.1175/MWR-D-15-0271.1	2016
2.6	McGregor, JL (McGregor, John L.)	Recent developments in variable-resolution global climate modelling	Climatic Change, Vol. 129, issue 3-4, pg: 369-380 DOI10.1007/s10584-013-0866-5	2015
2.7	Zarzycki, CM (Zarzycki, Colin M.) ; Jablonowski, C (Jablonowski, Christiane) ; Thatcher, DR (Thatcher, Diana R.) ; Taylor, MA (Taylor, Mark A.)	Effects of Localized Grid Refinement on the General Circulation and Climatology in the Community Atmosphere Model	Journal of Climate, Vol 28, issue 7, pg: 2777-2803 DOI10.1175/JCLI-D-14-00599.1	2015
2.8	Salinger, MJ (Salinger, Michael James) ; Shrestha, ML (Shrestha, Madan Lall) ; Ailikun (Ailikun) ; Dong, WJ (Dong, Wenjie) ; McGregor, JL (McGregor, John L.) ; Wang, SY (Wang, Shuyu)	Climate in Asia and the Pacific: Climate Variability and Change	CLIMATE in Asia and the Pacific: Security, society and sustainability. Book SeriesAdvances in Global Change Research Volume56 Page17-57 DOI10.1007/978-94-007-7338-7_2	2014
2.9	Corney, S (Corney, Stuart) ; Grose, M (Grose, Michael) ; Bennett, JC (Bennett, James C.) ; White, C (White, Christopher) ; Katzfey, J (Katzfey, Jack) ; McGregor, J (McGregor, John) ; Holz, G (Holz, Greg) ; Bindoff, NL (Bindoff, Nathaniel L.)	Performance of downscaled regional climate simulations using a variable-resolution regional climate model: Tasmania as a test case	Journal of Geophysical Research- Atmospheres. Vol. 118, issue 21. pg: 11936-11950 DOI10.1002/2013JD020087	2014
2.10	Staniforth, A (Staniforth, Andrew) ; Thuburn, J (Thuburn, John)	Horizontal grids for global weather and climate prediction models: a review	QUARTERLY Journal of the Royal Meteorological Soc.	2012
2.11	Surcel, D (Surcel, Dorina) ; Laprise, R (Laprise, Rene)	A General Filter for Stretched-Grid Models: Application in Cartesian Geometry	MONTHLY Weather Review, Vol. 139, issue 5, pg: 1637-1653 DOI10.1175/2010MWR3531.1	2011
2.12	Tudor, M (Tudor, Martina) ; Termonia, P (Termonia, Piet)	Alternative Formulations for Incorporating Lateral Boundary Data into Limited-Area Models	MONTHLY Weather Review, Vol. 138, issue 7, pg: 2867-2882 DOI10.1175/2010MWR3179.1	2010

2.13	Bulic, IH	Limited area energy budget during a life cycle of Genoa cyclone (18-21 November 1999)	NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA Vol. 29, issue 2, DOI10.1393/ncc/i2005-10061-1, pg: 167-189 (20 refs)	2006
2.14	Wang, YQ (Wang, YQ) ; Leung, LR (Leung, LR) ; McGregor, JL (McGregor, JL) ; Lee, DK (Lee, DK) ; Wang, WC (Wang, WC) ; Ding, YH (Ding, YH) ; Kimura, F (Kimura, F)	Regional climate modeling: Progress, challenges, and prospects	Journal of the Meteorological Society of JAPAN, Vol. 82, issue 6, pg: 1599-1628 DOI10.2151/jmsj.82.1599	2004
2.15	Chome, F (Chome, F) ; Nicolis, C (Nicolis, C)	Dynamics, statistics and predictability of fine-scale and coarse-grained fields in a variable resolution system: a case study	CHAOS SOLITONS & FRACTALS Publisher name PERGAMON-ELSEVIER SCIENCE LTD, Vol. 13, Issue 5, pg:1063-1076 DOI10.1016/S0960-0779(01)00110-2	2002
2.16	Menendez, CG; Saulo, AC and Li, ZX	Simulation of South American wintertime climate with a nesting system	Climate Dynamics, 17 (2-3) , pp.219-231	2001
2.17	Lorant, V and Royer, JF	Sensitivity of equatorial convection to horizontal resolution in aquaplanet simulations with a variable-resolution GCM	Monthly Weather Review, 129 (11) , pp.2730-2745	2001
2.18	Cebon, P and Risbey, J	Four views of "regional" in regional environmental change	GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS Publisher name ELSEVIER SCI LTD, Vol 10, issue 3, pg: 211-220	2000
2.19	Ducrocq, V (Ducrocq, V) ; Lafore, JP (Lafore, JP) ; Redelsperger, JL (Redelsperger, JL) ; Orain, F (Orain, F)	Initialization of a fine-scale model for convective-system prediction: A case study	Quarterly Journal of the Royal Meteorological Society. Vol. 126, issue 570, pg: 3041-3065 PartB DOI10.1002/qj.49712657004	2000
2.20	Wang, MY; Paegle, J and DeSordi, SP	Global variable resolution simulations of Mississippi River basin rains of summer 1993	Journal of Geophysical Research-Atmospheres. Vol. 104, (D16), pg: 19399-19414	1999
2.21	Giorgi, F and Mearns, LO	Introduction to special section: Regional climate modeling revisited	Journal of Geophysical Research-Atmospheres. Vol. 104,(D6), pg: 6335-6352	1999
2.22	Cote, J (Cote, J) ; Gravel, S (Gravel, S) ; Methot, A (Methot, A) ; Patoine, A (Patoine, A) ; Roch, M (Roch, M) ; Staniforth, A (Staniforth, A)	The operational CMC-MRB Global Environmental Multiscale (GEM) model. Part I: Design considerations and formulation	Monthly Weather Review. Vol. 126. issue 6 , pg: 1373-1395 DOI10.1175/1520-0493(1998)126<1373:TOCMGE>2.0.CO;2	1998
3	Mihaela Caian , RP Mic, C Corbus, CV Angearu, M Matreata	Extreme flood modeling and mechanism over Crisul Alb basin in Romania.	Catena 196, DOI:10.1016/j.catena.2020.104923. 104923. 2020	2020 / 3 citari
nr. citari fara autocitari : 3 (din total: 3 web-of-science)				
3.1	Zhang, DH(Zhang, Dahong);Zhou, G (Zhou, Gang) ; Li, W (Li, Wen) ; Han, L (Han,	A robust glacial lake outburst susceptibility	Jan 2023 . Catena,	2023

	Lei); Zhang, SQ (Zhang, Shiqiang); Yao, XJ (Yao, Xiaojun); Duan, HY (Duan, Hongyu) View Web of Science ResearcherID and ORCID	assessment approach validated by GLOF event in 2020 in the Nidu Zangbo Basin, Tibetan Plateau	Vol. 220 Article Number106734 DOI10.1016/j.catena.2022.106734	
3.2	Lu, M (Lu, Miao); Yu, ZH (Yu, Zhihui); Hua, J (Hua, Jian); Kang, CX (Kang, Congxuan); Lin, ZX (Lin, Zhixin)	Spatial dependence of floods shaped by extreme rainfall under the influence of urbanization	Science of the total environment, Elsevier	2022
3.3	Nechita, C (Nechita, Constantin); ordache, AM (Iordache, Andreea Maria); Costinel, D (Costinel, Diana); Botoran, OR (Botoran, Oana Romina); Danila, G (Danila, Gabriel); Ionete, RE (Ionete, Roxana Elena); Varlam, M (Varlam, Mihai)	A Tree Ring Proxy Evaluation of Declining Causes in Pinus sylvestris L. and Pinus nigra JF Arnold in Northeastern Romania	Forests Vol 13, Issue 2 Article Number 336 DOI10.3390/f13020336	2022
4	Mihaela Caian , F Georgescu, M: Pietrisi, O Catrina.	Recent changes in storm track over the Southeast Europe: a mechanism for changes in extreme cyclone variability	Atmosphere 12 (10), 1362. https://doi.org/10.3390/atmos12101362 . 2021	2021 / 2 citari
nr. citari fara autocitari : 2 (din total: 2 web-of-science)				
4.1	Kokoszka, F; Le Roux, B; (...); d'Alcala, MR	Long-term variability of the coastal ocean stratification in the Gulf of Naples: Two decades of monitoring the marine ecosystem at the LTER-MC site, between land and open Mediterranean Sea	MARINE ECOLOGY-AN EVOLUTIONARY PERSPECTIVE, Ed. Wiley	2022
4.2	Maslova, V; Voskresenskaya, E; (...); Bardin, M	Winter cyclone regimes over the North Atlantic region	Theoretical and Applied Climatology,148 (3-4), pp.1689-1711	2022
5	Mihaela Caian , MD Andrei.	Late-Spring severe blizzard events over eastern Romania: A conceptual model of development	Atmosphere, 10(12), 770; https://doi.org/10.3390/atmos10120770 . 2019	2019 / 2 citari
nr. citari fara autocitari : 2 (din total: 3 web-of-science)				
5.1	Lupo, AR; Chernokulsky, AV; (...); Yi, CX	Special Issue: 10th Anniversary of Atmosphere: Climatology and Meteorology	Atmosphere, Vol 12, issue 6. Article Number 681. DOI 10.3390/atmos12060681	2021
5.2	Timpu, S; Sfica, L; (...); Birsan, MV	Tropospheric Dust and Associated Atmospheric Circulations over the Mediterranean Region with Focus on Romania's Territory	Atmosphere, Vol 11, issue 4. Article Number349 DOI10.3390/atmos11040349	2020
6	D.M Smith, A.Scaife, G. J. Boer, Mihaela Caian ,F.J. Doblas-Reyes,V.Guemas,Ed.Hawkins,W Hazeleger, etal.	Real-time multi-model decadal climate predictions	Climate dynamics 41, 2875-2888. 132. 2013	2013 / 32 citari

			https://doi.org/10.1007/s00382-012-1600-0	
nr. citari fara autocitari : 32 (din total: 33 web-of-science)				
6.1	Moulds, S (Moulds, S.); Slater, LJ (Slater, L. J.); Dunstone, NJ (Dunstone, N. J.); Smith, DM (Smith, D. M.)	Skillful Decadal Flood Prediction	Geophysical Research Letters, Vol.50, issue 3, DOI10.1029/2022GL100650	2023
6.2	Dunstone, N (Dunstone, Nick); Lockwood, J (Lockwood, Julia); Solaraju-Murali, B (Solaraju-Murali, Balakrishnan); Reinhardt, K (Reinhardt, Katja); Tsartsali, EE (Tsartsali, Eirini E.); Athanasiadis, PJ (Athanasiadis, Panos J.); Bellucci, A (Bellucci, Alessio); Brookshaw, A (Brookshaw, Anca); Caron, LP (Caron, Louis-Philippe); Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.); Fruh, B (Fruh, Barbara); Gonzalez-Reviriego, N (Gonzalez-Reviriego, Nube); Gualdi, S (Gualdi, Silvio); Hermanson, L (Hermanson, Leon); Materia, S (Materia, Stefano); Nicodemou, A (Nicodemou, Andria); Nicoli, D (Nicoli, Dario); Pankatz, K (Pankatz, Klaus); Paxian, A (Paxian, Andreas); Scaife, A (Scaife, Adam); Smith, D (Smith, Doug); Thornton, HE (Thornton, Hazel E.)	Towards Useful Decadal Climate Services	BAMS - Bulletin of the American Meteorological Society, Vol.103, issue 7, pp: E1705-E1719 DOI10.1175/BAMS-D-21-0190.1	2022
6.3	Gritsun, AS	Predictability of the low-frequency modes of the Arctic Ocean heat content variability: a perfect model approach	RUSSIAN Journal of Numerical Analysis and Mathematical Modelling, vol 37 (2), pp 99-109	2022
6.4	Hermanson, L (Hermanson, Leon); Smith, D (Smith, Doug); Seabrook, M (Seabrook, Melissa); Bilbao, R (Bilbao, Roberto); Doblas-Reyes, F (Doblas-Reyes, Francisco); Tourigny, E (Tourigny, Etienne); Lapin, V (Lapin, Vladimir); Kharin, VV (Kharin, Viatcheslav V.); Merryfield, WJ (Merryfield, William J.); Sospedra-Alfonso, R (Sospedra-Alfonso, Reinel); Athanasiadis, P (Athanasiadis, Panos); Nicoli, D (Nicoli, Dario); Gualdi, S (Gualdi, Silvio); Dunstone, N (Dunstone, Nick); Eade, R (Eade, Rosie); Scaife, A (Scaife, Adam); Collier, M (Collier, Mark); O'Kane, T (O'Kane, Terence); Kitsios, V (Kitsios, Vassili); Sandery, P (Sandery, Paul); Pankatz, K (Pankatz, Klaus); Fruh, B (Fruh, Barbara); Pohlmann, H (Pohlmann, Holger); Muller, W (Mueller, Wolfgang); Kataoka, T (Kataoka, Takahito); Tatebe, H (Tatebe, Hiroaki); Ishii, M (Ishii, Masayoshi); Imada, Y (Imada, Yukiko); Kruschke, T (Kruschke, Tim); Koenigk, T (Koenigk, Torben); Karami, MP (Karami, Mehdi Pasha); Yang, ST (Yang, Shuting); Tian, T (Tian, Tian); Zhang, LP (Zhang, Liping); Delworth, T (Delworth, Tom); Yang, XS (Yang, Xiaosong); Zeng, FR (Zeng, Fanrong); Wang, YG (Wang, Yiguo); Counillon, F (Counillon, Francois); Keenlyside, N (Keenlyside, Noel); Bethke, I (Bethke, Ingo); Lean, J (Lean, Judith); Luterbacher, J (Luterbacher, Juerg); Kolli, RK (Kolli, Rupa Kumar); Kumar, A (Kumar, Arun)	WMO Global Annual to Decadal Climate Update A Prediction for 2021-25	BAMS - Bulletin of the American Meteorological Society, Vol.103, issue 4, pp: E1117-E1129 DOI10.1175/BAMS-D-20-0311.1	2022
6.5	Scaife, AA (Scaife, Adam A.); Baldwin, MP (Baldwin, Mark P.); Butler, AH (Butler, Amy H.); Charlton-Perez, AJ (Charlton-Perez, Andrew J.); Domeisen, DIV (Domeisen, Daniela I., V); Garfinkel, CI (Garfinkel, Chaim, I); Hardiman, SC (Hardiman, Steven C.); Haynes, P (Haynes, Peter); Karpechko, AY (Karpechko, Alexey Yu); Lim, EP (Lim, Eun-Pa); Noguchi, S (Noguchi, Shunsuke); Perlwitz, J (Perlwitz, Judith); Polvani, L (Polvani, Lorenzo); Richter, JH (Richter, Jadwiga H.); Scinocca, J (Scinocca, John); Sigmond, M (Sigmond, Michael); Shepherd, TG (Shepherd, Theodore G.); Son, SW (Son, Seok-Woo); Thompson, DWJ (Thompson,	Long-range prediction and the stratosphere	Atmospheric Chemistry and Physics. Vol. 22, issue 4, pp: 2601-2623 DOI10.5194/acp-22-2601-2022	2022

	David W. J.)			
6.6	Yang, XS (Yang, Xiaosong) ; Delworth, TL (Delworth, Thomas L.) ; Zeng, FR (Zeng, Fanrong) ; Zhang, LP (Zhang, Liping) ; Cooke, WF (Cooke, William F.) ; Harrison, MJ (Harrison, Matthew J.) ; Rosati, A (Rosati, Anthony) ; Underwood, S (Underwood, Seth) ; Compo, GP (Compo, Gilbert P.) ; McColl, C (McColl, Chesley)	On the Development of GFDL's Decadal Prediction System: Initialization Approaches and Retrospective Forecast Assessment	Journal of Advances in Modelling Earth System Vol. 13, issue 11, Article Number e2021MS002529 DOI 10.1029/2021MS002529	2021
6.7	Done, JM (Done, James M.) ; Morss, RE (Morss, Rebecca E.) ; Lazrus, H (Lazrus, Heather) ; Towler, E (Towler, Erin) ; Tye, MR (Tye, Mari R.) ; Ge, M (Ge, Ming) ; Das, T (Das, Tapash) ; Munever, A (Munever, Armin) ; Hewitt, J (Hewitt, Joshua) ; Hoeting, JA (Hoeting, Jennifer A.)	Article Toward usable predictive climate information at decadal timescales	ONE EARTH. Vol. 4, issue 9, pp: 1297-1309 DOI10.1016/j.oneear.2021.08.013	2021
6.8	Wang, GY (Wang, Gaoyun) ; Zhuang, YZ (Zhuang, Yizhou) ; Fu, R (Fu, Rong) ; Zhao, SY (Zhao, Siyu) ; Wang, HQ (Wang, Hongqing)	Improving Seasonal Prediction of California Winter Precipitation Using Canonical Correlation Analysis	Journal of Geophysical Resarches-Atmospheres. Vol. 126, issue 17 , Article number: e2021JD034848 DOI10.1029/2021JD034848	2012
6.9	O'Kane, TJ (O'Kane, Terence J.) ; Sandery, PA (Sandery, Paul A.) ; Kitsios, V (Kitsios, Vassili) ; Sakov, P (Sakov, Pavel) ; Chamberlain, MA (Chamberlain, Matthew A.) ; Collier, MA (Collier, Mark A.) ; Fiedler, R (Fiedler, Russell) ; Moore, TS (Moore, Thomas S.) ; Chapman, CC (Chapman, Christopher C.) ; Sloyan, BM (Sloyan, Bernadette M.) ; Matear, RJ (Matear, Richard J.)	CAFE60v1: A 60-Year Large Ensemble Climate Reanalysis. Part I: System Design, Model Configuration, and Data Assimilation	Journal of Climate. Vol. 34, issue: 13, pp: 5153-5169 DOI10.1175/JCLI-D-20-0974.1	2021
6.10	Meehl, GA (Meehl, Gerald A.) ; Richter, JH (Richter, Jadwiga H.) ; Teng, HY (Teng, Haiyan) ; Capotondi, A (Capotondi, Antonietta) ; Cobb, K (Cobb, Kim) ; Doblaser, F (Doblaser, Francisco) ; Donat, MG (Donat, Markus G.) ; England, MH (England, Matthew H.) ; Fyfe, JC (Fyfe, John C.) ; Han, WQ (Han, Weiqing) ; Kim, H (Kim, Hyemi) ; Kirtman, BP (Kirtman, Ben P.) ; Kushnir, Y (Kushnir, Yochanan) ; Lovenduski, NS (Lovenduski, Nicole S.) ; Mann, ME (Mann, Michael E.) ; Merryfield, WJ (Merryfield, William J.) ; Nieves, V (Nieves, Veronica) ; Pegion, K (Pegion, Kathy) ; Rosenbloom, N (Rosenbloom, Nan) ; Sanchez, SC (Sanchez, Sara C.) ; Scaife, AA (Scaife, Adam A.) ; Smith, D (Smith, Doug) ; Subramanian, AC (Subramanian, Aneesh C.) ; Sun, LT (Sun, Lantao) ; Thompson, D (Thompson, Diane) ; Ummenhofer, CC (Ummenhofer, Caroline C.) ; Xie, SP (Xie, Shang-Ping)	Initialized Earth System prediction from subseasonal to decadal timescales	NATURE Reviews Earth & Environment . Vol. 2, Issue: 5, pp: 340-357 DOI10.1038/s43017-021-00155-x	2021
6.11	Towler, E and Yates, D	Incorporating Multiyear Temperature Predictions for Water Resources Planning	Journal of Applied Meteorolog60 (2) , pp.171-183yand Climatology.	2021
6.12	Zheng, C (Zheng, Cheng) ; Chang, EKM (Chang, Edmund Kar-Man) ; Kim, H (Kim, Hyemi) ; Zhang, MH (Zhang, Minghua) ; Wang, WQ (Wang, Wanqiu)	Subseasonal Prediction of Wintertime Northern Hemisphere Extratropical Cyclone Activity by SubX and S2S Models	Weather and Forecasting. Vol. 36 Issue 1. pp: 75-89 DOI10.1175/WAF-D-20-0157.1	2021
6.13	Ward, N (Ward, Neil) ; Conway, D (Conway, Declan)	Applications of interannual-to-decadal climate prediction: An exploratory discussion on rainfall in the Sahel region of Africa	Climate Services. Vol. 18. Article number: 100170 DOI10.1016/j.cliser.2020.100170	2020
6.14	Hu, S; Zhou, TJ and Wu, B	Improved ENSO Prediction Skill Resulting From Reduced Climate Drift in IAP-DecPreS: A Comparison of Full-Field and Anomaly	Journal of Advances in Modeling Earth System, Vol 12 issue 2.	2020

6.15	Cao, DD (Cao, Dandan) ; Wu, QG (Wu, Qigang) ; Hu, AX (Hu, Aixue) ; Yao, YH (Yao, Yonghong) ; Liu, SZ (Liu, Shizuo) ; Schroeder, SR (Schroeder, Steven R.) ; Yang, FC (Yang, Fucheng)	Linear and nonlinear winter atmospheric responses to extreme phases of low frequency Pacific sea surface temperature variability	Climate Dynamics, Vol. 52, issue 1-2, pp: 49-68 DOI10.1007/s00382-018-4127-1	2019
6.16	Hermanson, L (Hermanson, L.) ; Ren, HL (Ren, H. -L.) ; Vellinga, M (Vellinga, M.) ; Dunstone, ND (Dunstone, N. D.) ; Hyder, P (Hyder, P.) ; Ineson, S (Ineson, S.) ; Scaife, AA (Scaife, A. A.) ; Smith, DM (Smith, D. M.) ; Thompson, V (Thompson, V.) ; Tian, B (Tian, B.) ; Williams, KD (Williams, K. D.)	Different types of drifts in two seasonal forecast systems and their dependence on ENSO	Climate Dynamics. Vol. 51 issue 4, pp: 1411-1426 DOI10.1007/s00382-017-3962-9	2018
6.17	Towler, E; PaiMazumder, D and Done, J	Toward the Application of Decadal Climate Predictions	Journal of Applied Meteorology and Climatology. Vol. 57 (3), pp.555-568	2018
6.18	Strobach, E and Bel, G	Quantifying the Uncertainties in an Ensemble of Decadal Climate Predictions	Journal f Geophysical Research- Atmospheres. 122 (24) , pp.13191-13200	2017
6.19	Marotzke, J (Marotzke, Jochem) ; Muller, WA (Mueller, Wolfgang A.) ; Vamborg, FSE (Vamborg, Freja S. E.) ; Becker, P (Becker, Paul) ; Cubasch, U (Cubasch, Ulrich) ; Feldmann, H (Feldmann, Hendrik) ; Kaspar, F (Kaspar, Frank) ; Kottmeier, C (Kottmeier, Christoph) ; Marini, C (Marini, Camille) ; Polkova, I (Polkova, Iuliia) ; Prommel, K (Proemmel, Kerstin) ; Rust, HW (Rust, Henning W.) ; Stammer, D (Stammer, Detlef) ; Ulbrich, U (Ulbrich, Uwe) ; Kadow, C (Kadow, Christopher) ; Kohl, A (Koehl, Armin) ; Kroger, J (Kroeger, Juergen) ; Kruschke, T (Kruschke, Tim) ; Pinto, JG (Pinto, Joaquim G.) ; Pohlmann, H (Pohlmann, Holger) ; Reyers, M (Reyers, Mark) ; Schroder, M (Schroeder, Marc) ; Sienz, F (Sienz, Frank) ; Timmreck, C (Timmreck, Claudia) ; Ziese, M (Ziese, Markus)	MIKLIP A NATIONAL RESEARCH PROJECT ON DECADEAL CLIMATE PREDICTION	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY. Vol. 97, issue 12, pp: 2379-2394 DOI10.1175/BAMS-D-15-00184.1	2016
6.20	Mignot, J (Mignot, Juliette) ; Garcia-Serrano, J (Garcia-Serrano, Javier) ; Swingedouw, D (Swingedouw, Didier) ; Germe, A (Germe, Agathe) ; Nguyen, S (Nguyen, Sebastien) ; Ortega, P (Ortega, Pablo) ; Guilyardi, E (Guilyardi, Eric) ; Ray, S (Ray, Sulagna)	Decadal prediction skill in the ocean with surface nudging in the IPSL-CM5A-LR climate model	Climate Dynamics. Vol. 47 issue 3-4, pp: 1225-1246 DOI10.1007/s00382-015-2898-1	2016
6.21	Gong, Z (Gong Zhiqiang) ; Li, S (Li Shangfeng) ; Hu, P (Hu Po) ; Shen, BZ (Shen Baizhu) ; Feng, GL (Feng Guolin)	Dynamic-Analogue Correction of the Decadal Change of East Asian Summer Precipitation in the Late 1990s	Journal of Meteorological Research. Vol. 30, issue 3, pp: 341-355 DOI10.1007/s13351-016-5220-1	2016
6.22	Tardif, R; Hakim, GJ and Snyder, C	Coupled atmosphere-ocean data assimilation experiments with a low-order model and CMIP5 model data	Climate Dynamics. Vol.45 (5-6) , pp.1415-1427	2015
6.23	Meehl, GA and Teng, HY	Regional precipitation simulations for the mid-1970s shift and early-2000s hiatus	Geophysical Research letters, Vol. 41 (21) , pp.7658-7665	2014
6.24	Han, WQ (Han, Weiqing) ; Vialard, J (Vialard, Jerome) ; McPhaden, MJ (McPhaden, Michael J.) ; Lee, T (Lee, Tong) ; Masumoto, Y (Masumoto, Yukio) ; Feng, M (Feng, Ming) ; De Ruijter, WPM (De Ruijter, Will P. M.)	INDIAN OCEAN DECADEAL VARIABILITY A Review	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY. Vol. 95, issue 11, pp:1679-1703 DOI10.1175/BAMS-D-13-00028.1	2014
6.25	Meehl, GA; Teng, HY and Arblaster, JM	Climate model simulations of the observed early-2000s hiatus of global warming	NATURE Climate Change, Vol. 4(10) , pp.898-902	2014
6.26	You, QL (You, Qinglong) ; Fraedrich, K (Fraedrich, Klaus) ; Sielmann, F (Sielmann, Frank) ; Min, JZ (Min, Jinzhong) ; Kang, SC (Kang, Shichang) ; Ji, ZM (Ji,	Present and projected degree days in China from observation, reanalysis and simulations	Climate Dynamics. Vol. 43, issue 5-6 pp: 1449-1462	2014

	Zhenming); Zhu, XH (Zhu, Xiuhua); Ren, GY (Ren, Guoyu)		DOI10.1007/s00382-013-1960-0	
6.27	Becker, E; van den Dool, H and Zhang, Q	Predictability and Forecast Skill in NMME	Journal of Climate 27 (15) , pp.5891-5906	2014
6.28	Caron, LP; Jones, CG and Doblas-Reyes, F	Multi-year prediction skill of Atlantic hurricane activity in CMIP5 decadal hindcasts	Climate Dynamics 42 (9-10) , pp.2675-2690	2014
6.29	Meehl, GA and Teng, HY	CMIP5 multi- model hindcasts for the mid-1970s shift and early 2000s hiatus and predictions for 2016-2035	Geophysical Research letters. Vol 41 (5) pp.1711-1716	2014
6.30	Meehl, GA (Meehl, Gerald A.) ; Goddard, L (Goddard, Lisa) ; Boer, G (Boer, George) ; Burgman, R (Burgman, Robert) ; Branstator, G (Branstator, Grant) ; Cassou, C (Cassou, Christophe) ; Corti, S (Corti, Susanna) ; Danabasoglu, G (Danabasoglu, Gokhan) ; Doblas-Reyes, F (Doblas-Reyes, Francisco) ; Hawkins, E (Hawkins, Ed) ; Karspeck, A (Karspeck, Alicia) ; Kimoto, M (Kimoto, Masahide) ; Kumar, A (Kumar, Arun) ; Matei, D (Matei, Daniela) ; Mignot, J (Mignot, Juliette) ; Msadek, R (Msadek, Rym) ; Navarra, A (Navarra, Antonio) ; Pohlmann, H (Pohlmann, Holger) ; Rienecker, M (Rienecker, Michele) ; Rosati, T (Rosati, Tony) ; Schneider, E (Schneider, Edwin) ; Smith, D (Smith, Doug) ; Sutton, R (Sutton, Rowan) ; Teng, HY (Teng, Haiyan) ; van Oldenborgh, GJ (van Oldenborgh, Geert Jan) ; Vecchi, G (Vecchi, Gabriel) ; Yeager, S (Yeager, Stephen)	DECADAL CLIMATE PREDICTION An Update from the Trenches	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY. Vol.95, issue 2, pp: 243-267 DOI10.1175/BAMS-D-12-00241.1	2014
6.31	Mieruch, S (Mieruch, S.) ; Feldmann, H (Feldmann, H.) ; Schädler, G (Schädler, G.) ; Lenz, CJ (Lenz, C. -J.) ; Kothe, S (Kothe, S.) ; Kottmeier, C (Kottmeier, C.)	The regional MiKlip decadal forecast ensemble for Europe: the added value of downscaling	Geoscientific Model Development. Vol 7, issue 6, pp: 2983-2999. DOI 10.5194/gmd-7-2983-2014	2014
6.32	Smith, DM; Eade, R and Pohlmann, H	A comparison of full-field and anomaly initialization for seasonal to decadal climate prediction	Climate Dynamics. 41 (11-12) , pp.3325-3338	2013
7	W Hazeleger, V Guemas, B Wouters, S Corti, I Andreu-Burillo, F-J Doblar Reyes, K, Wyser, Mihaela Caian.	Multiyear climate predictions using two initialization strategies.	Geophysical Research Letters 40 (9), 1794-1798. 2013	2013 / 66 citari
nr. citatari fara autocitari : 66 (din total: 66 web-of-science)				
7.1	Taylor, LM (Taylor, L. M.) ; Hakim, GJ (Hakim, G. J.)	Skillful Coupled Atmosphere-Ocean Forecasts on Interannual to Decadal Timescales Using a Linear Inverse Model	EARTH AND SPACE SCIENCE Volume 10 Issue 4 Article Number e2022EA002679	2023
7.2	Mahmood, R (Mahmood, Rashed) ; Donat, MG (Donat, Markus G.) ; Ortega, P (Ortega, Pablo) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.) ; Delgado-Torres, C (Delgado-Torres, Carlos) ; Samsó, M (Samsó, Margarida) ; Bretonniere, PA (Bretonniere, Pierre-Antoine)	Constraining low-frequency variability in climate projections to predict climate on decadal to multi-decadal timescales - a poor man's initialized prediction system	EARTH SYSTEM DYNAMICS Volume 13 Issue 4 Page 1437-1450	2022
7.3	Delgado-Torres, C (Delgado-Torres, Carlos) ; Donat, MG (Donat, Markus G.) ; Gonzalez-Reviriego, N (Gonzalez-Reviriego, Nube) ; Caron, LP (Caron, Louis-Philippe) ; Athanasiadis, PJ (Athanasiadis, Panos J.) ; Bretonniere, PA (Bretonniere, Pierre-Antoine) ; Dunstone, NJ (Dunstone, Nick J.) ; Ho, AC (Ho, An-Chi) ; Nicoli, D (Nicoli, Dario) ; Pankatz, K (Pankatz, Klaus) ; Paxian, A (Paxian, Andreas) ; Perez-Zanon, N (Perez-Zanon, Nuria) ; Cabre, MS (Samsó Cabre, Margarida) ; Solaraju-Murali, B (Solaraju-Murali, Balakrishnan) ; Soret, A (Soret, Albert) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.)	Multi-Model Forecast Quality Assessment of CMIP6 Decadal Predictions	JOURNAL OF CLIMATE Volume 35 Issue 13 Page 4363-4382	2022

7.4	Lee, CE (Lee, Carol Eunmi); Downey, K (Downey, Kala); Colby, RS (Colby, Rebecca Smith); Freire, CA (Freire, Carolina A.); Nichols, S (Nichols, Sarah); Burgess, MN (Burgess, Michael N.); Judy, KJ (Judy, Kathryn J.)	Recognizing Salinity Threats in the Climate Crisis	INTEGRATIVE AND COMPARATIVE BIOLOGY Volume 62 Issue 2 Page 441-460	2022
7.5	Langehaug, HR (Langehaug, H. R.); Ortega, P (Ortega, P.); Counillon, F (Counillon, F.); Matei, D (Matei, D.); Maroon, E (Maroon, E.); Keenlyside, N (Keenlyside, N.); Mignot, J (Mignot, J.); Wang, Y (Wang, Y.); Swingedouw, D (Swingedouw, D.); Bethke, I (Bethke, I.); Yang, S (Yang, S.); Danabasoglu, G (Danabasoglu, G.); Bellucci, A (Bellucci, A.); Ruggieri, P (Ruggieri, P.); Nicoli, D (Nicoli, D.); Arthun, M (Arthun, M.)	Propagation of Thermohaline Anomalies and Their Predictive Potential along the Atlantic Water Pathway	JOURNAL OF CLIMATE Volume 35 Issue 7 Page 2111-2131	2022
7.6	Yang, QC (Yang, Qichun); Wang, QJ (Wang, Quan J.); Western, AW (Western, Andrew W.); Wu, WY (Wu, Wenyang); Shao, YW (Shao, Yawen); Hakala, K (Hakala, Kirsti)	Reconstructing climate trends adds skills to seasonal reference crop evapotranspiration forecasting	HYDROLOGY AND EARTH SYSTEM SCIENCES Volume 26 Issue 4 Page 941-954	2022
7.7	Saurral, RI (Saurral, Ramiro, I); Merryfield, WJ (Merryfield, William J.); Tolstykh, MA (Tolstykh, Mikhail A.); Lee, WS (Lee, Woo-Sung); Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.); Garcia-Serrano, J (Garcia-Serrano, Javier); Massonnet, F (Massonnet, Francois); Meehl, GA (Meehl, Gerald A.); Teng, HY (Teng, Haiyan)	A Data Set for Intercomparing the Transient Behavior of Dynamical Model-Based Subseasonal to Decadal Climate Predictions	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS Volume 13 Issue 9 Article Number e2021MS002570	2021
7.8	Tian, T (Tian, Tian); Yang, ST (Yang, Shuting); Karami, MP (Karami, Mehdi Pasha); Massonnet, F (Massonnet, Francois); Kruschke, T (Kruschke, Tim); Koenigk, T (Koenigk, Torben)	Benefits of sea ice initialization for the interannual-to-decadal climate prediction skill in the Arctic in EC-Earth3	GEOSCIENTIFIC MODEL DEVELOPMENT Volume 14 Issue 7 Page 4283-4305	2021
7.9	Johansson, E (Johansson, Erik); Devasthale, A (Devasthale, Abhay); Tjernstrom, M (Tjernstrom, Michael); Ekman, AML (Ekman, Annica M. L.); Wyser, K (Wyser, Klaus); L'Ecuyer, T (L'Ecuyer, Tristan)	Vertical structure of cloud radiative heating in the tropics: confronting the EC-Earth v3.3.1/3P model with satellite observations	GEOSCIENTIFIC MODEL DEVELOPMENT Volume 14 Issue 6 Page 4087-4101	2021
7.10	Wu, X (Wu, Xian); Okumura, YM (Okumura, Yuko M.); Deser, C (Deser, Clara); DiNezio, PN (DiNezio, Pedro N.)	Two-Year Dynamical Predictions of ENSO Event Duration during 1954-2015	JOURNAL OF CLIMATE Volume 34 Issue 10 Page 4069-4087	2021
7.11	Hamdi, A (Hamdi, Ali); Shaban, K (Shaban, Khaled); Erradi, A (Erradi, Abdelkarim); Mohamed, A (Mohamed, Amr); Rumi, SK (Rumi, Shakila Khan); Salim, FD (Salim, Flora D.)	Spatiotemporal data mining: a survey on challenges and open problems	ARTIFICIAL INTELLIGENCE REVIEW .Volume 55 Issue 2 Page 1441-1488	2022
7.12	Bilbao, R (Bilbao, Roberto); Wild, S (Wild, Simon); Ortega, P (Ortega, Pablo); Acosta-Navarro, J (Acosta-Navarro, Juan); Arsouze, T (Arsouze, Thomas); Bretonniere, PA (Bretonniere, Pierre-Antoine); Caron, LP (Caron, Louis-Philippe); Castrillo, M (Castrillo, Miguel); Cruz-Garcia, R (Cruz-Garcia, Ruben); Cvijanovic, I (Cvijanovic, Ivana); Doblas-Reyes, FJ (Javier Doblas-Reyes, Francisco); Donat, M (Donat, Markus); Dutra, E (Dutra, Emanuel); Echevarria, P (Echevarria, Pablo); Ho, AC (Ho, An-Chi); Loosveldt-Tomas, S (Loosveldt-Tomas, Saskia); Moreno-Chamarro, E (Moreno-Chamarro, Eduardo); Perez-Zanon, N (Perez-Zanon, Nuria); Ramos, A (Ramos, Arthur); Ruprich-Robert, Y (Ruprich-Robert, Yohan); Sicardi, V (Sicardi, Valentina); Tourigny, E (Tourigny, Etienne); Vegas-Regidor, J (Vegas-Regidor, Javier)	Assessment of a full-field initialized decadal climate prediction system with the CMIP6 version of EC-Earth	EARTH SYSTEM DYNAMICS Volume 12 Issue 1 Page 173-196	2021
7.13	Li, FF (Li, Feifei); Wang, B (Wang, Bin); He, YJ (He, Yujun); Huang, WY (Huang, Wenyu); Xu, SM (Xu, Shiming); Liu, L (Liu, Li); Liu, JJ (Liu, Juanjuan); Li, LJ (Li,	Important role of North Atlantic air-sea coupling in the interannual predictability of summer precipitation	CLIMATE DYNAMICS Volume 56 Issue 5-6 Page 1433-1448	2021

	Lijuan)	over the eastern Tibetan Plateau		
7.14	Gu, QX (Gu, Qinxue) ; Gervais, M (Gervais, Melissa)	Exploring North Atlantic and North Pacific Decadal Climate Prediction Using Self-Organizing Maps	JOURNAL OF CLIMATE Volume 34 Issue 1 Page 123-141	2021
7.15	Ma, HY (Ma, Hsi-Yen) ; Siongco, AC (Siongco, A. Cheska) ; Klein, SA (Klein, Stephen A.) ; Xie, SC (Xie, Shaocheng) ; Karspeck, AR (Karspeck, Alicia R.) ; Raeder, K (Raeder, Kevin) ; Anderson, JL (Anderson, Jeffrey L.) ; Lee, J (Lee, Jiwoo) ; Kirtman, BP (Kirtman, Ben P.) ; Merryfield, WJ (Merryfield, William J.) ; Murakami, H (Murakami, Hiroyuki) ; Tribbia, JJ (Tribbia, Joseph J.)	On the Correspondence between Seasonal Forecast Biases and Long-Term Climate Biases in Sea Surface Temperature	JOURNAL OF CLIMATE Volume 34 Issue 1 Page 427-446	2021
7.16	Kreienkamp, F (Kreienkamp, Frank) ; Lorenz, P (Lorenz, Philip) ; Geiger, T (Geiger, Tobias)	Statistically Downscaled CMIP6 Projections Show Stronger Warming for Germany	ATMOSPHERE Volume 11 Issue 11 Article Number 1245	2020
7.17	Zhu, EN (Zhu, Enda) ; Yuan, X (Yuan, Xing) ; Wu, PL (Wu, Peili)	Skillful Decadal Prediction of Droughts Over Large-Scale River Basins Across the Globe	GEOPHYSICAL RESEARCH LETTERS Volume 47 Issue 17 Article Number e2020GL089738	2020
7.18	Wyser, K (Wyser, Klaus) ; Kjellstrom, E (Kjellstrom, Erik) ; Koenigk, T (Koenigk, Torben) ; Martins, H (Martins, Helena) ; Doscher, R (Doscher, Ralf)	Warmer climate projections in EC-Earth3-Veg: the role of changes in the greenhouse gas concentrations from CMIP5 to CMIP6	ENVIRONMENTAL RESEARCH LETTERS Volume 15 Issue 5 Article Number 054020	2020
7.19	Gidhagen, L (Gidhagen, Lars) ; Olsson, J (Olsson, Jonas) ; Amorim, JH (Amorim, Jorge H.) ; Asker, C (Asker, Christian) ; Belusic, D (Belusic, Danijel) ; Carvalho, AC (Carvalho, Ana C.) ; Engardt, M (Engardt, Magnuz) ; Hundecha, Y (Hundecha, Yeshewatesfa) ; Kornich, H (Kornich, Heiner) ; Lind, P (Lind, Petter) ; Lindstedt, D (Lindstedt, David) ; Olsson, E (Olsson, Esbjorn) ; Rosberg, J (Rosberg, Jorgen) ; Segersson, D (Segersson, David) ; Stromback, L (Stromback, Lena)	Towards climate services for European cities: Lessons learnt from the Copernicus project Urban SIS	URBAN CLIMATE Volume 31 Article Number 100549	2020
7.20	Solaraju-Murali, B (Solaraju-Murali, Balakrishnan) ; Caron, LP (Caron, Louis-Philippe) ; Gonzalez-Reviriego, N (Gonzalez-Reviriego, Nube) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.)	Multi-year prediction of European summer drought conditions for the agricultural sector	ENVIRONMENTAL RESEARCH LETTERS Volume 14 Issue 12 Article Number 124014	2019
7.21	Polkova, I (Polkova, Iuliia) ; Koehl, A (Koehl, Armin) ; Stammer, D (Stammer, Detlef)	Climate-mode initialization for decadal climate predictions	CLIMATE DYNAMICS Volume 53 Issue 11 Page 7097-7111	2019
7.22	Bushuk, M (Bushuk, Mitchell) ; Yang, XS (Yang, Xiaosong) ; Winton, M (Winton, Michael) ; Msadek, R (Msadek, Rym) ; Harrison, M (Harrison, Matthew) ; Rosati, A (Rosati, Anthony) ; Gudgel, R (Gudgel, Rich)	The Value of Sustained Ocean Observations for Sea Ice Predictions in the Barents Sea	JOURNAL OF CLIMATE Volume 32 Issue 20 Page 7017-7036	2019
7.23	Chikamoto, Y (Chikamoto, Yoshimitsu) ; Timmermann, A (Timmermann, Axel) ; Widlansky, MJ (Widlansky, Matthew J.) ; Zhang, SQ (Zhang, Shaoqing) ; Balmaseda, MA (Balmaseda, Magdalena A.)	A Drift-Free Decadal Climate Prediction System for the Community Earth System Model	JOURNAL OF CLIMATE Volume 32 Issue 18 Page 5967-5995	2019
7.24	Nadiga, BT (Nadiga, Balasubramanya T.) ; Verma, T (Verma, Tarun) ; Weijer, W (Weijer, Wilbert) ; Urban, NM (Urban, Nathan M.)	Enhancing Skill of Initialized Decadal Predictions Using a Dynamic Model of Drift	GEOPHYSICAL RESEARCH LETTERS .Volume 46 Issue 16 Page 9991-9999	2019
7.25	Paeth, H (Paeth, Heiko) ; Li, JM (Li, Jingmin) ; Pollinger, F (Pollinger, Felix) ; Muller, WA (Mueller, Wolfgang A.) ; Pohlmann, H (Pohlmann, Holger) ; Feldmann,	An effective drift correction for dynamical downscaling of decadal global climate predictions	CLIMATE DYNAMICS Volume 52 Issue 3-4 Page 1343-1357	2019

	H (Feldmann, Hendrik) ; Panitz, HJ (Panitz, Hans-Juergen)			
7.26	Kroger, J (Kroeger, Juergen) ; Pohlmann, H (Pohlmann, Holger) ; Sienz, F (Sienz, Frank) ; Marotzke, J (Marotzke, Jochem) ; Baehr, J (Baehr, Johanna) ; Kohl, A (Koehl, Armin) ; Modali, K (Modali, Kameswarrao) ; Polkova, I (Polkova, Iuliia) ; Stammer, D (Stammer, Detlef) ; Vamborg, FSE (Vamborg, Freja S. E.) ; Muller, WA (Mueller, Wolfgang A.)	Full-field initialized decadal predictions with the MPI earth system model: an initial shock in the North Atlantic	CLIMATE DYNAMICS Volume 51 Issue 7-8 Page 2593-2608	2018
7.27	Carrassi, A (Carrassi, Alberto) ; Bocquet, M (Bocquet, Marc) ; Bertino, L (Bertino, Laurent) ; Evensen, G (Evensen, Geir)	Data assimilation in the geosciences: An overview of methods, issues, and perspectives	WILEY INTERDISCIPLINARY REVIEWS-CLIMATE CHANGE .Volume 9 Issue 5 Article Number e535	2018
7.28	Ding, H (Ding, Hui) ; Newman, M (Newman, Matthew) ; Alexander, MA (Alexander, Michael A.) ; Wittenberg, AT (Wittenberg, Andrew T.)	Skillful Climate Forecasts of the Tropical Indo-Pacific Ocean Using Model-Analogs	JOURNAL OF CLIMATE Volume 31 Issue 14 Page 5437-5459	2018
7.29	Lauer, A (Lauer, Axel) ; Jones, C (Jones, Colin) ; Eyring, V (Eyring, Veronika) ; Evaldsson, M (Evaldsson, Martin) ; Stefan, HA (Stefan, Hagemann A.) ; Makela, J (Makela, Jarmo) ; Martin, G (Martin, Gill) ; Roehrig, R (Roehrig, Romain) ; Wang, SY (Wang, Shiyu)	Process-level improvements in CMIP5 models and their impact on tropical variability, the Southern Ocean, and monsoons	EARTH SYSTEM DYNAMICS Volume 9 Issue 1 Page 33-67	2018
7.30	Director, HM (Director, Hannah M.) ; Raftery, AE (Raftery, Adrian E.) ; Bitz, CM (Bitz, Cecilia M.)	Improved Sea Ice Forecasting through Spatiotemporal Bias Correction	JOURNAL OF CLIMATE Volume 30 Issue 23 Page 9493-9510	2017
7.31	DiNezio, PN (DiNezio, Pedro N.) ; Deser, C (Deser, Clara) ; Karspeck, A (Karspeck, Alicia) ; Yeager, S (Yeager, Stephen) ; Okumura, Y (Okumura, Yuko) ; Danabasoglu, G (Danabasoglu, Gokhan) ; Rosenbloom, N (Rosenbloom, Nan) ; Caron, J (Caron, Julie) ; Meehl, GA (Meehl, Gerald A.)	A 2 Year Forecast for a 60-80% Chance of La Nina in 2017-2018	GEOPHYSICAL RESEARCH LETTERS .Volume 44 Issue 22 Page 11624-11635	2017
7.32	Choudhury, D (Choudhury, Dipayan) ; Sen Gupta, A (Sen Gupta, Alexander) ; Sharma, A (Sharma, Ashish) ; Mehrotra, R (Mehrotra, Rajeshwar) ; Sivakumar, B (Sivakumar, Bellie)	An Assessment of Drift Correction Alternatives for CMIP5 Decadal Predictions	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 122 Issue 19 Page 10459-10473	2017
7.33	Choudhury, D (Choudhury, Dipayan) ; Sen Gupta, A (Sen Gupta, Alexander) ; Sharma, A (Sharma, Ashish) ; Taschetto, AS (Taschetto, Andrea S.) ; Mehrotra, R (Mehrotra, Rajeshwar) ; Sivakumar, B (Sivakumar, Bellie)	Impacts of the tropical trans-basin variability on Australian rainfall	CLIMATE DYNAMICS Volume 49 Issue 5-6 Page 1617-1629	2017
7.34	Chen, JW (Chen, Junwen) ; Deng, Y (Deng, Yi) ; Lin, WS (Lin, Wenshi) ; Yang, S (Yang, Song)	A Process-Based Assessment of Decadal-Scale Surface Temperature Evolutions in the NCAR CCSM4' s 25-Year Hindcast Experiments	JOURNAL OF CLIMATE Volume 30 Issue 17 Page 6723-6736	2017
7.35	He, YJ (He, Yujun) ; Wang, B (Wang, Bin) ; Liu, MM (Liu, Mimi) ; Liu, L (Liu, Li) ; Yu, YQ (Yu, Yongqiang) ; Liu, JJ (Liu, Juanjuan) ; Li, RZ (Li, Ruizhe) ; Zhang, C (Zhang, Cheng) ; Xu, SM (Xu, Shiming) ; Huang, WY (Huang, Wenyu) ; Liu, Q (Liu, Qun) ; Wang, Y (Wang, Yong) ; Li, FF (Li, Feifei)	Reduction of initial shock in decadal predictions using a new initialization strategy	GEOPHYSICAL RESEARCH LETTERS Volume 44 Issue 16 Page 8538-8547	2017
7.36	Liu, XY (Liu, Xueyuan) ; Kohl, A (Koehl, Armin) ; Stammer, D (Stammer, Detlef) ; Masuda, S (Masuda, Shuhei) ; Ishikawa, Y (Ishikawa, Yoichi) ; Mochizuki, T (Mochizuki, Takashi)	Impact of in-consistency between the climate model and its initial conditions on climate prediction	CLIMATE DYNAMICS Volume 49 Issue 3 Page 1061-1075 Special Issue SI	2017
7.37	Volpi, D (Volpi, Danila) ; Guemas, V (Guemas, Virginie) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.)	Comparison of full field and anomaly initialisation for decadal climate prediction: towards an optimal consistency between the ocean and sea-ice anomaly	CLIMATE DYNAMICS Volume 49 Issue 4 Page 1181-1195	2017

		initialisation state		
7.38	Yeager, SG (Yeager, S. G.) ; Robson, JI (Robson, J., I)	Recent Progress in Understanding and Predicting Atlantic Decadal Climate Variability	CURRENT CLIMATE CHANGE REPORTS Volume 3 Issue 2 Page 112-127	2017
7.39	Volpi, D (Volpi, Danila) ; Guemas, V (Guemas, Virginie) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.) ; Hawkins, E (Hawkins, Ed) ; Nichols, NK (Nichols, Nancy K.)	Decadal climate prediction with a refined anomaly initialisation approach	CLIMATE DYNAMICS Volume 48 Issue 5-6 Page 1841-1853	2017
7.40	Alfieri, L (Alfieri, Lorenzo) ; Bisselink, B (Bisselink, Berny) ; Dottori, F (Dottori, Francesco) ; Naumann, G (Naumann, Gustavo) ; de Roo, A (de Roo, Ad) ; Salamon, P (Salamon, Peter) ; Wyser, K (Wyser, Klaus) ; Feyen, L (Feyen, Luc)	Global projections of river flood risk in a warmer world	EARTH'S FUTURE Volume 5 Issue 2 Page 171-182	2017
7.41	Paeth, H (Paeth, Heiko) ; Paxian, A (Paxian, Andreas) ; Sein, DV (Sein, Dmitry V.) ; Jacob, D (Jacob, Daniela) ; Panitz, HJ (Panitz, Hans-Juergen) ; Warscher, M (Warscher, Michael) ; Fink, AH (Fink, Andreas H.) ; Kunstmann, H (Kunstmann, Harald) ; Breil, M (Breil, Marcus) ; Engel, T (Engel, Thomas) ; Krause, A (Krause, Andreas) ; Toedter, J (Toedter, Julian) ; Ahrens, B (Ahrens, Bodo)	Decadal and multi-year predictability of the West African monsoon and the role of dynamical downscaling	METEOROLOGISCHE ZEITSCHRIFT Volume 26 Issue 4 Page 363-377	2017
7.42	Carrassi, A (Carrassi, A.) ; Guemas, V (Guemas, V.) ; Doblas-Reyes, FJ (Doblas-Reyes, F. J.) ; Volpi, D (Volpi, D.) ; Asif, M (Asif, M.)	Sources of skill in near-term climate prediction: generating initial conditions	CLIMATE DYNAMICS Volume 47 Issue 12 Page 3693-3712	2016
7.43	Boer, GJ (Boer, George J.) ; Smith, DM (Smith, Douglas M.) ; Cassou, C (Cassou, Christophe) ; Doblas-Reyes, F (Doblas-Reyes, Francisco) ; Danabasoglu, G (Danabasoglu, Gokhan) ; Kirtman, B (Kirtman, Ben) ; Kushnir, Y (Kushnir, Yochanan) ; Kimoto, M (Kimoto, Masahide) ; Meehl, GA (Meehl, Gerald A.) ; Msadek, R (Msadek, Rym) ; Mueller, WA (Mueller, Wolfgang A.) ; Taylor, KE (Taylor, Karl E.) ; Zwiers, F (Zwiers, Francis) ; Rixen, M (Rixen, Michel) ; Ruprich-Robert, Y (Ruprich-Robert, Yohan) ; Eade, R (Eade, Rosie)	The Decadal Climate Prediction Project (DCPP) contribution to CMIP6	GEOSCIENTIFIC MODEL DEVELOPMENT Volume 9 Issue 10 Page 3751-3777	2016
7.44	Mignot, J (Mignot, Juliette) ; Garcia-Serrano, J (Garcia-Serrano, Javier) ; Swingedouw, D (Swingedouw, Didier) ; Germe, A (Germe, Agathe) ; Nguyen, S (Nguyen, Sebastien) ; Ortega, P (Ortega, Pablo) ; Guilyardi, E (Guilyardi, Eric) ; Ray, S (Ray, Surlagna) View Web of Science ResearcherID and ORCID	Decadal prediction skill in the ocean with surface nudging in the IPSL-CM5A-LR climate model	CLIMATE DYNAMICS Volume 47 Issue 3-4 Page 1225-1246	2016
7.45	Marini, C (Marini, Camille) ; Polkova, I (Polkova, Iuliia) ; Kohl, A (Koehl, Armin) ; Stammer, D (Stammer, Detlef)	A Comparison of Two Ensemble Generation Methods Using Oceanic Singular Vectors and Atmospheric Lagged Initialization for Decadal Climate Prediction	MONTHLY WEATHER REVIEW Volume 144 Issue 7 Page 2719-2738	2016
7.46	Choudhury, D (Choudhury, Dipayan) ; Sharma, A (Sharma, Ashish) ; Sen Gupta, A (Sen Gupta, Alexander) ; Mehrotra, R (Mehrotra, Rajeshwar) ; Sivakumar, B (Sivakumar, Bellie)	Sampling biases in CMIP5 decadal forecasts	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 121 Issue 7 Page 3435-3445	2016
7.47	Sanchez-Gomez, E (Sanchez-Gomez, Emilia) ; Cassou, C (Cassou, Christophe) ; Ruprich-Robert, Y (Ruprich-Robert, Yohan) ; Fernandez, E (Fernandez, Elodie) ; Terray, L (Terray, Laurent)	Drift dynamics in a coupled model initialized for decadal forecasts	CLIMATE DYNAMICS Volume 46 Issue 5-6 Page 1819-1840	2016
7.48	Paxian, A (Paxian, A.) ; Sein, D (Sein, D.) ; Panitz, HJ (Panitz, H. -J.) ; Warscher, M (Warscher, M.) ; Breil, M (Breil, M.) ; Engel, T (Engel, T.) ; Todter, J (Toedter, J.) ; Krause, A (Krause, A.) ; Narvaez, WDC (Cabos Narvaez, W. D.) ; Fink, AH (Fink,	Bias reduction in decadal predictions of West African monsoon rainfall using regional climate models	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 121 Issue 4 Page 1715-1735	2016

	A. H.); Ahrens, B (Ahrens, B.); Kunstmann, H (Kunstmann, H.); Jacob, D (Jacob, D.); Paeth, H (Paeth, H.)			
7.49	Kruschke, T (Kruschke, Tim); Rust, HW (Rust, Henning W.); Kadow, C (Kadow, Christopher); Muller, WA (Mueller, Wolfgang A.); Pohlmann, H (Pohlmann, Holger); Leckebusch, GC (Leckebusch, Gregor C.); Ulbrich, U (Ulbrich, Uwe)	Probabilistic evaluation of decadal prediction skill regarding Northern Hemisphere winter storms	METEOROLOGISCHE ZEITSCHRIFT Volume 25 Issue 6 Page 721-738	2016
7.50	Kothe, S (Kothe, Steffen); Todter, J (Toedter, Julian); Ahrens, B (Ahrens, Bodo)	Strategies for soil initialization of regional decadal climate predictions	METEOROLOGISCHE ZEITSCHRIFT . Volume 25 Issue 6 Page 775-794	2016
7.51	Weber, RJT (Weber, Robin J. T.); Carrassi, A (Carrassi, Alberto); Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.)	Linking the Anomaly Initialization Approach to the Mapping Paradigm: A Proof-of-Concept Study	MONTHLY WEATHER REVIEW . Volume 143 Issue 11 Page 4695-4713	2015
7.52	Choudhury, D (Choudhury, Dipayan); Sharma, A (Sharma, Ashish); Sivakumar, B (Sivakumar, Bellie); Sen Gupta, A (Sen Gupta, Alexander); Mehrotra, R (Mehrotra, Rajeshwar)	On the predictability of SSTA indices from CMIP5 decadal experiments	ENVIRONMENTAL RESEARCH LETTERS Volume 10 Issue 7 Article Number 074013	2015
7.53	Corti, S (Corti, Susanna); Palmer, T (Palmer, Tim); Balmaseda, M (Balmaseda, Magdalena); Weisheimer, A (Weisheimer, Antje); Drijfhout, S (Drijfhout, Sybren); Dunstone, N (Dunstone, Nick); Hazeleger, W (Hazeleger, Wilco); Kroger, J (Kroeger, Juergen); Pohlmann, H (Pohlmann, Holger); Smith, D (Smith, Doug); von Storch, JS (von Storch, Jin-Song); Wouters, B (Wouters, Bert)	Impact of Initial Conditions versus External Forcing in Decadal Climate Predictions: A Sensitivity Experiment*	JOURNAL OF CLIMATE Volume 28 Issue 11 Page 4454-4470	2015
7.54	Bellucci, A (Bellucci, A.); Haarsma, R (Haarsma, R.); Bellouin, N (Bellouin, N.); Booth, B (Booth, B.); Cagnazzo, C (Cagnazzo, C.); van den Hurk, B (van den Hurk, B.); Keenlyside, N (Keenlyside, N.); Koenigk, T (Koenigk, T.); Massonnet, F (Massonnet, F.); Materia, S (Materia, S.); Weiss, M (Weiss, M.)	Advancements in decadal climate predictability: The role of nonoceanic drivers	REVIEWS OF GEOPHYSICS Volume 53 Issue 2 Page 165-202	2015
7.55	Bellucci, A (Bellucci, A.); Haarsma, R (Haarsma, R.); Gualdi, S (Gualdi, S.); Athanasiadis, PJ (Athanasiadis, P. J.); Caian, M (Caian, M.); Cassou, C (Cassou, C.); Fernandez, E (Fernandez, E.); Germe, A (Germe, A.); Jungclaus, J (Jungclaus, J.); Kroger, J (Kroeger, J.); Matei, D (Matei, D.); Muller, W (Mueller, W.); Pohlmann, H (Pohlmann, H.); Melia, DSY (Salas y Melia, D.); Sanchez, E (Sanchez, E.); Smith, D (Smith, D.); Terray, L (Terray, L.); Wyser, K (Wyser, K.); Yang, S (Yang, S.)	An assessment of a multi-model ensemble of decadal climate predictions	CLIMATE DYNAMICS Volume 44 Issue 9-10 Page 2787-2806	2015
7.56	Ray, S (Ray, Sulagna); Swingedouw, D (Swingedouw, Didier); Mignot, J (Mignot, Juliette); Guilyardi, E (Guilyardi, Eric)	Effect of surface restoring on subsurface variability in a climate model during 1949-2005	CLIMATE DYNAMICS Volume 44 Issue 9-10 Page 2333-2349	2015
7.57	Guemas, V (Guemas, Virginie); Garcia-Serrano, J (Garcia-Serrano, Javier); Mariotti, A (Mariotti, Annarita); Doblas-Reyes, F (Doblas-Reyes, Francisco); Caron, LP (Caron, Louis-Philippe)	Prospects for decadal climate prediction in the Mediterranean region	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY Volume 141 Issue 687 Page 580-597 Part B	2015
7.58	Seitola, T (Seitola, Teija); Jarvinen, H (Jarvinen, Heikki)	Decadal climate variability and potential predictability in the Nordic region: a review	BOREAL ENVIRONMENT RESEARCH ; Volume 19 Issue 5-6 Page 387-407	2014
7.59	Weiss, M (Weiss, Martina); Miller, PA (Miller, Paul A.); van den Hurk, BJJM (van den Hurk, Bart J. J. M.); van Noije, T (van Noije, Twan); Stefanescu, S (Stefanescu, Simona); Haarsma, R (Haarsma, Reindert); van Ulft, LH (van Ulft, Lambertus H.); Hazeleger, W (Hazeleger, Wilco); Le Sager, P (Le Sager, Philippe); Smith,	Contribution of Dynamic Vegetation Phenology to Decadal Climate Predictability	JOURNAL OF CLIMATE Volume 27 Issue 22 Page 8563-8577	2014

	B (Smith, Benjamin) ; Schurgers, G (Schurgers, Guy)			
7.60	Knight, JR (Knight, Jeff R.) ; Andrews, MB (Andrews, Martin B.) ; Smith, DM (Smith, Doug M.) ; Arribas, A (Arribas, Alberto) ; Colman, AW (Colman, Andrew W.) ; Dunstone, NJ (Dunstone, Nick J.) ; Eade, R (Eade, Rosie) ; Hermanson, L (Hermanson, Leon) ; MacLachlan, C (MacLachlan, Craig) ; Peterson, KA (Peterson, K. Andrew) ; Scaife, AA (Scaife, Adam A.) ; Williams, A (Williams, Andrew)	Predictions of Climate Several Years Ahead Using an Improved Decadal Prediction System	JOURNAL OF CLIMATE Volume 27 Issue 20 Page 7550-7567	2014
7.61	Fuckar, NS (Fuckar, Neven S.) ; Volpi, D (Volpi, Danila) ; Guemas, V (Guemas, Virginie) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.)	A posteriori adjustment of near-term climate predictions: Accounting for the drift dependence on the initial conditions	GEOPHYSICAL RESEARCH LETTERS ; Volume 41 Issue 14 Page 5200-5207	2014
7.62	Polkova, I (Polkova, Iuliia) ; Kohl, A (Koehl, Armin) ; Stammer, D (Stammer, Detlef)	Impact of initialization procedures on the predictive skill of a coupled ocean-atmosphere model	CLIMATE DYNAMICS Volume 42 Issue 11-12 Page 3151-3169	2014
7.63	Meehl, GA (Meehl, Gerald A.) ; Goddard, L (Goddard, Lisa) ; Boer, G (Boer, George) ; Burgman, R (Burgman, Robert) ; Branstator, G (Branstator, Grant) ; Cassou, C (Cassou, Christophe) ; Corti, S (Corti, Susanna) ; Danabasoglu, G (Danabasoglu, Gokhan) ; Doblas-Reyes, F (Doblas-Reyes, Francisco) ; Hawkins, E (Hawkins, Ed) ; Karspeck, A (Karspeck, Alicia) ; Kimoto, M (Kimoto, Masahide) ; Kumar, A (Kumar, Arun) ; Matei, D (Matei, Daniela) ; Mignot, J (Mignot, Juliette) ; Msadek, R (Msadek, Rym) ; Navarra, A (Navarra, Antonio) ; Pohlmann, H (Pohlmann, Holger) ; Rienecker, M (Rienecker, Michele) ; Rosati, T (Rosati, Tony) ; Schneider, E (Schneider, Edwin) ; Smith, D (Smith, Doug) ; Sutton, R (Sutton, Rowan) ; Teng, HY (Teng, Haiyan) ; van Oldenborgh, GJ (van Oldenborgh, Geert Jan) ; Vecchi, G (Vecchi, Gabriel) ; Yeager, S (Yeager, Stephen)	DECADAL CLIMATE PREDICTION An Update from the Trenches	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY Volume 95 Issue 2 Page 243-267	2014
7.64	Carrassi, A (Carrassi, A.) ; Weber, RJT (Weber, R. J. T.) ; Guemas, V (Guemas, V.) ; Doblas-Reyes, FJ (Doblas-Reyes, F. J.) ; Asif, M (Asif, M.) ; Volpi, D (Volpi, D.)	Full-field and anomaly initialization using a low-order climate model: a comparison and proposals for advanced formulations	NONLINEAR PROCESSES IN GEOPHYSICS Volume 21 Issue 2 Page 521-537	2014
7.65	Kirtman, B (Kirtman, Ben) ; Power, SB (Power, Scott B.) ; Adedoyin, AJ (Adedoyin, Akintayo John) ; Boer, GJ (Boer, George J.) ; Bojariu, R (Bojariu, Roxana) ; Camilloni, I (Camilloni, Ines) ; Doblas-Reyes, F (Doblas-Reyes, Francisco) ; Fiore, AM (Fiore, Arlene M.) ; Kimoto, M (Kimoto, Masahide) ; Meehl, G (Meehl, Gerald) ; Prather, M (Prather, Michael) ; Sarr, A (Sarr, Abdoulaye) ; Schar, C (Schar, Christoph) ; Sutton, R (Sutton, Rowan) ; van Oldenborgh, GJ (van Oldenborgh, Geert Jan) ; Vecchi, G (Vecchi, Gabriel) ; Wang, HJ (Wang, Hui-Jun) ; Bindoff, NL (Bindoff, Nathaniel L.) ; Cameron-Smith, P (Cameron-Smith, Philip) ; Chikamoto, Y (Chikamoto, Yoshimitsu) ; Clifton, O (Clifton, Olivia) ; Corti, S (Corti, Susanna) ; Durack, PJ (Durack, Paul J.) ; Fichefet, T (Fichefet, Thierry) ; Garcia-Serrano, J (Garcia-Serrano, Javier) ; Ginoux, P (Ginoux, Paul) ; Gray, L (Gray, Lesley) ; Guemas, V (Guemas, Virginie) ; Hawkins, E (Hawkins, Ed) ; Holland, M (Holland, Marika) ; Holmes, C (Holmes, Christopher) ; Infanti, J (Infanti, Johnna) ; Ishii, M (Ishii, Masayoshi) ; Jacob, D (Jacob, Daniel) ; John, J (John, Jasmin) ; Klimont, Z (Klimont, Zbigniew) ; Knutson, T (Knutson, Thomas) ; Krinner, G (Krinner,	Near-term Climate Change: Projections and Predictability	CLIMATE CHANGE 2013: THE PHYSICAL SCIENCE BASIS Page 953-1028	2013

	Gerhard); Lawrence, D (Lawrence, David); Lu, J (Lu, Jian); Murphy, D (Murphy, Daniel); Naik, V (Naik, Vaishali); Robock, A (Robock, Alan); Rodrigues, L (Rodrigues, Luis); Sedlacek, J (Sedlacek, Jan); Slater, A (Slater, Andrew); Smith, D (Smith, Doug); Stevenson, DS (Stevenson, David S.); van den Hurk, B (van den Hurk, Bart); van Noije, T (van Noije, Twan); Vavrus, S (Vavrus, Steve); Voulgarakis, A (Voulgarakis, Apostolos); Weisheimer, A (Weisheimer, Antje); Wild, O (Wild, Oliver); Woollings, T (Woollings, Tim); Young, P (Young, Paul)			
7.66	Garcia-Serrano, J (Garcia-Serrano, Javier); Polo, I (Polo, Irene); Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.); Haarsma, RJ (Haarsma, Reindert J.)	Multi-year prediction of the Atlantic Nino: A first approach from ENSEMBLES	FISICA DE LA TIERRA Volume 25 Page57-71	2013
8	T Koenigk, Mihaela Caian , G Nikulin, S. Schimanke	Regional Arctic sea ice variations as predictor for winter climate conditions	Climate Dynamics 46, 317-337. 2016	2016 / 55 citari
nr. citari fara autocitari : 55 (din total: 56 web-of-science)				
8.1	Yang, Q (Yang, Qian); Kang, SC (Kang, Shichang); Yu, HP (Yu, Haipeng); Yang, YX (Yang, Yaoxian)	Impact of the Shrinkage of Arctic Sea Ice on Eurasian Snow Cover Changes in 1979-2021	ADVANCES IN ATMOSPHERIC SCIENCES, DOI10.1007/s00376-023-2272-x	2023
8.2	van der Schot, J (van der Schot, Jorrit); Abermann, J (Abermann, Jakob); Silva, T (Silva, Tiago); Jensen, CD (Jensen, Caroline Drost); Noel, B (Noel, Brice); Schonert, W (Schoener, Wolfgang)	Precipitation trends (1958-2021) on Ammassalik island, south-east Greenland	FRONTIERS IN EARTH SCIENCE, Vol. 10 Art. no. 1085499 DOI10.3389/feart.2022.1085499	2023
8.3	Zhuo, WQ (Zhuo, Wenqin); Yao, Y (Yao, Yao); Luo, DH (Luo, Dehai); Simmonds, I (Simmonds, Ian); Huang, F (Huang, Fei)	The key atmospheric drivers linking regional Arctic amplification with East Asian cold extremes	ATMOSPHERIC RESEARCH, Vo. 283, Art No. 106557 DOI10.1016/j.atmosres.2022.106557	2023
8.4	Zhou, HB (Zhou, Haibo); Fan, K (Fan, Ke)	Decadal Change of the Linkage between Sea Ice over the Barents-Kara Seas in November-December and the Stratospheric Polar Vortex in Subsequent January	JOURNAL OF METEOROLOGICAL RESEARCH, Vol. 36 (4), pp: 601-617 DOI10.1007/s13351-022-1225-0	2022
8.5	Mignac, D (Mignac, Davi); Martin, M (Martin, Matthew); Fiedler, E (Fiedler, Emma); Blockley, E (Blockley, Ed); Fournier, N (Fournier, Nicolas)	Improving the Met Office's Forecast Ocean Assimilation Model (FOAM) with the assimilation of satellite-derived sea-ice thickness data from CryoSat-2 and SMOS in the Arctic	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY, Vol 148 (744), pp: 1144-1167 DOI10.1002/qj.4252	2022
8.6	Wang, YH (Wang, Yunhe); Yuan, XJ (Yuan, Xiaojun); Bi, HB (Bi, Haibo); Bushuk, M (Bushuk, Mitchell); Liang, Y (Liang, Yu); Li, CH (Li, Cuihua); Huang, HJ (Huang, Haijun)	Reassessing seasonal sea ice predictability of the Pacific-Arctic sector using a Markov model	CRYOSPHERE, Vol 16 (3), pp: 1141-1156 DOI10.5194/tc-16-1141-2022	2022
8.7	Li, MM (Li, Mengmeng); Ke, CQ (Ke, Changqing); Cheng, B (Cheng, Bin); Shen, XY (Shen, Xiaoyi); He, Y (He, Yue); Sha, DX (Sha, Dexuan)	The Roles of Sea Ice Export, Atmospheric and Oceanic Factors in the Seasonal and Regional Variability of Arctic Sea Ice during 1979-2020	Remote Sensing., Vol. 14 (4), Art. No. 904 DOI10.3390/rs14040904	2022
8.8	Fiedler, EK (Fiedler, Emma K.); Martin, MJ (Martin, Matthew J.); Blockley, E (Blockley, Ed); Mignac, D (Mignac, Davi); Fournier, N (Fournier, Nicolas); Ridout, A (Ridout, Andy); Shepherd, A (Shepherd, Andrew); Tilling, R (Tilling, Rachel)	Assimilation of sea ice thickness derived from CryoSat-2 along-track freeboard measurements into the Met Office's Forecast Ocean Assimilation Model (FOAM)	CRYOSPHERE, Vol 16 (1) pp: 61-85 DOI10.5194/tc-16-61-2022	2022
8.9	Liang, YC (Liang, Yu-Chiao); Frankignoul, C (Frankignoul, Claude); Kwon, YO	Impacts of Arctic Sea Ice on Cold Season	Journal of Climate, Vol. 34, (20), pp: 8419-	2022

	(Kwon, Young-Oh) ; Gastineau, G (Gastineau, Guillaume) ; Manzini, E (Manzini, Elisa) ; Danabasoglu, G (Danabasoglu, Gokhan) ; Suo, LL (Suo, Lingling) ; Yeager, S (Yeager, Stephen) ; Gao, YQ (Gao, Yongqi) ; Attema, JJ (Attema, Jisk J.) ; Cherchi, A (Cherchi, Annalisa) ; Ghosh, R (Ghosh, Rohit) ; Matei, D (Matei, Daniela) ; Mecking, JV (Mecking, Jennifer, V) ; Tian, T (Tian, Tian) ; Zhang, Y (Zhang, Ying)	Atmospheric Variability and Trends Estimated from Observations and a Multimodel Large Ensemble	8443 DOI10.1175/JCLI-D-20-0578.s1	
8.10	Seidenglanz, A (Seidenglanz, Anne) ; Athanasiadis, P (Athanasiadis, Panos) ; Ruggieri, P (Ruggieri, Paolo) ; Cvijanovic, I (Cvijanovic, Ivana) ; Li, CML (Li, Camille) ; Gualdi, S (Gualdi, Silvio)	Pacific circulation response to eastern Arctic sea ice reduction in seasonal forecast simulations	Climate Dynamics, Vol. 57 (9-10), pp: 2687-2700 DOI10.1007/s00382-021-05830-9	2021
8.11	Liu, Y (Liu, Ying) ; Fan, K (Fan, Ke) ; Chen, LJ (Chen, Lijuan) ; Ren, HL (Ren, Hong-Li) ; Wu, YJ (Wu, Yujie) ; Liu, CZ (Liu, Changzheng)	An operational statistical downscaling prediction model of the winter monthly temperature over China based on a multi-model ensemble	Atmospheric Research, Vol. 249 Art No. 105262 DOI10.1016/j.atmosres.2020.105262	2021
8.12	Tomczyk, AM; Bednorz, E and Szyga-Pluta, K	Changes in Air Temperature and Snow Cover in Winter in Poland	Atmosphere, 12 (1)	2021
8.13	Santolaria-Otin, M (Santolaria-Otin, Maria) ; Garcia-Serrano, J (Garcia-Serrano, Javier) ; Menegoz, M (Menegoz, Martin) ; Bech, J (Bech, Joan)	On the observed connection between Arctic sea ice and Eurasian snow in relation to the winter North Atlantic Oscillation	ENVIRONMENTAL RESEARCH LETTERS, Vol. 15 (12) , Art. no. 124010 DOI10.1088/1748-9326/abad57	2021
8.14	Zhang, PF (Zhang, Pengfei) ; Wu, YT (Wu, Yutian) ; Chen, G (Chen, Gang) ; Yu, YY (Yu, Yueyue)	North American cold events following sudden stratospheric warming in the presence of low Barents-Kara Sea sea ice	ENVIRONMENTAL RESEARCH LETTERS, Vol 15 (12) Art No. 124017 DOI10.1088/1748-9326/abc215	2020
8.15	Strommen, K	Jet latitude regimes and the predictability of the North Atlantic Oscillation	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY, Vol. 146 (730) , pp.2368-2391	2020
8.16	Xie, YK (Xie, Yongkun) ; Wu, GX (Wu, Guoxiong) ; Liu, YM (Liu, Yimin) ; Huang, JP (Huang, Jianping)	Eurasian Cooling Linked with Arctic Warming: Insights from PV Dynamics	Journal of Climate, Vol 33 (7) pp: 2627-2644 DOI10.1175/JCLI-D-19-0073.1	2020
8.17	Zhang, P (Zhang, Peng) ; Wu, ZW (Wu, Zhiwei) ; Li, JP (Li, Jianping) ; Xiao, ZN (Xiao, Ziniu)	Seasonal prediction of the northern and southern temperature modes of the East Asian winter monsoon: the importance of the Arctic sea ice	Climate Dynamics, Vol. 54 (7-8), pp: 3583-3597 DOI10.1007/s00382-020-05182-w	202-
8.18	Ringgaard, IM (Ringgaard, Ida Margrethe) ; Yang, ST (Yang, Shuting) ; Kaas, E (Kaas, Eigil) ; Christensen, JH (Christensen, Jens Hesselbjerg)	Barents-Kara sea ice and European winters in EC-Earth	Climate Dynamics Vol 54 (7-8) pp: 3323-3338 DOI10.1007/s00382-020-05174-w	2020
8.19	Climate Change in the Arctic	Koenigk, T; Key, J and Vihma, T	PHYSICS AND CHEMISTRY OF THE ARCTIC ATMOSPHERE , pp.673-705	2020
8.20	Meleshko, VP (Meleshko, Valentin P.) ; Pavlova, T (Pavlova, Tatiana) ; Bobylev, LP (Bobylev, Leonid P.) ; Golubkin, P (Golubkin, Pavel)	Current and Projected Sea Ice in the Arctic in the Twenty-First Century	SEA ICE IN THE ARCTIC: PAST, PRESENT AND FUTURE Book SeriesSpringer Polar Sciences Page399-463 DOI10.1007/978-3-030-21301-5_10	2020
8.21	McGraw, MC and Barnes, EA	New Insights on Subseasonal Arctic-Midlatitude Causal Connections from a Regularized Regression	Journal of Climate ,33 (1) , pp.213-228	2020

		Model		
8.22	Zuev, VV and Savelieva, E	Arctic polar vortex splitting in early January: The role of Arctic sea ice loss	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS, 195	2019
8.23	Docquier, D (Docquier, David) ; Grist, JP (Grist, Jeremy P.) ; Roberts, MJ (Roberts, Malcolm J.) ; Roberts, CD (Roberts, Christopher D.) ; Semmler, T (Semmler, Tido) ; Ponsoni, L (Ponsoni, Leandro) ; Massonnet, F (Massonnet, Francois) ; Sidorenko, D (Sidorenko, Dmitry) ; Sein, DV (Sein, Dmitry V.) ; Iovino, D (Iovino, Doroteaciro) ; Bellucci, A (Bellucci, Alessio) ; Fichet, T	Impact of model resolution on Arctic sea ice and North Atlantic Ocean heat transport	Climate Dynamics, Vol. 53 (7-8) pp: 4989-5017 DOI10.1007/s00382-019-04840-y	2019
8.24	Pedersen, RA and Christensen, JH	Attributing Greenland Warming Patterns to Regional Arctic Sea Ice Loss	Geophysical res. Letters, 46 (17-18) , pp.10495-10503	2019
8.25	Koenigk, T and Fuentes-Franco, R	Towards normal Siberian winter temperatures?	INTERNATIONAL JOURNAL OF CLIMATOLOGY Vol 39 911), pp: .4567-4574	2019
8.26	Vihma, T (Vihma, Timo) ; Graverson, R (Graverson, Rune) ; Chen, LL (Chen, Linling) ; Handorf, D (Handorf, Doerthe) ; Skific, N (Skific, Natasa) ; Francis, JA (Francis, Jennifer A.) ; Tyrrell, N (Tyrrell, Nicholas) ; Hall, R (Hall, Richard) ; Hanna, E (Hanna, Edward) ; Uotila, P (Uotila, Petteri) ; Dethloff, K (Dethloff, Klaus) ; Karpechko, AY (Karpechko, Alexey Y.) ; Bjornsson, H (Bjornsson, Halldor) ; Overland, JE (Overland, James E.)	Effects of the tropospheric large-scale circulation on European winter temperatures during the period of amplified Arctic warming	INTERNATIONAL JOURNAL OF CLIMATOLOGY, Vol 40 (1), pp: 509-529 DOI10.1002/joc.6225	2020
8.27	Hall, RJ; Wei, HL and Hanna, E	Complex systems modelling for statistical forecasting of winter North Atlantic atmospheric variability: A new approach to North Atlantic seasonal forecasting	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY, Vol. 145 (723) , pp.2568-2585	2019
8.28				
8.29	Kolstad, EW and Screen, JA	Nonstationary Relationship Between Autumn Arctic Sea Ice and the Winter North Atlantic Oscillation	Geophysical Research Letters Vol. 46 (13) , pp.7583-7591	2019
8.30	Budikova, D; Ford, TW and Ballinger, TJ	United States Heat Wave Frequency and Arctic Ocean Marginal Sea Ice Variability	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. Vol. 124 (12) , pp.6247-6264	2019
8.31	Koenigk, T; Gao, Y; (...); Yang, S	Impact of Arctic sea ice variations on winter temperature anomalies in northern hemispheric land areas	Climate Dynamics, Vol. 52 (5-6), pp.3111-3137	2019
8.32	Schlichtholz, P	Climate impacts and Arctic precursors of changing storm track activity in the Atlantic-Eurasian region	SCIENTIFIC REPORTS, 8	2018
8.33	Blockley, EW and Peterson, KA	Improving Met Office seasonal predictions of Arctic sea ice using assimilation of CryoSat-2 thickness	CRYOSPHERE Vol 12 (11) pp.3419-3438	2018
8.34	Kolstad, EW and Arthun, M	Seasonal Prediction from Arctic Sea Surface Temperatures: Opportunities and Pitfalls	Journal of Climate Vol. 31(20), pp.8197-8210	
8.35	Tian, BQ; Fan, K and Yang, HQ	East Asian winter monsoon forecasting schemes based on the NCEP's climate forecast system	Climate Dynamics Vol. 51 (7-8), pp.2793-2805	2018
8.36	Takhsha, M (Takhsha, Maryam) ; Nikiema, O (Nikiema, Oumarou) ; Lucas-Picher, P	Dynamical downscaling with the fifth-generation	Climate Dynamics, Vol. 51 (1-2), pp: 161-	2018

	(Lucas-Picher, Philippe) ; Laprise, R (Laprise, Rene) ; Hernandez-Diaz, L (Hernandez-Diaz, Leticia) ; Winger, K (Winger, Katja)	Canadian regional climate model (CRCM5) over the CORDEX Arctic domain: effect of large-scale spectral nudging and of empirical correction of sea-surface temperature	186 DOI10.1007/s00382-017-3912-6	
8.37	Zhang, PF (Zhang, Pengfei) ; Wu, YT (Wu, Yutian) ; Simpson, IR (Simpson, Isla R.) ; Smith, KL (Smith, Karen L.) ; Zhang, XD (Zhang, Xiangdong) ; De, B (De, Bithi) ; Callaghan, P (Callaghan, Patrick)	A stratospheric pathway linking a colder Siberia to Barents-Kara Sea sea ice loss	SCIENCE ADVANCES, Vol. 7 (7) . Art No. eaat6025 DOI10.1126/sciadv.aat6025	2018
8.38	Onarheim, IH (Onarheim, Ingrid H.) ; Eldevik, T (Eldevik, Tor) ; Smedsrud, LH (Smedsrud, Lars H.) ; Stroeve, JC (Stroeve, Julienne C.)	Seasonal and Regional Manifestation of Arctic Sea Ice Loss	Journal of Climate, Vol. 31 (12) pp: 4917-4932 DOI10.1175/JCLI-D-17-0427.1	2018
8.39	McKenna, CM (McKenna, Christine M.) ; Bracegirdle, TJ (Bracegirdle, Thomas J.) ; Shuckburgh, EF (Shuckburgh, Emily F.) ; Haynes, PH (Haynes, Peter H.) ; Joshi, MM (Joshi, Manoj M.)	Arctic Sea Ice Loss in Different Regions Leads to Contrasting Northern Hemisphere Impacts	Geophysical Research Letters, Vol. 45 (2) pp: 945-954 DOI10.1002/2017GL076433	2018
8.40	Zhang, PF; Wu, YT and Smith, KL	Prolonged effect of the stratospheric pathway in linking Barents-Kara Sea sea ice variability to the midlatitude circulation in a simplified model	Climate Dynamics Vol 50 (1-2), pp: 527-539	2018
8.41	Kelleher, M and Screen, J	Atmospheric precursors of and response to anomalous Arctic sea ice in CMIP5 models	Advances in Atmospheric Sciences Vol. 35 (91) , pp 27-37	2018
8.42	Docquier, D (Docquier, David) ; Massonnet, F (Massonnet, Francois) ; Barthelemy, A (Barthelemy, Antoine) ; Tandon, NF (Tandon, Neil F.) ; Lecomte, O (Lecomte, Olivier) ; Fichefet, T (Fichefet, Thierry)	Relationships between Arctic sea ice drift and strength modelled by NEMO-LIM3.6	CRYOSPHERE, Vol. 11 (6), pp: 2829-2846 DOI10.5194/tc-11-2829-2017	2017
8.43	Weijers, S (Weijers, Stef) ; Buchwal, A (Buchwal, Agata) ; Blok, D (Blok, Daan) ; Loffler, J (Loeffler, Joerg) ; Elberling, B (Elberling, Bo)	High Arctic summer warming tracked by increased Cassiope tetragona growth in the world's northernmost polar desert	CLOBAL CHANGE BIOLOGY Vol. 23 (11) pp: 5006-5020 DOI10.1111/gcb.13747	2017
8.44	Gastineau, G; Garcia-Serrano, J and Frankignoul, C	The Influence of Autumnal Eurasian Snow Cover on Climate and Its Link with Arctic Sea Ice Cover	Journal of Climate 30 (19), pp: .7599-7619	2017
8.45	Garcia-Serrano, J (Garcia-Serrano, J.) ; Frankignoul, C (Frankignoul, C.) ; King, MP (King, M. P.) ; Arribas, A (Arribas, A.) ; Gao, Y (Gao, Y.) ; Guemas, V (Guemas, V.) ; Matei, D (Matei, D.) ; Msadek, R (Msadek, R.) ; Park, W (Park, W.) ; Sanchez-Gomez, E (Sanchez-Gomez, E.)	Multi-model assessment of linkages between eastern Arctic sea-ice variability and the Euro-Atlantic atmospheric circulation in current climate	Climate Dynamics, Vol. 49 (7-8) pp: 2407-2429 DOI10.1007/s00382-016-3454-3	2017
8.46	Koenigk, T and Brodeau, L	Arctic climate and its interaction with lower latitudes under different levels of anthropogenic warming in a global coupled climate model	Climate Dynamics 49 (1-2) pp: pp.471-492	2017
8.47	Screen, JA	Simulated Atmospheric Response to Regional and Pan-Arctic Sea Ice Loss	Journal of Climate, 30(11) pp.3945-3962	2017
8.48	Wang, L; Ting, M and Kushner, PJ	A robust empirical seasonal prediction of winter NAO and surface climate	SCIENTIFIC REPORTS 7	2017
8.49	Post, E (Post, Eric) ; Kerby, J (Kerby, Jeffrey) ; Pedersen, C (Pedersen, Christian) ; Steltzer, H (Steltzer, Heidi)	Highly individualistic rates of plant phenological advance associated with arctic sea ice dynamics	BIOLOGY LETTERS, Vol 12, (12) Art N20160332 DOI10.1098/rsbl.2016.0332o.	2016
8.50	Chen, HW; Alley, RB and Zhang, FQ	Interannual Arctic sea ice variability and associated	Journal of Geophysical Research –	2016

		winter weather patterns: A regional perspective for 1979-2014	Atmospheres. Vol. 121 (24) , pp.14433-14455	
8.51	Forbes, BC (Forbes, Bruce C.) ; Kumpula, T (Kumpula, Timo) ; Meschtyb, N (Meschtyb, Nina) ; Laptander, R (Laptander, Roza) ; Macias-Fauria, M (Macias-Fauria, Marc) ; Zetterberg, P (Zetterberg, Pentti) ; Verdonen, M (Verdonen, Mariana) ; Skarin, A (Skarin, Anna) ; Kim, KY (Kim, Kwang-Yul) ; Boisvert, LN (Boisvert, Linette N.) ; Stroeve, JC (Stroeve, Julienne C.) ; Bartsch, A (Bartsch, Annett)	Sea ice, rain-on-snow and tundra reindeer nomadism in Arctic Russia	BIOLOGY LETTERS, Vol 12 (11) Art No. 20160466 DOI10.1098/rsbl.2016.0466	2016
8.52	Zuo, JQ (Zuo, Jinqing) ; Ren, HL (Ren, Hong-Li) ; Wu, BY (Wu, Bingyi) ; Li, WJ (Li, Weijing)	Predictability of winter temperature in China from previous autumn Arctic sea ice	Climate Dynamics, Vol. 47, (7-8), pp: 2331-2343 DOI10.1007/s00382-015-2966-6	2016
8.53	Yang, XY; Yuan, XJ and Ting, MF	Dynamical Link between the Barents-Kara Sea Ice and the Arctic Oscillation	Journal of C29 (14) , pp.5103-5122climate, Vol.	2016
8.54	Luo, DH (Luo, Dehai) ; Xiao, YQ (Xiao, Yiqing) ; Yao, Y (Yao, Yao) ; Dai, AG (Dai, Aiguo) ; Simmonds, I (Simmonds, Ian) ; Franzke, CLE (Franzke, Christian L. E.)	Impact of Ural Blocking on Winter Warm Arctic-Cold Eurasian Anomalies. Part I: Blocking-Induced Amplification	Journal of Climate Vol.29 (11) pp: 3925-3947 DOI10.1175/JCLI-D-15-0611.1	2016
8.55	Ballinger, TJ and Sheridan, SC	Sea ice impacts on polar surface weather types in the North American Arctic	Climate Research117-134 67(2) pp:	2016
9	A Bellucci, R Haarsma, S Gualdi, PJ Athanasiadis, M Caian , C Cassou, al.	An assessment of a multi-model ensemble of decadal climate predictions	Climate Dynamics 44, 2787-2806. 2015	2015 / 50 citari
nr. citari fara autocitari : 50 (din total: 50 web-of-science)				
9.1	Nicoli, D (Nicoli, Dario) ; Bellucci, A (Bellucci, Alessio) ; Ruggieri, P (Ruggieri, Paolo) ; Athanasiadis, PJ (Athanasiadis, Panos J.) ; Matera, S (Matera, Stefano) ; Peano, D (Peano, Daniele) ; Fedele, G (Fedele, Giusy) ; Henin, R (Henin, Riccardo) ; Gualdi, S (Gualdi, Silvio)	The Euro-Mediterranean Center on Climate Change (CMCC) decadal prediction system	GEOSCIENTIFIC MODEL DEVELOPMENT, Vol. 16(1), pp: 179-197 DOI10.5194/gmd-16-179-2023	2023
9.2	Delgado-Torres, C (Delgado-Torres, Carlos) ; Donat, MG (Donat, Markus G.) ; Gonzalez-Reviriego, N (Gonzalez-Reviriego, Nube) ; Caron, LP (Caron, Louis-Philippe) ; Athanasiadis, PJ (Athanasiadis, Panos J.) ; Bretonniere, PA (Bretonniere, Pierre-Antoine) ; Dunstone, NJ (Dunstone, Nick J.) ; Ho, AC (Ho, An-Chi) ; Nicoli, D (Nicoli, Dario) ; Pankatz, K (Pankatz, Klaus) ; Paxian, A (Paxian, Andreas) ; Perez-Zanon, N (Perez-Zanon, Nuria) ; Cabre, MS (Samso Cabre, Margarida) ; Solaraju-Murali, B (Solaraju-Murali, Balakrishnan) ; Soret, A (Soret, Albert) ; Doblaz-Reyes, FJ (Doblaz-Reyes, Francisco J.)	Multi-Model Forecast Quality Assessment of CMIP6 Decadal Predictions	Journal of Climate, vol. 35 (13), pp: 4363-4382 DOI10.1175/JCLI-D-21-0811.1	2022
9.3	Drews, A; Huo, WJ; (...); Kruschke, T	The Sun's role in decadal climate predictability in the North Atlantic	Atmospheric Chemistry and Physics Vol. 22 (12) , pp.7893-7904	2022
9.4	Yang, CX; Bricaud, C; (...); Santoleri, R	The Role of Eddies in the North Atlantic Decadal Variability	FRONTIERS IN MARINE SCIENCE, FRONTIERS IN MARINE SCIENCE vol 9 DOI10.3389/fmars.2022.781788	2022
9.5	Mallik, P and Ghosh, T	Impact of surface-net solar radiation and soil temperature on tea production in India: a study of the Doars region in West Bengal	Regional Environmental Change, Vol. 21 (4)	2021

9.6	Mallik, P and Ghosh, T	Impact of climate on tea production: a study of the Dooars region in India	THEORETICAL AND APPLIED CLIMATOLOGY Vol. 147 (1-2) , pp.559-573	2021
9.7	Sgubin, G (Sgubin, Giovanni) ; Swingedouw, D (Swingedouw, Didier) ; Borchert, LF (Borchert, Leonard F.) ; Menary, MB (Menary, Matthew B.) ; Noel, T (Noel, Thomas) ; Loukos, H (Loukos, Harilaos) ; Mignot, J (Mignot, Juliette)	Systematic investigation of skill opportunities in decadal prediction of air temperature over Europe	Climate Dynamics, Vol. 57 (11-12) pp: 3245-3263 DOI10.1007/s00382-021-05863-0	2021
9.8	Maroon, EA (Maroon, Elizabeth A.) ; Yeager, SG (Yeager, Stephen G.) ; Danabasoglu, G (Danabasoglu, Gokhan) ; Rosenbloom, N (Rosenbloom, Nan)	Was the 2015 North Atlantic Subpolar Cold Anomaly Predictable?	Journal of Climate, Vol.34, (13) pp: 5403-5423 DOI10.1175/JCLI-D-20-0750.1	2021
9.9	Almagro, A (Almagro, Andre) ; Oliveira, PTS (Oliveira, Paulo Tarso S.) ; Neto, AAM (Meira Neto, Antonio Alves) ; Roy, T (Roy, Tirthankar) ; Troch, P (Troch, Peter)	CABra: a novel large-sample dataset for Brazilian catchments	HYDROLOGY AND EARTH SYSTEM SCIENCES. Vol. 25 (6) pp: 3105-3135 DOI10.5194/hess-25-3105-2021	2021
9.10	Feleke, HG; Savage, MJ and Tesfaye, K	Calibration and validation of APSIM-Maize, DSSAT CERES-Maize and AquaCrop models for Ethiopian tropical environments	SOUTH AFRICAN JOURNAL OF PLANT AND SOIL 38 (1) , pp.36-51 38 (1) , pp.36-51ol.	2021
9.11	Moemken, J (Moemken, Julia) ; Feldmann, H (Feldmann, Hendrik) ; Pinto, JG (Pinto, Joaquim G.) ; Buldmann, B (Buldmann, Benjamin) ; Laube, N (Laube, Natalie) ; Kadow, C (Kadow, Christopher) ; Paxian, A (Paxian, Andreas) ; Tiedje, B (Tiedje, Bente) ; Kottmeier, C (Kottmeier, Christoph) ; Marotzke, J (Marotzke, Jochem)	The regional MiKlip decadal prediction system for Europe: Hindcast skill for extremes and user-oriented variables	INTERNATIONAL JOURNAL OF CLIMATOLOGY, Vol. 41 pp: E1944-E1958 Supplement1 DOI10.1002/joc.6824	2021
9.12	Zhu, EN; Yuan, X and Wu, PL	Skillful Decadal Prediction of Droughts Over Large-Scale River Basins Across the Globe	Geophysical research Letters, Vol. 47 (17)	2020
9.13	Senatore, A (Senatore, Alfonso) ; Fuoco, D (Fuoco, Domenico) ; Sanna, A (Sanna, Antonella) ; Borrelli, A (Borrelli, Andrea) ; Mendicino, G (Mendicino, Giuseppe) ; Gualdi, S (Gualdi, Silvio) Edited by: Sergeev, YD (Sergeev, YD) ; Kvasov, DE (Kvasov, DE)	Evaluation of an Integrated Seasonal Forecast System for Agricultural Water Management in Mediterranean Regions	LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, Vol. 11973 pp: 596-603 DOI10.1007/978-3-030-39081-5_51	2020
9.14	Feldmann, H (Feldmann, Hendrik) ; Pinto, JG (Pinto, Joaquim G.) ; Laube, N (Laube, Natalie) ; Uhlig, M (Uhlig, Marianne) ; Moemken, J (Moemken, Julia) ; Pasternack, A (Pasternack, Alexander) ; Fruh, B (Frueh, Barbara) ; Pohlmann, H (Pohlmann, Holger) ; Kottmeier, C (Kottmeier, Christoph)	Skill and added value of the MiKlip regional decadal prediction system for temperature over Europe	TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY, Vol. 71 (1), DOI10.1080/16000870.2019.1618678	2019
9.15	Smith, DM (Smith, D. M.) ; Eade, R (Eade, R.) ; Scaife, AA (Scaife, A. A.) ; Caron, LP (Caron, L-P) ; Danabasoglu, G (Danabasoglu, G.) ; DelSole, TM (DelSole, T. M.) ; Delworth, T (Delworth, T.) ; Doblas-Reyes, FJ (Doblas-Reyes, F. J.) ; Dunstone, NJ (Dunstone, N. J.) ; Hermanson, L (Hermanson, L.) ; Kharin, V (Kharin, V) ; Kimoto, M (Kimoto, M.) ; Merryfield, WJ (Merryfield, W. J.) ; Mochizuki, T (Mochizuki, T.) ; Muller, WA (Mueller, W. A.) ; Pohlmann, H (Pohlmann, H.) ; Yeager, S (Yeager, S.) ; Yang, X (Yang, X.)	Robust skill of decadal climate predictions	NPJ CLIMATE AND ATMOSPHERIC SCIENCE Vol. 2, Art No. 13, DOI10.1038/s41612-019-0071-y	2019
9.16	Shastri, H (Shastri, Hiteshri) ; Ghosh, S (Ghosh, Subimal) ; Paul, S (Paul, Supantha) ; Shafizadeh-Moghadam, H (Shafizadeh-Moghadam, Hossein) ; Helbich, M (Helbich, Marco) ; Karmakar, S (Karmakar, Subhankar)	Future urban rainfall projections considering the impacts of climate change and urbanization with statistical-dynamical integrated approach	Climate Dynamics, Vol. 52 (9-10), pp: 6033-6051 DOI10.1007/s00382-018-4493-8	2019
9.17	Zhu, ED; Yuan, X and Wood, AW	Benchmark decadal forecast skill for terrestrial water	NATURE Communications,	2019

		storage estimated by an elasticity framework	Vol 10	
9.18	Kushnir, Y (Kushnir, Yochanan) ; Scaife, AA (Scaife, Adam A.) ; Arritt, R (Arritt, Raymond) ; Balsamo, G (Balsamo, Gianpaolo) ; Boer, G (Boer, George) ; Doblas-Reyes, F (Doblas-Reyes, Francisco) ; Hawkins, E (Hawkins, Ed) ; Kimoto, M (Kimoto, Masahide) ; Kolli, RK (Kolli, Rupa Kumar) ; Kumar, A (Kumar, Arun) ; Matei, D (Matei, Daniela) ; Matthes, K (Matthes, Katja) ; Muller, WA (Mueller, Wolfgang A.) ; O'Kane, T (O'Kane, Terence) ; Perlwitz, J (Perlwitz, Judith) ; Power, S (Power, Scott) ; Raphael, M (Raphael, Marilyn) ; Shimp, A (Shimp, Akihiko) ; Smith, D (Smith, Doug) ; Tuma, M (Tuma, Matthias) ; Wu, B (Wu, Bo)	Towards operational predictions of the near-term climate	NATURE climate Change Vol. 9 (2) , pp: 94-101 DOI10.1038/s41558-018-0359-7	2019
9.19	Rahaman, H (Rahaman, Hasibur) ; Venugopal, T (Venugopal, T.) ; Penny, SG (Penny, Stephen G.) ; Behringer, DW (Behringer, David W.) ; Ravichandran, M (Ravichandran, M.) ; Raju, JVS (Raju, J. V. S.) ; Srinivasu, U (Srinivasu, U.) ; Sengupta, D (Sengupta, Debasis)	Improved ocean analysis for the Indian Ocean	JOURNAL OF OPERATIONAL OCEANOGRAPHY, vol. 12(1), pp16-33, 2019	2019
9.20	Kroger, J (Kroeger, Juergen) ; Pohlmann, H (Pohlmann, Holger) ; Sienz, F (Sienz, Frank) ; Marotzke, J (Marotzke, Jochem) ; Baehr, J (Baehr, Johanna) ; Kohl, A (Koehl, Armin) ; Modali, K (Modali, Kameswarrao) ; Polkova, I (Polkova, Iuliia) ; Stammer, D (Stammer, Detlef) ; Vamborg, FSE (Vamborg, Freja S. E.) ; Muller, WA (Mueller, Wolfgang A.)	Full-field initialized decadal predictions with the MPI earth system model: an initial shock in the North Atlantic	Climate Dynamics Vol. 51 (7-8), pp: 2593-2608 DOI10.1007/s00382-017-4030-1	2018
9.21	Li, J and Wang, B	Origins of the Decadal Predictability of East Asian Land Summer Monsoon Rainfall	Journal of Climate, Vol. 16, pp: .6229-6243	2018
9.22	Monerie, PA (Monerie, Paul-Arthur) ; Robson, J (Robson, Jon) ; Dong, BW (Dong, Buwen) ; Dunstone, N (Dunstone, Nick)	A role of the Atlantic Ocean in predicting summer surface air temperature over North East Asia?	Climate Dynamics, Vol. 51 (1-2), pp: 473-491 DOI10.1007/s00382-017-3935-z	2018
9.23	Morioka, Y (Morioka, Yushi) ; Doi, T (Doi, Takeshi) ; Storto, A (Storto, Andrea) ; Masina, S (Masina, Simona) ; Behera, SK (Behera, Swadhin K.)	Role of subsurface ocean in decadal climate predictability over the South Atlantic	SCIENTIFIC REPORTS, Vol. 8, art. nr. 8523 DOI10.1038/s41598-018-26899-z	2018
9.24	Wang, B (Wang, Bin) ; Li, J (Li, Juan) ; Cane, MA (Cane, Mark A.) ; Liu, J (Liu, Jian) ; Webster, PJ (Webster, Peter J.) ; Xiang, BQ (Xiang, Baoqiang) ; Kim, HM (Kim, Hye-Mi) ; Cao, J (Cao, Jian) ; Ha, KJ (Ha, Kyung-Ja)	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance	Journal of Climate, Vol. 31, (7), pp: 2699-2714 DOI10.1175/JCLI-D-17-0521.1	2018
9.25	Stammer, D (Stammer, D.) ; Kohl, A (Koehl, A.) ; Vlasenko, A (Vlasenko, A.) ; Matei, I (Matei, I.) ; Lunkeit, F (Lunkeit, F.) ; Schubert, S (Schubert, S.)	A Pilot Climate Sensitivity Study Using the CEN Coupled Adjoint Model (CESAM)	Journal of Climate 2031-2056 DOI10.1175/JCLI-D-17-0183.1e, Vol. 31 (5) pp:	2018
9.26	Morioka, Y (Morioka, Yushi) ; Doi, T (Doi, Takeshi) ; Behera, SK (Behera, Swadhin K.)	Decadal climate predictability in the southern Indian Ocean captured by SINTEX-F using a simple SST-nudging scheme	SCIENTIFIC REPORTS, Vol.8 Art. no. 1029 DOI10.1038/s41598-018-19349-3	2018
9.27	Monerie, PA (Monerie, Paul-Arthur) ; Coquart, L (Coquart, Laure) ; Maisonnave, E (Maisonnave, Eric) ; Moine, MP (Moine, Marie-Pierre) ; Terray, L (Terray, Laurent) ; Valcke, S (Valcke, Sophie)	Decadal prediction skill using a high-resolution climate model	Climate Dynamics, Vol. 49 (9-10), pp: 3527-3550 DOI10.1007/s00382-017-3528-x	2017
9.28	Salvi, K (Salvi, Kaustubh) ; Villarini, G (Villarini, Gabriele) ; Vecchi, GA (Vecchi, Gabriel A.) ; Ghosh, S (Ghosh, Subimal)	Decadal temperature predictions over the continental United States: Analysis and Enhancement	Climate Dynamics, Vol. 49 (9-10), pp: 3587-3604 DOI10.1007/s00382-017-3532-1	2017

9.29	Bonnet, R (Bonnet, R.) ; Bae, J (Bae, J.) ; Dayon, G (Dayon, G.) ; Martin, E (Martin, E.)	Twentieth-Century Hydrometeorological Reconstructions to Study the Multidecadal Variations of the Water Cycle Over France	Water Resources Research, Vol. 53, (10), pp: 8366-8382 DOI10.1002/2017WR020596	2017
9.30	Salvi, K; Villarini, G and Vecchi, GA	High resolution decadal precipitation predictions over the continental United States for impacts assessment	Journal of Hydrology, Vol. 553, pp.559-573	2017
9.31	Akhter, J; Das, L and Deb, A	CMIP5 ensemble-based spatial rainfall projection over homogeneous zones of India	Climate Dynamics, Vol. 49 (5-6), pp: 1885-1916	2017
9.32	Chen, JW (Chen, Junwen) ; Deng, Y (Deng, Yi) ; Lin, WS (Lin, Wenshi) ; Yang, S (Yang, Song)	A Process-Based Assessment of Decadal-Scale Surface Temperature Evolutions in the NCAR CCSM4' s 25-Year Hindcast Experiments	Journal of Climate, Vol. 30, (17), pp: 6723-6736 DOI10.1175/JCLI-D-16-0869.1	2017
9.33	Liu, XY (Liu, Xueyuan) ; Kohl, A (Koehl, Armin) ; Stammer, D (Stammer, Detlef) ; Masuda, S (Masuda, Shuhei) ; Ishikawa, Y (Ishikawa, Yoichi) ; Mochizuki, T (Mochizuki, Takashi)	Impact of in-consistency between the climate model and its initial conditions on climate prediction	Climate Dynamics., Vol. 49 (3), pp: .1181-1195	2017
9.34	Volpi, D; Guemas, V and Doblas-Reyes, FJ	Comparison of full field and anomaly initialisation for decadal climate prediction: towards an optimal consistency between the ocean and sea-ice anomaly initialisation state	Climate Dynamics, Vol. 49(4), pp.1061-1075 Special IssueSI DOI10.1007/s00382-016-3194-4	2017
9.35	Yeager, SG and Robson, JI	Recent Progress in Understanding and Predicting Atlantic Decadal Climate Variability	CURRENT CLIMATE CHANGE REPORTS, Vol. 3 (2), pp: 112-127	2017
9.36	Volpi, D (Volpi, Danila) ; Guemas, V (Guemas, Virginie) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.) ; Hawkins, E (Hawkins, Ed) ; Nichols, NK (Nichols, Nancy K.)	Decadal climate prediction with a refined anomaly initialisation appro	Climate Dynamics, Vol. 48 (5-6), pp: 1841-1853 DOI10.1007/s00382-016-3176-6	2017
9.37	Langehaug, HR (Langehaug, H. R.) ; Matei, D (Matei, D.) ; Eldevik, T (Eldevik, T.) ; Lohmann, K (Lohmann, K.) ; Gao, Y (Gao, Y.)	On model differences and skill in predicting sea surface temperature in the Nordic and Barents Seas	Climate Dynamics, Vol. 48 (3-4), pp: 913-933 DOI10.1007/s00382-016-3118-3	2017
9.38	Paeth, H; Paxian, A; (...); Ahrens, B	Decadal and multi-year predictability of the West African monsoon and the role of dynamical downscaling	METEOROLOGISCHE ZEITSCHRIFT Vol. 26 (4) , pp.363-377	2017
9.39	Mohino, E; Keenlyside, N and Pohlmann, H	Decadal prediction of Sahel rainfall: where does the skill (or lack thereof) come from?	Climate Dynamics, Vol. 47 (11), pp: 3593-3612	2017
9.40	Marotzke, J (Marotzke, Jochem) ; Muller, WA (Mueller, Wolfgang A.) ; Vamborg, FSE (Vamborg, Freja S. E.) ; Becker, P (Becker, Paul) ; Cubasch, U (Cubasch, Ulrich) ; Feldmann, H (Feldmann, Hendrik) ; Kaspar, F (Kaspar, Frank) ; Kottmeier, C (Kottmeier, Christoph) ; Marini, C (Marini, Camille) ; Polkova, I (Polkova, Iuliia) ; Prommel, K (Proemmel, Kerstin) ; Rust, HW (Rust, Henning W.) ; Stammer, D (Stammer, Detlef) ; Ulbrich, U (Ulbrich, Uwe) ; Kadow, C (Kadow, Christopher) ; Kohl, A (Koehl, Armin) ; Kroger, J (Kroeger, Juergen) ; Kruschke, T (Kruschke, Tim) ; Pinto, JG (Pinto, Joaquim G.) ; Pohlmann, H (Pohlmann, Holger) ; Reyers, M (Reyers, Mark) ; Schroeder, M (Schroeder, Marc) ; Sienz, F (Siens, Frank) ; Timmreck, C (Timmreck, Claudia) ; Ziese, M (Ziese, Markus)	MIKLIP A NATIONAL RESEARCH PROJECT ON DECADEAL CLIMATE PREDICTION	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY Vol. 97 (12) pp: 2379-2394 DOI10.1175/BAMS-D-15-00184.1	2016

9.41	Haarsma, RJ (Haarsma, Reindert J.) ; Roberts, MJ (Roberts, Malcolm J.) ; Vidale, PL (Vidale, Pier Luigi) ; Senior, CA (Senior, Catherine A.) ; Bellucci, A (Bellucci, Alessio) ; Bao, Q (Bao, Qing) ; Chang, P (Chang, Ping) ; Corti, S (Corti, Susanna) ; Fuckar, NS (Fuckar, Neven S.) ; Guemas, V (Guemas, Virginie) ; von Hardenberg, J (von Hardenberg, Jost) ; Hazeleger, W (Hazeleger, Wilco) ; Kodama, C (Kodama, Chihiro) ; Koenigk, T (Koenigk, Torben) ; Leung, LR (Leung, L. Ruby) ; Lu, J (Lu, Jian) ; Luo, JJ (Luo, Jing-Jia) ; Mao, JF (Mao, Jiafu) ; Mizielinski, MS (Mizielinski, Matthew S.) ; Mizuta, R (Mizuta, Ryo) ; Nobre, P (Nobre, Paulo) ; Satoh, M (Satoh, Masaki) ; Scoccimarro, E (Scoccimarro, Enrico) ; Semmler, T (Semmler, Tido) ; Small, J (Small, Justin) ; von Storch, JS (von Storch, Jin-Song)	High Resolution Model Intercomparison Project (HighResMIP v1.0) for CMIP6	GEOSCIENTIFIC MODEL DEVELOPMENT, Vol. 9 (11) 4185-4208 DOI10.5194/gmd-9-4185-2016	2016
9.42	Yang, CY (Yang, Chao-Yuan) ; Liu, JP (Liu, Jiping) ; Hu, YY (Hu, Yongyun) ; Horton, RM (Horton, Radley M.) ; Chen, LQ (Chen, Liqi) ; Cheng, X (Cheng, Xiao)	Assessment of Arctic and Antarctic sea ice predictability in CMIP5 decadal hindcasts	CRYOSPHERE, Vol. 10 (5), pp: 2429-2452 DOI10.5194/tc-10-2429-2016	2016
9.43	Mignot, J (Mignot, Juliette) ; Garcia-Serrano, J (Garcia-Serrano, Javier) ; Swingedouw, D (Swingedouw, Didier) ; Germe, A (Germe, Agathe) ; Nguyen, S (Nguyen, Sebastien) ; Ortega, P (Ortega, Pablo) ; Guilyardi, E (Guilyardi, Eric) ; Ray, S (Ray, Sulagna)	Decadal prediction skill in the ocean with surface nudging in the IPSL-CM5A-LR climate model	Climate Dynamics, Vol. 47 (3-4), pp: 1225-1246 DOI10.1007/s00382-015-2898-1	2016
9.44	Yang, H (Yang, Hu) ; Lohmann, G (Lohmann, Gerrit) ; Wei, W (Wei, Wei) ; Dima, M (Dima, Mihai) ; Ionita, M (Ionita, Monica) ; Liu, JP (Liu, Jiping)	Intensification and poleward shift of subtropical western boundary currents in a warming climate	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS, Vol. 121 (7), pp: 4928-4945 DOI10.1002/2015JC011513	2016
9.45	Sanchez-Gomez, E (Sanchez-Gomez, Emilia) ; Cassou, C (Cassou, Christophe) ; Ruprich-Robert, Y (Ruprich-Robert, Yohan) ; Fernandez, E (Fernandez, Elodie) ; Terray, L .	Drift dynamics in a coupled model initialized for decadal forecasts	Climate Dynamics, Vol. 46 (5-6), pp: 1819-1840 DOI10.1007/s00382-015-2678-y	2016
9.46	Choi, J (Choi, Jung) ; Son, SW (Son, Seok-Woo) ; Ham, YG (Ham, Yoo-Geun) ; Lee, JY (Lee, June-Yi) ; Kim, HM (Kim, Hye-Mi)	Seasonal-to-Interannual Prediction Skills of Near-Surface Air Temperature in the CMIP5 Decadal Hindcast Experiments	Journal of Climate, Vol.29 (4), pp: 1511-1527 DOI10.1175/JCLI-D-15-0182.1	2016
9.47	Bellucci, A (Bellucci, A.) ; Haarsma, R (Haarsma, R.) ; Bellouin, N (Bellouin, N.) ; Booth, B (Booth, B.) ; Cagnazzo, C (Cagnazzo, C.) ; van den Hurk, B (van den Hurk, B.) ; Keenlyside, N (Keenlyside, N.) ; Koenigk, T (Koenigk, T.) ; Massonnet, F (Massonnet, F.) ; Materia, S (Materia, S.) ; Weiss, M (Weiss, M.)	Advancements in decadal climate predictability: The role of nonoceanic drivers	Reviews of Geophysics, Vol. 53, (2) pp: 165-202 DOI10.1002/2014RG000473	2015
9.48	Garcia-Serrano, J; Guemas, V and Doblas-Reyes, FJ	Added-value from initialization in predictions of Atlantic multi-decadal variability	Climate Dynamics, Vol. 44 (9-19), pp: .2539-2555	2015
9.49	Ruprich-Robert, Y and Cassou, C	Combined influences of seasonal East Atlantic Pattern and North Atlantic Oscillation to excite Atlantic multidecadal variability in a climate model	Climate Dynamics, Vol. 44 (1-2), pp:229-253	2015
9.50	Trends and changes of fire danger in Italy and its relationships with fire activity (1985-2008)	Viegas, DX	ADVANCES IN FOREST FIRE RESEARCH , pp.1759-1768	2014
10	NP Klingaman, SJ Woolnough, X Jiang, D Waliser, PK Xavier, J Petch, al. Mihaela Caian , Cecile Hannay, al.	Vertical structure and physical processes of the Madden-Julian oscillation: Linking hindcast fidelity to simulated diabatic heating and moistening	Journal of Geophysical Research: Atmospheres 120 (10), 4690-4717. 2015	2015 / 44 citari

nr. citari fara autocitari : 44 (din total: 46 web-of-science)				
10.1	Liang, Y and Fedorov, AV	Excitation of the Madden-Julian Oscillation in Response to Transient Ocean Warming in SPCAM	Geophysical Research letters, Vol. 49 (2)	2022
10.2	Rushley, SS (Rushley, Stephanie S.) ; Janiga, MA (Janiga, Matthew A.) ; Ridout, JA (Ridout, James A.) ; Reynolds, CA (Reynolds, Carolyn A.)	The Impact of Mean-State Moisture Biases on MJO Skill in the Navy ESPC	Monthly Weather Review, Vol. 150 (7) pp: 1725-1745 DOI10.1175/MWR-D-21-0225.1	2022
10.3	Liang, Y and Du, Y	Oceanic impacts on 50-80-day intraseasonal oscillation in the eastern tropical Indian Ocean	Climate Dynamics, Vol. 59 (5-6), pp: .1283-1296	2022
10.4	Su, CY (Su, Chun-Yian) ; Wu, CM (Wu, Chien-Ming) ; Chen, WT (Chen, Wei-Ting) ; Chen, JH (Chen, Jen-Her)	Implementation of the Unified Representation of Deep Moist Convection in the CWBGFS	Monthly Weather Review, Vol. 149 (10) pp: 3525-3539 DOI10.1175/MWR-D-21-0067.1	2022
10.5	Zhou, YH; Fang, J and Wang, SG	Impact of islands on the MJO propagation across the maritime continent: a numerical modeling study of an MJO event	Climate Dynamics, Vol. 57 (9-10) , pp.2921-2935	2021
10.6	Baba, Y	Improved intraseasonal variability in the initialization of SINTEX-F2 using a spectral cumulus parameterization	INTERNATIONAL JOURNAL OF CLIMATOLOGY, Vol. 41 (15) , pp.6690-6712	2021
10.7	Ma, HY (Ma, Hsi-Yen) ; Zhou, C (Zhou, Chen) ; Zhang, YY (Zhang, Yunyan) ; Klein, SA (Klein, Stephen A.) ; Zelinka, MD (Zelinka, Mark D.) ; Zheng, X (Zheng, Xue) ; Xie, SC (Xie, Shaocheng) ; Chen, WT (Chen, Wei-Ting) ; Wu, CM (Wu, Chien-Ming)	A multi-year short-range hindcast experiment with CESM1 for evaluating climate model moist processes from diurnal to interannual timescales	GEOSCIENTIFIC MODEL DEVELOPMENT, Vol. 14 (1), pp: 73-90 DOI10.5194/gmd-14-73-2021	2021
10.8	Zhu, JS; Kumar, A and Wang, WQ	Intraseasonal Surface Salinity Variability and the MJO in a Climate Model	Geophysical Research letters, Vol. 47 (17)	2020
10.9	Jiang, XN (Jiang, Xianan) ; Adames, AF (Adames, Angel F.) ; Kim, D (Kim, Daehyun) ; Maloney, ED (Maloney, Eric D.) ; Lin, H (Lin, Hai) ; Kim, H (Kim, Hyemi) ; Zhang, CD (Zhang, Chidong) ; DeMott, CA (DeMott, Charlotte A.) ; Klingaman, NP (Klingaman, Nicholas P.)	Fifty Years of Research on the Madden-Julian Oscillation: Recent Progress, Challenges, and Perspectives	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol. 125 (17) Art. No e2019JD030911 DOI10.1029/2019JD030911	2020
10.10	Kim, H; Janiga, MA and Pegion, K	MJO Propagation Processes and Mean Biases in the SubX and S2S Reforecasts	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol.124 (16) , pp.9314-9331	2019
10.11	Zheng, C and Chang, EKM	The Role of MJO Propagation, Lifetime, and Intensity on Modulating the Temporal Evolution of the MJO Extratropical Response	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol. 124 (10) , pp.5352-5378	2019
10.12	Nasuno, T	Moisture Transport over the Western Maritime Continent during the 2015 and 2017 YMC Sumatra Campaigns in Global Cloud-System-Resolving Simulations	SOLA, Vol. 15 , pp.99-106	2019
10.13	Wang, SG (Wang, Shuguang) ; Sobel, AH (Sobel, Adam H.) ; Tippett, MK (Tippett, Michael K.) ; Vitart, F (Vitart, Frederic)	Prediction and predictability of tropical intraseasonal convection: seasonal dependence and the Maritime Continent prediction barrier	Climate Dynamics, Vol. 52 (9-10), pp: 6015-6031 DOI10.1007/s00382-018-4492-9	2019
10.14	Liu, XW (Liu, Xiangwen) ; Li, WJ (Li, Weijing) ; Wu, TW (Wu, Tongwen) ; Li, T (Li, Tim) ; Gu, WZ (Gu, Weizong) ; Bo, ZK (Bo, Zongkai) ; Yang, B (Yang, Beng) ; Zhang,	Validity of parameter optimization in improving MJO simulation and prediction using the sub-seasonal to	Climate Dynamics, Vol. 52 (7-8), pp: 3823-3843	2019

	L (Zhang, Li) ; Jie, WH (Jie, Weihua)	seasonal forecast model of Beijing Climate Center	DOI10.1007/s00382-018-4369-y	
10.15	Baranowski, DB (Baranowski, Dariusz B.) ; Waliser, DE (Waliser, Duane E.) ; Jiang, XA (Jiang, Xianan) ; Ridout, JA (Ridout, James A.) ; Flatau, MK (Flatau, Maria K.)	Contemporary GCM Fidelity in Representing the Diurnal Cycle of Precipitation Over the Maritime Continent	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol. 124 (2), pp: 747-769 DOI10.1029/2018JD029474	2019
10.16	Radhakrishna, B; Rao, TN and Saikranthi, K	Spatial Coherence of Water Vapor and Rainfall over the Indian Subcontinent during Different Monsoon Seasons	JOURNAL OF HYDROMETEOROLOGY, Vol. 20 (1), pp: 45-58	2019
10.17	Kim, H; Vitart, F and Waliser, DE	Prediction of the Madden-Julian Oscillation: A Review	Journal of Climate, Vol. 31 (23) , pp.9425-9443	2018
10.18	Chen, G and Kirtman, BP	Long-Lived Mesoscale Convective Systems of Superparameterized CAM and the Response of CAM	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS, Vol. 10 (9), pp.2269-2286	2018
10.19	Vincent, CL and Lane, TP	Mesoscale Variation in Diabatic Heating around Sumatra, and Its Modulation with the Madden-Julian Oscillation	Monthly Weather Review, Vol. 146 (8) , pp.2599-2614	2018
10.20	Janiga, MA (Janiga, Matthew A.) ; Schreck, CJ (Schreck, Carl J.) ; Ridout, JA (Ridout, James A.) ; Flatau, M (Flatau, Maria) ; Barton, NP (Barton, Neil P.) ; Metzger, EJ (Metzger, E. Joseph) ; Reynolds, CA (Reynolds, Carolyn A.)	Subseasonal Forecasts of Convectively Coupled Equatorial Waves and the MJO: Activity and Predictive Skill	Monthly Weather Review, Vol. 146, (8), pp: 2337-2360 DOI10.1175/MWR-D-17-0261.1	2018
10.21	Matveeva, T; Gushchina, D and Dewitte, B	The seasonal relationship between intraseasonal tropical variability and ENSO in CMIP5	GEOSCIENTIFIC MODEL DEVELOPMENT, Vol.11 (6) , pp.2373-2392	2018
10.22	DeMott, CA (DeMott, Charlotte A.) ; Wolding, BO (Wolding, Brandon O.) ; Maloney, ED (Maloney, Eric D.) ; Randall, DA (Randall, David A.)	Atmospheric Mechanisms for MJO Decay Over the Maritime Continent	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol. 123 (10), pp: 5188-5204 DOI10.1029/2017JD026979	2018
10.23	Kim, JE (Kim, Ji-Eun) ; Zhang, CD (Zhang, Chidong) ; Kiladis, GN (Kiladis, George N.) ; Bechtold, P (Bechtold, Peter)	Heating and Moistening of the MJO during DYNAMO in ECMWF Reforecasts	Journal of the Atmospheric Sciences, Vol. 75 (5), pp: 1429-1452 DOI10.1175/JAS-D-17-0170.1	2018
10.24	Ahn, MS (Ahn, Min-Seop) ; Kim, D (Kim, Daehyun) ; Sperber, KR (Sperber, Kenneth R.) ; Kang, IS (Kang, In-Sik) ; Maloney, E (Maloney, Eric) ; Waliser, D (Waliser, Duane) ; Hendon, H (Hendon, Harry)	MJO simulation in CMIP5 climate models: MJO skill metrics and process-oriented diagnosis	Climate Dynamics, Vol.49 (11-12), pp: 4023-4045 DOI10.1007/s00382-017-3558-4	2017
10.25	Wang, B and Lee, SS	MJO Propagation Shaped by Zonal Asymmetric Structures: Results from 24 GCM Simulations	Journal of Climate, Vol.30 (19) , pp.7933-7952	2017
10.26	Huddart, B (Huddart, Benjamin) ; Subramanian, A (Subramanian, Aneesh) ; Zanna, L (Zanna, Laure) ; Palmer, T (Palmer, Tim)	Seasonal and decadal forecasts of Atlantic Sea surface temperatures using a linear inverse model	Climate Dynamics, Vol. 49 (5-6), pp: 1833-1845 DOI10.1007/s00382-016-3375-1	2017
10.27	Guan, B and Waliser, DE	Atmospheric rivers in 20 year weather and climate simulations: A multimodel, global evaluation	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol.122 (11) , pp.5556-5581	2017
10.28	Davini, P (Davini, Paolo) ; von Hardenberg, J (von Hardenberg, Jost) ; Corti, S (Corti,	Climate SPHINX: evaluating the impact of resolution	GEOSCIENTIFIC MODEL	2017

	Susanna) ; Christensen, HM (Christensen, Hannah M.) ; Juricke, S (Juricke, Stephan) ; Subramanian, A (Subramanian, Aneesh) ; Watson, PAG (Watson, Peter A. G.) ; Weisheimer, A (Weisheimer, Antje) ; Palmer, TN (Palmer, Tim N.)	and stochastic physics parameterisations in the EC-Earth global climate model	DEVELOPMENT, Vol. 10 (3), pp: 1383-1402 DOI10.5194/gmd-10-1383-2017	
10.29	Neena, JM; Waliser, D and Jiang, XN	Model performance metrics and process diagnostics for boreal summer intraseasonal variability	Climate Dynmaics, Vol. 48 (5-6) , pp.1661-1683	2017
10.30	Kuo, YH; Neelin, JD and Mechoso, CR	Tropical Convective Transition Statistics and Causality in the Water Vapor-Precipitation Relation	Journal of Atmospheric Sciences, Vol74 (3) , pp.915-931	2017
10.31	Peters, K (Peters, Karsten) ; Crueger, T (Crueger, Traute) ; Jakob, C (Jakob, Christian) ; Mobis, B (Mobis, Benjamin)	Improved MJO-simulation in ECHAM6.3 by coupling a Stochastic Multicloud Model to the convection scheme	Journal of Advances in Modelling Earth Systems, Vol .9 (1), pp: 193-219 DOI10.1002/2016MS000809	2017
10.32	Jiang, XN	Key processes for the eastward propagation of the Madden-Julian Oscillation based on multimodel simulations	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol.122 (2) , pp.755-770	2017
10.33	Achuthavarier, D (Achuthavarier, D.) ; Wang, H (Wang, H.) ; Schubert, SD (Schubert, S. D.) ; Sienkiewicz, M (Sienkiewicz, M.)	Impact of DYNAMO observations on NASA GEOS-5 reanalyses and the representation of MJO initiation	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol.122 (1), pp: 179-201 DOI10.1002/2016JD025363	2017
10.34	Pilon, R; Zhang, CD and Dudhia, J	Roles of deep and shallow convection and microphysics in the MJO simulated by the Model for Prediction Across Scales	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol. 121 (18) , pp.10575-10600	2016
10.35	Janiga, MA and Zhang, CD	MJO Moisture Budget during DYNAMO in a Cloud-Resolving Model	Journal of Atmospheric Sciences, Vol73 (6) , pp.2257-2278	2016
10.36	Zhao, HK; Jiang, XA and Wu, LG	Boreal Summer Synoptic-Scale Waves over the Western North Pacific in Multimodel Simulations	Journal of Climate, Vol. 29 (12) , pp.4487-4508	2016
10.37	O'Brien, TA (O'Brien, Travis A.) ; Collins, WD (Collins, William D.) ; Kashinath, K (Kashinath, Karthik) ; Rubel, O (Rubel, Oliver) ; Byna, S (Byna, Suren) ; Gu, JM (Gu, Junmin) ; Krishnan, H (Krishnan, Hari) ; Ullrich, PA (Ullrich, Paul A.)	Resolution dependence of precipitation statistical fidelity in hindcast simulations	Journal of Advances in Modelling Earth Systems, Vol. 8 (2), pp: 976-990 DOI10.1002/2016MS000671	2016
10.38	Hannah, WM; Mapes, BE and Elsaesser, GS	A Lagrangian View of Moisture Dynamics during DYNAMO	Journal of Atmospheric Sciences, Vol 73 (5) , pp.1967-1985	2016
10.39	DeMott, CA; Klingaman, NP and Woolnough, SJ	Atmosphere-ocean coupled processes in the Madden-Julian oscillation	Reviews of Geophysics, Vol. 53 (4) pp.1099-1154	2015
10.40	Ma, HY (Ma, H. -Y.) ; Chuang, CC (Chuang, C. C.) ; Klein, SA (Klein, S. A.) ; Lo, MH (Lo, M. -H.) ; Zhang, Y (Zhang, Y.) ; Xie, S (Xie, S.) ; Zheng, X (Zheng, X.) ; Ma, PL (Ma, P. -L.) ; Zhang, Y (Zhang, Y.) ; Phillips, TJ (Phillips, T. J.)	An improved hindcast approach for evaluation and diagnosis of physical processes in global climate models	Journal of Advances in Modelling Earth Systems, Vol. 7 (4), pp: 1810-1827 DOI10.1002/2015MS000490	2015
10.41	Hannah, WM; Maloney, ED and Pritchard, MS	Consequences of systematic model drift in DYNAMO MJO hindcasts with SP-CAM and CAM5	Journal of Advances in Modelling Earth Systems, Vol. 7 (3) , pp.1051-1074	2015
10.42	Del Genio, AD (Del Genio, Anthony D.) ; Wu, JB (Wu, Jingbo) ; Wolf, AB (Wolf, Audrey B.) ; Chen, YH (Chen, Yonghua) ; Yao, MS (Yao, Mao-Sung) ; Kim, D (Kim, Daehyun)	Constraints on Cumulus Parameterization from Simulations of Observed MJO Events	Journal of Climate, Vol. 28 (16), pp: 6419-6442 DOI10.1175/JCLI-D-14-00832.1	2015
10.43	Jiang, X (Jiang, Xianan) ; Waliser, DE (Waliser, Duane E.) ; Xavier, PK (Xavier, Prince	Vertical structure and physical processes of the	JOURNAL OF GEOPHYSICAL	2015

	K.) ; Petch, J (Petch, Jon) ; Klingaman, NP (Klingaman, Nicholas P.) ; Woolnough, SJ (Woolnough, Steven J.) ; Guan, B (Guan, Bin) ; Bellon, G (Bellon, Gilles) ; Crueger, T (Crueger, Traute) ; DeMott, C (DeMott, Charlotte) ; Hannay, C (Hannay, Cecile) ; Lin, H (Lin, Hai) ; Hu, WT (Hu, Wenting) ; Kim, D (Kim, Daehyun) ; Lappen, CL (Lappen, Cara-Lyn) ; Lu, MM (Lu, Mong-Ming) ; Ma, HY (Ma, Hsi-Yen) ; Miyakawa, T (Miyakawa, Tomoki) ; Ridout, JA (Ridout, James A.) ; Schubert, SD (Schubert, Siegfried D.) ; Scinocca, J (Scinocca, John) ; Seo, KH (Seo, Kyong-Hwan) ; Shindo, E (Shindo, Eiki) ; Song, XL (Song, Xiaoliang) ; Stan, C (Stan, Cristiana) ; Tseng, WL (Tseng, Wan-Ling) ; Wang, WQ (Wang, Wanqiu) ; Wu, TW (Wu, Tongwen) ; Wu, XQ (Wu, Xiaoqing) ; Wyser, K (Wyser, Klaus) ; Zhang, GJ (Zhang, Guang J.) ; Zhu, HY (Zhu, Hongyan)	Madden-Julian oscillation: Exploring key model physics in climate simulations	RESEARCH-ATMOSPHERES, Vol. 120 (10), pp: 4718-4748 DOI10.1002/2014JD022375	
10.44	Klingaman, NP (Klingaman, Nicholas P.) ; Jiang, XA (Jiang, Xianan) ; Xavier, PK (Xavier, Prince K.) ; Petch, J (Petch, Jon) ; Waliser, D (Waliser, Duane) ; Woolnough, SJ (Woolnough, Steven J.)	Vertical structure and physical processes of the Madden-Julian oscillation: Synthesis and summary	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol. 120 (10), pp: 4671-4689 DOI10.1002/2015JD023196	2015
11	DM Smith, AA Scaife, E Hawkins, R Bilbao, GJ Boer, M Caian , LP Caron, al.	Predicted chance that global warming will temporarily exceed 1.5 C	Geophysical Research Letters 45 (21), 11,895-11,903. 2018	2018 / 22 citari
nr citari fara autocitari : 22 (din total: 22 web-of-science)				
11.1	Guo, JH Guo, Junhong) ; Shen, YS (Shen, Yangshuo) ; Wang, XQ (Wang, Xiuquan) ; Liang, X (Liang, Xi) ; Liu, ZL (Liu, Zhenlu) ; Liu, L (Liu, Lvliu)	Evaluation and projection of precipitation extremes under 1.5 degrees C and 2.0 degrees C GWLs over China using bias-corrected CMIP6 models	ISCIENCE Volume 26 Issue 4 Article Number 106179 DOI 10.1016/j.isci.2023.106179	2023
11.2	Naseem, MB (Naseem, Muhammad Bilal) ; Kim, HS (Kim, Hong Soo) ; Lee, JH (Lee, Junho) ; Kim, CH (Kim, Chol Hyun) ; In, SI (In, Su-Il)	Betavoltaic Nuclear Battery: A Review of Recent Progress and Challenges as an Alternative Energy Source	JOURNAL OF PHYSICAL CHEMISTRY C Volume 127 Issue 16 Page 7565-7579	2023
11.3	Guo, JH (Guo, Junhong) ; Wang, XQ (Wang, Xiuquan) ; Fan, YR (Fan, Yurui) ; Liang, X (Liang, Xi) ; Jia, HT (Jia, Hongtao) ; Liu, L (Liu, Lvliu)	How Extreme Events in China Would Be Affected by Global Warming-Insights From a Bias-Corrected CMIP6 Ensemble	EARTHS FUTURE Volume 1 Issue 4	2023
11.4	Dunstone, N (Dunstone, Nick) ; Lockwood, J (Lockwood, Julia) ; Solaraju-Murali, B (Solaraju-Murali, Balakrishnan) ; Reinhardt, K (Reinhardt, Katja) ; Tsartsali, EE (Tsartsali, Eirini E.) ; Athanasiadis, PJ (Athanasiadis, Panos J.) ; Bellucci, A (Bellucci, Alessio) ; Brookshaw, A (Brookshaw, Anca) ; Caron, LP (Caron, Louis-Philippe) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.) ; Fruh, B (Fruh, Barbara) ; Gonzalez-Reviriego, N (Gonzalez-Reviriego, Nube) ; Gualdi, S (Gualdi, Silvio) ; Hermanson, L (Hermanson, Leon) ; Materia, S (Materia, Stefano) ; Nicodemou, A (Nicodemou, Andria) ; Nicoli, D (Nicoli, Dario) ; Pankatz, K (Pankatz, Klaus) ; Paxian, A (Paxian, Andreas) ; Scaife, A (Scaife, Adam) ; Smith, D (Smith, Doug) ; Thornton, HE (Thornton, Hazel E.)	Towards Useful Decadal Climate Services	BULLETIN of THE AMERICAN METEOROLOGICAL SOCIETY Volume 103 Issue 7 Page E1705-E1719	2023
11.5	Hermanson, L (Hermanson, Leon) ; Smith, D (Smith, Doug) ; Seabrook, M (Seabrook, Melissa) ; Bilbao, R (Bilbao, Roberto) ; Doblas-Reyes, F (Doblas-Reyes, Francisco) ; Tourigny, E (Tourigny, Etienne) ; Lapin, V (Lapin, Vladimir) ; Kharin, VV (Kharin, Viatcheslav V.) ; Merryfield, WJ (Merryfield, William J.) ; Sospedra-	WMO Global Annual to Decadal Climate Update A Prediction for 2021-25	BULLETIN of THE AMERICAN METEOROLOGICAL SOCIETY Volume 103 Issue 4 Page E1117-E1129	2022

	Alfonso, R (Sospedra-Alfonso, Reinel) ; Athanasiadis, P (Athanasiadis, Panos) ; Nicoli, D (Nicoli, Dario) ; Gualdi, S (Gualdi, Silvio) ; Dunstone, N (Dunstone, Nick) ; Eade, R (Eade, Rosie) ; Scaife, A (Scaife, Adam) ; Collier, M (Collier, Mark) ; O'Kane, T (O'Kane, Terence) ; Kitsios, V (Kitsios, Vassili) ; Sandery, P (Sandery, Paul) ; Pankatz, K (Pankatz, Klaus) ; Fruh, B (Frueh, Barbara) ; Pohlmann, H (Pohlmann, Holger) ; Muller, W (Mueller, Wolfgang) ; Kataoka, T (Kataoka, Takahito) ; Tatebe, H (Tatebe, Hiroaki) ; Ishii, M (Ishii, Masayoshi) ; Imada, Y (Imada, Yukiko) ; Kruschke, T (Kruschke, Tim) ; Koenigk, T (Koenigk, Torben) ; Karami, MP (Karami, Mehdi Pasha) ; Yang, ST (Yang, Shuting) ; Tian, T (Tian, Tian) ; Zhang, LP (Zhang, Liping) ; Delworth, T (Delworth, Tom) ; Yang, XS (Yang, Xiaosong) ; Zeng, FR (Zeng, Fanrong) ; Wang, YG (Wang, Yiguo) ; Counillon, F (Counillon, Francois) ; Keenlyside, N (Keenlyside, Noel) ; Bethke, I (Bethke, Ingo) ; Lean, J (Lean, Judith) ; Luterbacher, J (Luterbacher, Juerg) ; Kolli, RK (Kolli, Rupa Kumar) ; Kumar, A (Kumar, Arun)			
11.6	Xie, BQ (Xie, Boqiang) ; Ding, JL (Ding, Jianli) ; Ge, XY (Ge, Xiangyu) ; Li, XH (Li, Xiaohang) ; Han, LJ (Han, Lijing) ; Wang, Z (Wang, Zheng)	Estimation of Soil Organic Carbon Content in the Ebinur Lake Wetland, Xinjiang, China, Based on Multisource Remote Sensing Data and Ensemble Learning Algorithms	SENSORS Volume 22 Issue 7	2022
11.7	Marotzke, J (Marotzke, Jochem) ; Milinski, S (Milinski, Sebastian) ; Jones, CD (Jones, Christopher D.)	How close are we to 1.5 degC or 2 degC of global warming?	WEATHER Volume 77 Issue 4 Page 147-148	2022
11.8	Xi, C (Xi, Chang) ; Cao, SJ (Cao, Shi-Jie)	Challenges and Future Development Paths of Low Carbon Building Design: A Review	BUILDINGS Volume 12 Issue 2 Article Number 163	2022
11.9	Procyk, R (Procyk, Roman) ; Lovejoy, S (Lovejoy, Shaun) ; Hebert, R (Hebert, Raphael)	The fractional energy balance equation for climate projections through 2100	EARTH SYSTEM DYNAMICS Volume 13 Issue 1 Page 81-107	2022
11.10	Swaminathan, R (Swaminathan, Ranjini) ; Parker, RJ (Parker, Robert J.) ; Jones, CG (Jones, Colin G.) ; Allan, RP (Allan, Richard P.) ; Quaife, T (Quaife, Tristan) ; Kelley, DI (Kelley, Douglas I.) ; de Mora, L (de Mora, Lee) ; Walton, J (Walton, Jeremy)	The Physical Climate at Global Warming Thresholds as Seen in the UK Earth System Model	JOURNAL OF CLIMATE Volume 35 Issue 1 Page 29-48	2022
11.11	Li, H (Li, Han) ; Li, JC (Li, Jinchao) ; Fan, M (Fan, Man) ; Wang, ZY (Wang, Zhaoying) ; Li, W (Li, Wei) ; Kong, XF (Kong, Xiangfei)	Study on the performance of interactive cascade ventilation oriented to the non-uniform indoor environment requirement	ENERGY AND BUILDINGS Volume 253 Article Number 111539	2022
11.12	Li, XF (Li, Xiufen) ; Xu, YX (Xu, Yixuan) ; Wang, J (Wang, Jing) ; Wu, J (Wu, Jia) ; Song, CY (Song, Chengyu) ; Li, MC (Li, Mingcai)	A possible remote tropical forcing for the interannual variability of peak summer muggy hot days in Northeast China	ATMOSPHERIC RESEARCH Volume 264 Article Number 105860	2021
11.13	Xia, YG (Xia, Yuguo) ; Li, XH (Li, Xinhui) ; Yang, JP (Yang, Jiping) ; Zhu, SL (Zhu, Shuli) ; Wu, Z (Wu, Zhi) ; Li, J (Li, Jie) ; Li, YF (Li, Yuefei)	Elevated Temperatures Shorten the Spawning Period of Silver Carp (<i>Hypophthalmichthys molitrix</i>) in a Large Subtropical River in China	FRONTIERS IN MARINE SCIENCE Volume 8 Article Number 708109	2021
11.14	Hu, S (Hu, Shuai) ; Zhou, TJ (Zhou, Tianjun)	Skillful prediction of summer rainfall in the Tibetan Plateau on multiyear time scales	SCIENCE ADVANCES Volume 7 Issue 24 Article Number eabf9395	2021
11.15	Huang, MT (Huang Meng-Tian) ; Zhai, PM (Zhai Pan-Mao)	Achieving Paris Agreement temperature goals	ADVANCES IN CLIMATE CHANGE	2021

		requires carbon neutrality by middle century with far-reaching transitions in the whole society	RESEARCH Volume 12 Issue 2 Page 281-286	
11.16	Verfaillie, D (Verfaillie, Deborah); Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.); Donat, MG (Donat, Markus G.); Perez-Zanon, N (Perez-Zanon, Nuria); Solaraju-Murali, B (Solaraju-Murali, Balakrishnan); Torralba, V (Torralba, Veronica); Wild, S (Wild, Simon)	How Reliable Are Decadal Climate Predictions of Near-Surface Air Temperature?	Journal of Climate Volume 34 Issue 2 Page 697-713	2021
11.17	Kataoka, T (Kataoka, Takahito); Tatebe, H (Tatebe, Hiroaki); Koyama, H (Koyama, Hiroshi); Mochizuki, T (Mochizuki, Takashi); Ogochi, K (Ogochi, Koji); Naoe, H (Naoe, Hiroaki); Imada, Y (Imada, Yukiko); Shiogama, H (Shiogama, Hideo); Kimoto, M (Kimoto, Masahide); Watanabe, M (Watanabe, Masahiro)	Seasonal to Decadal Predictions With MIROC6: Description and Basic Evaluation	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS ; Volume 12 Issue 12	2020
11.18	Dunstone, N (Dunstone, Nick); Smith, D (Smith, Doug); Yeager, S (Yeager, Steve); Danabasoglu, G (Danabasoglu, Gokhan); Monerie, PA (Monerie, Paul-Arthur); Hermanson, L (Hermanson, Leon); Eade, R (Eade, Rosie); Ineson, S (Ineson, Sarah); Robson, J (Robson, Jon); Scaife, A (Scaife, Adam); Ren, HL (Ren, Hong-Li)	Skilful interannual climate prediction from two large initialised model ensembles	ENVIRONMENTAL RESEARCH LETTERS Volume 15 Issue 9 Article Number 094083	2020
11.19	King, AD (King, Andrew D.); Lane, TP (Lane, Todd P.); Henley, BJ (Henley, Benjamin J.); Brown, JR (Brown, Josephine R.)	Global and regional impacts differ between transient and equilibrium warmer worlds	NATURE CLIMATE CHANGE Volume 10 Issue 1 Page 42-+	2020
11.20	Solaraju-Murali, B (Solaraju-Murali, Balakrishnan); Caron, LP (Caron, Louis-Philippe); Gonzalez-Reviriego, N (Gonzalez-Reviriego, Nube); Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.)	Multi-year prediction of European summer drought conditions for the agricultural sector	ENVIRONMENTAL RESEARCH LETTERS Volume 14 Issue 12 Article Number 124014	2019
11.21	Lin, JW (Lin, Jyh-Woei); Chiou, JS (Chiou, Juing-Shian)	Active Probability Backpropagation Neural Network Model for Monthly Prediction of Probabilistic Seismic Hazard Analysis in Taiwan	IEEE ACCESS ; Volume 7 Page 108990-109014	2019
11.22	Xu, YY (Xu, Yangyang); Ramanathan, V (Ramanathan, Veerabhadran); Victor, DG (Victor, David G.)	Global warming will happen faster than we think	NATURE ; Volume 564 Issue 7734 Page 30-32	2018
12	F Couvreur, R Roehrig, C Rio, MP Lefebvre, M Caian , T Komori, al.	Representation of daytime moist convection over the semi-arid Tropics by parametrizations used in climate and meteorological models.	Quarterly Journal of the Royal Meteorological Society 141 (691), 2220-2236. 2015	2015 / 20 citari
nr. citari fara autocitari : 20 (din total: 22 web-of-science)				
12.1	Birch, CE (Birch, C. E.); Jackson, LS (Jackson, L. S.); Finney, DL (Finney, D. L.); Marsham, JM (Marsham, J. M.); Stratton, RA (Stratton, R. A.); Tucker, S (Tucker, S.); Chapman, S (Chapman, S.); Senior, CA (Senior, C. A.)	Future Changes in African Heatwaves and Their Drivers at the Convective Scale	Journal of Climate. Vol.35 issue 18 pp: 5981-6006 DOI10.1175/JCLI-D-21-0790.1	2022
12.2	Deng, HJ (Deng, Haijun); Pepin, NC (Pepin, N. C.); Chen, YN (Chen, Yaning); Guo, B (Guo, Bin); Zhang, SH (Zhang, Shuhua); Zhang, YQ (Zhang, Yuqing); Chen, XW (Chen, Xingwei); Gao, L (Gao, Lu); Meibing, L (Meibing, Liu); Ying, C (Ying, Chen)	Dynamics of Diurnal Precipitation Differences and Their Spatial Variations in China	Journal of Applied Meteorology and Climatology. Vol. 61 issue 8 pp: 1015-1027 DOI10.1175/JAMC-D-21-0232.1	2022
12.3	Voldoire, A (Voldoire, Aurore); Roehrig, R (Roehrig, Romain); Giordani, H (Giordani, Herve); Waldman, R (Waldman, Robin); Zhang, YY (Zhang, Yunyan); Xie, SC (Xie, Shaocheng); Bouin, MN (Bouin, Marie-Noelle)	Assessment of the sea surface temperature diurnal cycle in CNRM-CM6-1 based on its 1D coupled configuration	Geoscientific Model Development. Vol, 15 issue 8 pp: 3347-3370 DOI10.5194/gmd-15-3347-2022	2022

12.4	Colin, M and Sherwood, SC	Atmospheric Convection as an Unstable Predator-Prey Process with Memory	Journal of the Atmospheric Science. Vol. 78 (11) , pp.3781-3797	2021
12.5	Biscaro, TS (Biscaro, Thiago S.) ; Machado, LAT (Machado, Luiz A. T.) ; Giangrande, SE (Giangrande, Scott E.) ; Jensen, MP (Jensen, Michael P)	What drives daily precipitation over the central Amazon? Differences observed between wet and dry seasons	Atmospheric Chemistry and Physics. Vol 21, issue 9, pp: 6735-6754 DOI10.5194/acp-21-6735-2021	2021
12.6	Roehrig, R (Roehrig, Romain) ; Beau, I (Beau, Isabelle) ; Saint-Martin, D (Saint-Martin, David) ; Alias, A (Alias, Antoinette) ; Decharme, B (Decharme, Bertrand) ; Gueremy, JF (Gueremy, Jean-Francois) ; Voldoire, A (Voldoire, Aurore) ; Abdel-Lathif, AY (Abdel-Lathif, Ahmat Younous) ; Bazile, E (Bazile, Eric) ; Belamari, S (Belamari, Sophie) ; Blein, S (Blein, Sebastien) ; Bouniol, D (Bouniol, Dominique) ; Bouteloup, Y (Bouteloup, Yves) ; Cattiaux, J (Cattiaux, Julien) ; Chauvin, F (Chauvin, Fabrice) ; Chevallier, M (Chevallier, Matthieu) ; Colin, J (Colin, Jeanne) ; Douville, H (Douville, Herve) ; Marquet, P (Marquet, Pascal) ; Michou, M (Michou, Martine) ; Nabat, P (Nabat, Pierre) ; Oudar, T (Oudar, Thomas) ; Peyrille, P (Peyrille, Philippe) ; Piriou, JM (Piriou, Jean-Marcel) ; Melia, DSY (Melia, David Salas Y.) ; Seferian, R (Seferian, Roland) ; Senesi, S (Senesi, Stephane)	The CNRM Global Atmosphere Model ARPEGE-Climat 6.3: Description and Evaluation	Journal of Advances in Modeling Earth Systems. Vol.12, issue 7, Article number: e2020MS002075 DOI10.1029/2020MS002075	2020
12.7	Christensen, HM	Constraining stochastic parametrisation schemes using high-resolution simulations	Quarterly Journal of The Royal Meteorological Society. 146 (727) , pp.938-962	2020
12.8	Gentine, P (Gentine, Pierre) ; Massmann, A (Massmann, Adam) ; Lintner, BR (Lintner, Benjamin R.) ; Alemohammad, SH (Alemohammad, Sayed Hamed) ; Fu, R (Fu, Rong) ; Green, JK (Green, Julia K.) ; Kennedy, D (Kennedy, Daniel) ; de Arellano, JVG (de Arellano, Jordi Vila-Guerau)	Land-atmosphere interactions in the tropics - a review	Hydrology and Earth Sciences. Vol. 23, issue 10, pp: 4171-4197 DOI10.5194/hess-23-4171-2019	2019
12.9	Leger, J (Leger, Julien) ; Lafore, JP (Lafore, Jean-Philippe) ; Piriou, JM (Piriou, Jean-Marcel) ; Gueremy, JF (Gueremy, Jean-Francois)	A Simple Model of Convective Drafts Accounting for the Perturbation Pressure Term	Journal of the Atmospheric Sciences. Vol. 76 issue 10, pp: 3129-3149 DOI10.1175/JAS-D-18-0281.1	2019
12.10	Suselj, K; Kurowski, MJ and Teixeira, J	A Unified Eddy-Diffusivity/Mass-Flux Approach for Modeling Atmospheric Convection	JOURNAL OF THE ATMOSPHERIC SCIENCES	2019
12.11	Pedruzo-Bagazgoitia, X (Pedruzo-Bagazgoitia, Xabier) ; Jimenez, PA (Jimenez, Pedro A.) ; Dudhia, J (Dudhia, Jimy) ; de Arellano, JVG (Vila-Guerau de Arellano, Jordi)	Shallow Cumulus Representation and Its Interaction with Radiation and Surface at the Convection Gray Zone	Monthly Weather Review. Vol. 147, issue 7, pp: 2467-2483 DOI10.1175/MWR-D-19-0030.1	2019
12.12	Rio, C; Del Genio, AD and Hourdin, F	Ongoing Breakthroughs in Convective Parameterization	CURRENT CLIMATE CHSNGE REPORTS 5 (2) , pp.95-111	2019
12.13	Gentine, P (Gentine, P.) ; Pritchard, M (Pritchard, M.) ; Rasp, S (Rasp, S.) ; Reinaudi, G (Reinaudi, G.) ; Yacalis, G (Yacalis, G.)	Could Machine Learning Break the Convection Parameterization Deadlock?	Geophysical Research Letters, Vol. 45, issue 11 , pp: 5742-5751 DOI10.1029/2018GL078202	2018
12.14	Lac, C (Lac, Christine) ; Chaboureaud, JP (Chaboureaud, Jean-Pierre) ; Masson, V (Masson, Valery) ; Pinty, JP (Pinty, Jean-Pierre) ; Tulet, P (Tulet, Pierre) ; Escobar, J (Escobar, Juan) ; Leriche, M (Leriche, Maud) ; Barthe, C (Barthe, Christelle) ; Aouizerats, B (Aouizerats, Benjamin) ; Augros, C (Augros, Clotilde) ; Aumond, P (Aumond, Pierre) ; Auguste, F (Auguste, Franck) ; Bechtold, P (Bechtold, Peter) ; Berthet, S (Berthet, Sarah) ; Bielli, S (Bielli, Soline) ; Bosseur, F (Bosseur, Frederic) ;	Overview of the Meso-NH model version 5.4 and its applications	Geoscientific Model Development. Vol. 11, issue 5, pp: 1929-1969 DOI10.5194/gmd-11-1929-2018	2018

	Caumont, O (Caumont, Olivier) ; Cohard, JM (Cohard, Jean-Martial) ; Colin, J (Colin, Jeanne) ; Couvreur, F (Couvreur, Fleur) ; Cuxart, J (Cuxart, Joan) ; Delautier, G (Delautier, Gaelle) ; Dauhut, T (Dauhut, Thibaut) ; Ducrocq, V (Ducrocq, Veronique) ; Filippi, JB (Filippi, Jean-Baptiste) ; Gazen, D (Gazen, Didier) ; Geoffroy, O (Geoffroy, Olivier) ; Gheusi, F (Gheusi, Francois) ; Honnert, R (Honnert, Rachel) ; Lafore, JP (Lafore, Jean-Philippe) ; Brossier, CL (Brossier, Cindy Lebeau) ; Libois, Q (Libois, Quentin) ; Lunet, T (Lunet, Thibaut) ; Mari, C (Mari, Celine) ; Maric, T (Maric, Tomislav) ; Mascart, P (Mascart, Patrick) ; Moge, M (Moge, Maxime) ; Molinie, G (Molinie, Gilles) ; Nuissier, O (Nuissier, Olivier) ; Pantillon, F (Pantillon, Florian) ; Peyrille, P (Peyrille, Philippe) ; Pergaud, J (Pergaud, Julien) ; Perraud, E (Perraud, Emilie) ; Pianezze, J (Pianezze, Joris) ; Redelsperger, JL (Redelsperger, Jean-Luc) ; Ricard, D (Ricard, Didier) ; Richard, E (Richard, Evelyne) ; Riette, S (Riette, Sebastien) ; Rodier, Q (Rodier, Quentin) ; Schoetter, R (Schoetter, Robert) ; Seyfried, L (Seyfried, Leo) ; Stein, J (Stein, Joel) ; Suhre, K (Suhre, Karsten) ; Taufour, M (Taufour, Marie) ; Thouron, O (Thouron, Odile) ; Turner, S (Turner, Sandra) ; Verrelle, A (Verrelle, Antoine) ; Vie, B (Vie, Benoit) ; Visentin, F (Visentin, Florian) ; Vionnet, V (Vionnet, Vincent) ; Wautelet, P (Wautelet, Philippe)			
12.15	Abdel-Lathif, AY (Abdel-Lathif, Ahmat Younous) ; Roehrig, R (Roehrig, Romain) ; Beau, I (Beau, Isabelle) ; Douville, H (Douville, Herve)	Single-Column Modeling of Convection During the CINDY2011/DYNAMO Field Campaign With the CNRM Climate Model Version 6	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS. Vol. 10, issue 3; pp 578-6022018 DOI10.1002/2017MS001077	2018
12.16	Guichard, F and Couvreur, F	A short review of numerical cloud-resolving models	TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY, vol. 69	2017
12.17	Tawfik, AB; Lawrence, DM and Dirmeyer, PA	Representing subgrid convective initiation in the Community Earth System Model	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS. Vol. 9 (3) , pp.1740-1758	2017
12.18	Rochetin, N; Couvreur, F and Guichard, F	Morphology of breeze circulations induced by surface flux heterogeneities and their impact on convection initiation	Quarterly Journal of the Royal Meteorological Society. 143 (702) , pp.463-478	2017
12.19	Kang, SL	Regional Bowen ratio controls on afternoon moist convection: A large eddy simulation study	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, 121 (23) , pp.14056-14083	2016
12.20	Wu, CM (Wu, Chien-Ming) ; Lo, MH (Lo, Min-Hui) ; Chen, WT (Chen, Wei-Ting) ; Lu, CT (Lu, Chia-Tsung)	The impacts of heterogeneous land surface fluxes on the diurnal cycle precipitation: A framework for improving the GCM representation of land-atmosphere interactions	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, Vol. 120, issue 9, pp: 3714-3727 DOI10.1002/2014JD023030	2015
13	PK Xavier, JC Petch, NP Klingaman, SJ Woolnough, X Jiang, D.E Waliser, Mihaela Caian , Jason Cole, et al.	Vertical structure and physical processes of the Madden-Julian Oscillation: Biases and uncertainties at short range	Journal of Geophysical Research: Atmospheres 120 (10), 4749-4763. 2015	2015 / 21 citari
nr citari fara autocitari : 21 (din total: 23 web-of-science)				
13.1	Ma, HY (Ma, Hsi-Yen) ; Zhou, C (Zhou, Chen) ; Zhang, YY (Zhang, Yunyan) ; Klein,	A multi-year short-range hindcast experiment with	GEOSCIENTIFIC MODEL	2021

	SA (Klein, Stephen A.) ; Zelinka, MD (Zelinka, Mark D.) ; Zheng, X (Zheng, Xue) ; Xie, SC (Xie, Shaocheng) ; Chen, WT (Chen, Wei-Ting) ; Wu, CM (Wu, Chien-Ming)	CESM1 for evaluating climate model moist processes from diurnal to interannual timescales	DEVELOPMENT Volume 14, Issue 1, Page 73-90	
13.2	Jiang, XN (Jiang, Xianan) ; Adames, AF (Adames, Angel F.) ; Kim, D (Kim, Daehyun) ; Maloney, ED (Maloney, Eric D.) ; Lin, H (Lin, Hai) ; Kim, H (Kim, Hyemi) ; Zhang, CD (Zhang, Chidong) ; DeMott, CA (DeMott, Charlotte A.) ; Klingaman, NP (Klingaman, Nicholas P.)	Fifty Years of Research on the Madden-Julian Oscillation: Recent Progress, Challenges, and Perspectives	Journal of Geophysical Research – Atmospheres Volume 125, Issue 17, Article Number e2019JD030911	2020
13.3	Stan, C (Stan, Cristiana) ; Straus, DM (Straus, David M.)	The Impact of Cloud Representation on the Sub-Seasonal Forecasts of Atmospheric Teleconnections and Preferred Circulation Regimes in the Northern Hemisphere	Atmosphere- Ocean Volume 57 Issue 3 Page 233-248	2019
13.4	Huang, K (Huang, Kai) ; Ren, HL (Ren, Hong-Li) ; Liu, XW (Liu, Xiangwen) ; Ren, PF (Ren, Pengfei) ; Wei, YT (Wei, Yuntao) ; Mu, M (Mu, Mu)	Parameter Modulation of Madden-Julian Oscillation Behaviors in BCC_CSM1.2: The Key Role of Moisture-Shallow Convection Feedback	Atmosphere Volume 10 Issue 5 Article Number 241	2019
13.5	Liu, XW (Liu, Xiangwen) ; Li, WJ (Li, Weijing) ; Wu, TW (Wu, Tongwen) ; Li, T (Li, Tim) ; Gu, WZ (Gu, Weizong) ; Bo, ZK (Bo, Zongkai) ; Yang, B (Yang, Beng) ; Zhang, L (Zhang, Li) ; Jie, WH (Jie, Weihua)	Validity of parameter optimization in improving MJO simulation and prediction using the sub-seasonal to seasonal forecast model of Beijing Climate Center	CLIMATE DYNAMICS Volume 52 Issue 7-8 Page 3823-3843	2019
13.6	Baranowski, DB (Baranowski, Dariusz B.) ; Waliser, DE (Waliser, Duane E.) ; Jiang, XA (Jiang, Xianan) ; Ridout, JA (Ridout, James A.) ; Flatau, MK (Flatau, Maria K.)	Contemporary GCM Fidelity in Representing the Diurnal Cycle of Precipitation Over the Maritime Continent	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 124 Issue 2 Page 747-769	2019
13.7	Kim, H (Kim, Hyemi) ; Vitart, F (Vitart, Frederic) ; Waliser, DE (Waliser, Duane E.)	Prediction of the Madden-Julian Oscillation: A Review	JOURNAL OF CLIMATE Volume 31 Issue 23 Page 9425-9443	2018
13.8	Matveeva, T (Matveeva, Tatiana) ; Gushchina, D (Gushchina, Daria) ; Dewitte, B (Dewitte, Boris)	The seasonal relationship between intraseasonal tropical variability and ENSO in CMIP5	GEOSCIENTIFIC MODEL DEVELOPMENT Volume 11 Issue 6 Page 2373-2392	2018
13.9	Tang, XW (Tang, Xiaowen) ; Lee, WC (Lee, Wen-Chau) ; Bell, M (Bell, Michael)	Subrainband Structure and Dynamic Characteristics in the Principal Rainband of Typhoon Hagupit (2008)	MONTHLY WEATHER REVIEW Volume 146 Issue 1 Page 157-173	2018
13.10	Ahn, MS (Ahn, Min-Seop) ; Kim, D (Kim, Daehyun) ; Sperber, KR (Sperber, Kenneth R.) ; Kang, IS (Kang, In-Sik) ; Maloney, E (Maloney, Eric) ; Waliser, D (Waliser, Duane) ; Hendon, H (Hendon, Harry)	MJO simulation in CMIP5 climate models: MJO skill metrics and process-oriented diagnosis	CLIMATE DYNAMICS Volume 49 Issue 11-12 Page 4023-4045	2017
13.11	Neena, JM (Neena, J. M.) ; Waliser, D (Waliser, Duane) ; Jiang, XN (Jiang, Xianan)	Model performance metrics and process diagnostics for boreal summer intraseasonal variability	CLIMATE DYNAMICS Volume 48 Issue 5-6 Page 1661-1683	2017
13.12	Jiang, XN (Jiang, Xianan)	Key processes for the eastward propagation of the Madden-Julian Oscillation based on multimodel simulations	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 122 Issue 2 Page 755-770	2017
13.13	Webb, MJ (Webb, Mark J.) ; Andrews, T (Andrews, Timothy) ; Bodas-Salcedo, A (Bodas-Salcedo, Alejandro) ; Bony, S (Bony, Sandrine) ; Bretherton, CS (Bretherton,	The Cloud Feedback Model Intercomparison Project (CFMIP) contribution to CMIP6	GEOSCIENTIFIC MODEL DEVELOPMENT	2017

	Christopher S.) ; Chadwick, R (Chadwick, Robin) ; Chepfer, H (Chepfer, Helene) ; Douville, H (Douville, Herve) ; Good, P (Good, Peter) ; Kay, JE (Kay, Jennifer E.) ; Klein, SA (Klein, Stephen A.) ; Marchand, R (Marchand, Roger) ; Medeiros, B (Medeiros, Brian) ; Siebesma, AP (Siebesma, A. Pier) ; Skinner, CB (Skinner, Christopher B.) ; Stevens, B (Stevens, Bjorn) ; Tselioudis, G (Tselioudis, George) ; Tsushima, Y (Tsushima, Yoko) ; Watanabe, M (Watanabe, Masahiro)		Volume 10 Issue 1 Page 359-384	
13.14	Martin, GM (Martin, Gill M.) ; Klingaman, NP (Klingaman, Nicholas P.) ; Moise, AF (Moise, Aurel F.)	Connecting spatial and temporal scales of tropical precipitation in observations and the MetUM-GA6	Geoscientific Model Development Volume 10 Issue 1 Page 105-126	2017
13.15	Klingaman, NP (Klingaman, Nicholas P.) ; Martin, GM (Martin, Gill M.) ; Moise, A (Moise, Aurel)	ASoP (v1.0): a set of methods for analyzing scales of precipitation in general circulation models	Geoscientific Model Development. Vol 10 Issue 1 Page 57-83	2017
13.16	Pilon, R (Pilon, Romain) ; Zhang, CD (Zhang, Chidong) ; Dudhia, J (Dudhia, Jimy)	Roles of deep and shallow convection and microphysics in the MJO simulated by the Model for Prediction Across Scales	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 121 Issue 18 Page 10575-10600	2016
13.17	Zhao, HK (Zhao, Haikun) ; Jiang, XA (Jiang, Xianan) ; Wu, LG (Wu, Liguang)	Boreal Summer Synoptic-Scale Waves over the Western North Pacific in Multimodel Simulations	JOURNAL OF CLIMATE Volume 29 Issue 12 Page 4487-4508	2016
13.18	Ma, HY (Ma, H. -Y.) ; Chuang, CC (Chuang, C. C.) ; Klein, SA (Klein, S. A.) ; Lo, MH (Lo, M. -H.) ; Zhang, Y (Zhang, Y.) ; Xie, S (Xie, S.) ; Zheng, X (Zheng, X.) ; Ma, PL (Ma, P. -L.) ; Zhang, Y (Zhang, Y.) ; Phillips, TJ (Phillips, T. J.)	An improved hindcast approach for evaluation and diagnosis of physical processes in global climate models	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS Volume 7 Issue4 Page1810-1827	2015
13.19	DeMott, CA (DeMott, Charlotte A.) ; Klingaman, NP (Klingaman, Nicholas P.) ; Woolnough, SJ (Woolnough, Steven J.)	Atmosphere-ocean coupled processes in the Madden-Julian oscillation	REVIEWS OF GEOPHYSICS Volume 53 Issue 4 Page 1099-1154	2015
13.20	Klingaman, NP (Klingaman, Nicholas P.) ; Jiang, XA (Jiang, Xianan) ; Xavier, PK (Xavier, Prince K.) ; Petch, J (Petch, Jon) ; Waliser, D (Waliser, Duane) ; Woolnough, SJ (Woolnough, Steven J.)	Vertical structure and physical processes of the Madden-Julian oscillation: Synthesis and summary	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 120 Issue 10 Page4671-4689	2015
13.21	Jiang, X (Jiang, Xianan) ; Waliser, DE (Waliser, Duane E.) ; Xavier, PK (Xavier, Prince K.) ; Petch, J (Petch, Jon) ; Klingaman, NP (Klingaman, Nicholas P.) ; Woolnough, SJ (Woolnough, Steven J.) ; Guan, B (Guan, Bin) ; Bellon, G (Bellon, Gilles) ; Crueger, T (Crueger, Traute) ; DeMott, C (DeMott, Charlotte) ; Hannay, C (Hannay, Cecile) ; Lin, H (Lin, Hai) ; Hu, WT (Hu, Wenting) ; Kim, D (Kim, Daehyun) ; Lappen, CL (Lappen, Cara-Lyn) ; Lu, MM (Lu, Mong-Ming) ; Ma, HY (Ma, Hsi-Yen) ; Miyakawa, T (Miyakawa, Tomoki) ; Ridout, JA (Ridout, James A.) ; Schubert, SD (Schubert, Siegfried D.) ; Scinocca, J (Scinocca, John) ; Seo, KH (Seo, Kyong-Hwan) ; Shindo, E (Shindo, Eiki) ; Song, XL (Song, Xiaoliang) ; Stan, C (Stan, Cristiana) ; Tseng, WL (Tseng, Wan-Ling) ; Wang, WQ (Wang, Wanqiu) ; Wu, TW (Wu, Tongwen) ; Wu, XQ (Wu, Xiaoqing) ; Wyser, K (Wyser, Klaus) ; Zhang, GJ (Zhang, Guang J.) ; Zhu, HY (Zhu, Hongyan)	Vertical structure and physical processes of the Madden-Julian oscillation: Exploring key model physics in climate simulations	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume 120 Issue 10 page 4718-4748	2015
14	T Koenigk, C König Beatty, M Caian , R Döscher, K Wyser	Potential decadal predictability and its sensitivity to sea ice albedo parameterization in a global coupled model.	Climate dynamics 38, 2389-2408. 2012	2016 / 18 citari

nr. citari fara autocitari : 18 (din total: 18 web-of-science)				
14.1	Koenigk, T (Koenigk, Torben) ; Fuentes-Franco, R (Fuentes-Franco, Ramon) ; Meccia, VL (Meccia, Virna L.) ; Gutjahr, O (Gutjahr, Oliver) ; Jackson, LC (Jackson, Laura C.) ; New, AL (New, Adrian L.) ; Ortega, P (Ortega, Pablo) ; Roberts, CD (Roberts, Christopher D.) ; Roberts, MJ (Roberts, Malcolm J.) ; Arsouze, T (Arsouze, Thomas) ; Iovino, D (Iovino, Doroteaciro) ; Moine, MP (Moine, Marie-Pierre) ; Sein, DV (Sein, Dmitry V.)	Deep mixed ocean volume in the Labrador Sea in HighResMIP models	Climate Dynamics. Vol. 57 issue 7-8 pp: 1895-1918 DOI10.1007/s00382-021-05785-x	2021
14.2	Bonan, DB; Lehner, F and Holland, MM	Partitioning uncertainty in projections of Arctic sea ice	Environmental Research Letters. Vol. 16 (4)	2021
14.3	Fransner, F (Fransner, Filippa) ; Counillon, F (Counillon, Francois) ; Bethke, I (Bethke, Ingo) ; Tjiputra, J (Tjiputra, Jerry) ; Samuelsen, A (Samuelsen, Annette) ; Nummelin, A (Nummelin, Aleksii) ; Olsen, A (Olsen, Are)	Ocean Biogeochemical Predictions-Initialization and Limits of Predictability	Frontiers in Marine Science. Vol 7, Art. no. 386 DOI10.3389/fmars.2020.00386	2020
14.4	Zhang, R (Zhang, Rong) ; Sutton, R (Sutton, Rowan) ; Danabasoglu, G (Danabasoglu, Gokhan) ; Kwon, YO (Kwon, Young-Oh) ; Marsh, R (Marsh, Robert) ; Yeager, SG (Yeager, Stephen G.) ; Amrhein, DE (Amrhein, Daniel E.) ; Little, CM (Little, Christopher M.)	A Review of the Role of the Atlantic Meridional Overturning Circulation in Atlantic Multidecadal Variability and Associated Climate Impacts	Review of Geophysics. Vol. 57, issue 2, pp: 316-375 DOI10.1029/2019RG000644	2019
14.5	Koenigk, T (Koenigk, T.) ; Gao, Y (Gao, Y.) ; Gastineau, G (Gastineau, G.) ; Keenlyside, N (Keenlyside, N.) ; Nakamura, T (Nakamura, T.) ; Ogawa, F (Ogawa, F.) ; Orsolini, Y (Orsolini, Y.) ; Semenov, V (Semenov, V.) ; Suo, L (Suo, L.) ; Tian, T (Tian, T.) ; Wang, T (Wang, T.) ; Wettstein, JJ (Wettstein, J. J.) ; Yang, S (Yang, S.)	Impact of Arctic sea ice variations on winter temperature anomalies in northern hemispheric land areas	Climate Dynamics. Vol. 52 Issue 5-6 pp: 3111-3137 DOI10.1007/s00382-018-4305-1	2019
14.6	Screen, JA and Deser, C	Pacific Ocean Variability Influences the Time of Emergence of a Seasonally Ice-Free Arctic Ocean	Geophysical Research Letters, 46 (4) , pp.2222-2231	2019
14.7	Cardellach, E (Cardellach, Estel) ; Wickert, J (Wickert, Jens) ; Baggen, R (Baggen, Rens) ; Benito, J (Benito, Javier) ; Camps, A (Camps, Adriano) ; Catarino, N (Catarino, Nuno) ; Chapron, B (Chapron, Bertrand) ; Dielacher, A (Dielacher, Andreas) ; Fabra, F (Fabra, Fran) ; Flato, G (Flato, Greg) ; Fragner, H (Fragner, Heinrich) ; Gabarro, C (Gabarro, Carolina) ; Gommenginger, C (Gommenginger, Christine) ; Haas, C (Haas, Christian) ; Healy, S (Healy, Sean) ; Hernandez-Pajares, M (Hernandez-Pajares, Manuel) ; Hoeg, P (Hoeg, Per) ; Jaggi, A (Jaggi, Adrian) ; Kainulainen, J (Kainulainen, Juha) ; Khan, SA (Khan, Shfaqat Abbas) ; Lemke, NMK (Lemke, Norbert M. K.) ; Li, WQ (Li, Weiqiang) ; Nghiem, SV (Nghiem, Son V.) ; Pierdicca, N (Pierdicca, Nazzareno) ; Portabella, M (Portabella, Marcos) ; Rautiainen, K (Rautiainen, Kimmo) ; Rius, A (Rius, Antonio) ; Sasgen, I (Sasgen, Ingo) ; Semmling, M (Semmling, Maximilian) ; Shum, CK (Shum, C. K.) ; Soulat, F (Soulat, Francois) ; Steiner, AK (Steiner, Andrea K.) ; Tailhades, S (Tailhades, Sebastien) ; Thomas, M (Thomas, Maik) ; Vilaseca, R (Vilaseca, Roger) ; Zuffada, C (Zuffada, Cinzia)	GNSS Transpolar Earth Reflectometry exploring System (G-TERN): Mission Concept	IEEE ACCESS Vol.6, pp: 13980-14018 DOI10.1109/ACCESS.2018.2814072	2018
14.8	Senftleben, D (Senftleben, Daniel) ; Eyring, V (Eyring, Veronika) ; Lauer, A (Lauer, Axel) ; Righi, M (Righi, Mattia)	Temperature and sea ice hindcast skill of the Miklip decadal prediction system in the Arctic	METEOROLOGISCHE ZEITSCHRIFT, Vol. 27, issue 3 , pp: 195-208 DOI10.1127/metz/2018/0871	2018
14.9	Yang, CY (Yang, Chao-Yuan) ; Liu, JP (Liu, Jiping) ; Hu, YY (Hu, Yongyun) ; Horton, RM (Horton, Radley M.) ; Chen, LQ (Chen, Liqi) ; Cheng, X (Cheng, Xiao)	Assessment of Arctic and Antarctic sea ice predictability in CMIP5 decadal hindcasts	CRYOSPHERE, Vol. 10, issue 5 pp: 2429-2452 DOI10.5194/tc-10-2429-2016	2016

14.10	Vikhamar-Schuler, D (Vikhamar-Schuler, Dagrún) ; Isaksen, K (Isaksen, Ketil) ; Haugen, JE (Haugen, Jan Erik) ; Tommervik, H (Tommervik, Hans) ; Luks, B (Luks, Bartłomiej) ; Schuler, TV (Schuler, Thomas Vikhamar) ; Bjerke, JW (Bjerke, Jarle W.)	Changes in Winter Warming Events in the Nordic Arctic Region	Journal of Climate. Vol. 29, issue 17 pp:6223-6244 DOI10.1175/JCLI-D-15-0763.1	2016
14.11	Goessling, HF (Goessling, H. F.) ; Tietsche, S (Tietsche, S.) ; Day, JJ (Day, J. J.) ; Hawkins, E (Hawkins, E.) ; Jung, T (Jung, T.)	Predictability of the Arctic sea ice edge	Geophysical research letters. Vol. 43 issue 4, pp: 1642-1650 DOI10.1002/2015GL067232	2016
14.12	Guemas, V (Guemas, Virginie) ; Blanchard-Wrigglesworth, E (Blanchard-Wrigglesworth, Edward) ; Chevallier, M (Chevallier, Matthieu) ; Day, JJ (Day, Jonathan J.) ; Deque, M (Deque, Michel) ; Doblas-Reyes, FJ (Doblas-Reyes, Francisco J.) ; Fuckar, NS (Fuckar, Neven S.) ; Germe, A (Germe, Agathe) ; Hawkins, E (Hawkins, Ed) ; Keeley, S (Keeley, Sarah) ; Koenigk, T (Koenigk, Torben) ; Salas y Melia, D (Salas y Melia, David) ; Tietsche, S (Tietsche, Steffen)	A review on Arctic sea-ice predictability and prediction on seasonal to decadal time-scales	Quarterly Journal of the Royal Meteorological Society. Vol. 142, issue 695, Part B. DOI10.1002/qj.2401	2016
14.13	Yeager, SG; Karspeck, AR and Danabasoglu, G	Predicted slowdown in the rate of Atlantic sea ice loss	Geophysical Research Letters. 42 (24) , pp.10704-10713	2015
14.14	Bellucci, A (Bellucci, A.) ; Haarsma, R (Haarsma, R.) ; Bellouin, N (Bellouin, N.) ; Booth, B (Booth, B.) ; Cagnazzo, C (Cagnazzo, C.) ; van den Hurk, B (van den Hurk, B.) ; Keenlyside, N (Keenlyside, N.) ; Koenigk, T (Koenigk, T.) ; Massonnet, F (Massonnet, F.) ; Materia, S (Materia, S.) ; Weiss, M (Weiss, M.)	Advancements in decadal climate predictability: The role of nonoceanic drivers	Review of Geophysics. Vol. 53, issue 2, pp: 165-202 DOI10.1002/2014RG000473	2015
14.15	Seitola, T and Jarvinen, H	Decadal climate variability and potential predictability in the Nordic region: a review	Boreal Environment Research. 19 (5-6) , pp.387-407	2014
14.16	Germe, A (Germe, Agathe) ; Chevallier, M (Chevallier, Matthieu) ; Melia, DSY (Salas y Melia, David) ; Sanchez-Gomez, E (Sanchez-Gomez, Emilia) ; Cassou, C (Cassou, Christophe)	Interannual predictability of Arctic sea ice in a global climate model: regional contrasts and temporal evolution	Climate Dynamics. Vol. 43. Issue 9-10. pp: 2519-2538 DOI10.1007/s00382-014-2071-2	2014
14.17	Tietsche, S (Tietsche, S.) ; Day, JJ (Day, J. J.) ; Guemas, V (Guemas, V.) ; Hurlin, WJ (Hurlin, W. J.) ; Keeley, SPE (Keeley, S. P. E.) ; Matei, D (Matei, D.) ; Msadek, R (Msadek, R.) ; Collins, M (Collins, M.) ; Hawkins, E (Hawkins, E.)	Seasonal to interannual Arctic sea ice predictability in current global climate models	Geophysical Research Letters. Vol. 41, issue 3. pp: 1035-1043 DOI10.1002/2013GL058755	2014
14.18	Doscher, R (Doscher, R.) ; Vihma, T (Vihma, T.) ; Maksimovich, E (Maksimovich, E.)	Recent advances in understanding the Arctic climate system state and change from a sea ice perspective: a review	Atmospheric Chemistry and Physics. Vol. 14, issue 24 pp: 13571-13600 DOI10.5194/acp-14-13571-2014	2014
15	S Leroux, G Bellon, R Roehrig, M Caian , NP Klingaman, JP Lafore, al.	Inter-model comparison of subseasonal tropical variability in aquaplanet experiments: Effect of a warm pool	Journal of Advances in Modeling Earth Systems 8 (4), 1526-1551. 2016	2016 / 12 citari
nr. citari fara autocitari : 12 (din total: 12 web-of-science)				
15.1	Hwong, YL; Sherwood, SC and Fuchs, D	Can We Use 1D Models to Predict 3D Model Response to Forcing in an Idealized Framework?	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS, Vol. 14 (4)	2022
15.2	Reboredo, B and Bellon, G	Scale Sensitivity of the Gill Circulation. Part I: Equatorial Case	JOURNAL OF THE ATMOSPHERIC SCIENCES, 79 (1) , pp.3-17	2022
15.3	Reed, KA (Reed, Kevin A.) ; Silvers, LG (Silvers, Levi G.) ; Wing, AA (Wing, Allison A.) ; Hu, IK (Hu, I-Kuan) ; Medeiros, B (Medeiros, Brian)	Using Radiative Convective Equilibrium to Explore Clouds and Climate in the Community Atmosphere Model	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS, Vol. 13, issue 12, Art. No. e2021MS002539	2022

			DOI10.1029/2021MS002539	
15.4	Wu, XN (Wu, Xiaoning) ; Reed, KA (Reed, Kevin A.) ; Wolfe, CLP (Wolfe, Christopher L. P.) ; Marques, GM (Marques, Gustavo M.) ; Bachman, SD (Bachman, Scott D.) ; Bryan, FO (Bryan, Frank O.)	The Dependence of Tropical Modes of Variability on Zonal Asymmetry	GEOPHYSICAL RESEARCH LETTERS, e2021GL093966 DOI10.1029/2021GL093966Vol 48, issue 17, Art. no.	2021
15.5	Bui, HX and Maloney, ED	Changes to the Madden-Julian Oscillation in Coupled and Uncoupled Aquaplanet Simulations With 4xCO ₂	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS, Vol 12 (8)	2020
15.6	Jiang, XN; Maloney, E and Su, H	Large-scale controls of propagation of the Madden-Julian Oscillation	NPJ Climate and Atmospheric Science Vol 3 (1)	2020
15.7	Roehrig, R (Roehrig, Romain) ; Beau, I (Beau, Isabelle) ; Saint-Martin, D (Saint-Martin, David) ; Alias, A (Alias, Antoinette) ; Decharme, B (Decharme, Bertrand) ; Gueremy, JF (Gueremy, Jean-Francois) ; Voltaire, A (Voldoire, Aurore) ; Abdel-Lathif, AY (Abdel-Lathif, Ahmat Younous) ; Bazile, E (Bazile, Eric) ; Belamari, S (Belamari, Sophie) ; Blein, S (Blein, Sebastien) ; Bouniol, D (Bouniol, Dominique) ; Bouteloup, Y (Bouteloup, Yves) ; Cattiaux, J (Cattiaux, Julien) ; Chauvin, F (Chauvin, Fabrice) ; Chevallier, M (Chevallier, Matthieu) ; Colin, J (Colin, Jeanne) ; Douville, H (Douville, Herve) ; Marquet, P (Marquet, Pascal) ; Michou, M (Michou, Martine) ; Nabat, P (Nabat, Pierre) ; Oudar, T (Oudar, Thomas) ; Peyrille, P (Peyrille, Philippe) ; Piriou, JM (Piriou, Jean-Marcel) ; Melia, DSY (Melia, David Salas Y.) ; Seferian, R (Seferian, Roland) ; Senesi, S (Senesi, Stephane)	The CNRM Global Atmosphere Model ARPEGE-Climat 6.3: Description and Evaluation	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS. Vol . 12, issue 7. Art no. e2020MS002075 DOI10.1029/2020MS002075	2020
15.8	Voldoire, A (Voldoire, A.) ; Saint-Martin, D (Saint-Martin, D.) ; Senesi, S (Senesi, S.) ; Decharme, B (Decharme, B.) ; Alias, A (Alias, A.) ; Chevallier, M (Chevallier, M.) ; Colin, J (Colin, J.) ; Gueremy, JF (Gueremy, J-F) ; Michou, M (Michou, M.) ; Moine, MP (Moine, M-P) ; Nabat, P (Nabat, P.) ; Roehrig, R (Roehrig, R.) ; Melia, DSY (Salas y Melia, D.) ; Seferian, R (Seferian, R.) ; Valcke, S (Valcke, S.) ; Beau, I (Beau, I) ; Belamari, S (Belamari, S.) ; Berthet, S (Berthet, S.) ; Cassou, C (Cassou, C.) ; Cattiaux, J (Cattiaux, J.) ; Deshayes, J (Deshayes, J.) ; Douville, H (Douville, H.) ; Ethe, C (Ethe, C.) ; Franchisteguy, L (Franchisteguy, L.) ; Geoffroy, O (Geoffroy, O.) ; Levy, C (Levy, C.) ; Madec, G (Madec, G.) ; Meurdesoif, Y (Meurdesoif, Y.) ; Msadek, R (Msadek, R.) ; Ribes, A (Ribes, A.) ; Sanchez-Gomez, E (Sanchez-Gomez, E.) ; Terray, L (Terray, L.) ; Waldman, R (Waldman, R.)	Evaluation of CMIP6 DECK Experiments With CNRM-CM6-1	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS. Vol. 11 issue 7, pp: 2177-2213 DOI10.1029/2019MS001683	2019
15.9	Shi, XM (Shi, Xiaoming) ; Kim, D (Kim, Daehyun) ; Adames, AF (Adames, Angel F.) ; Sukhatme, J (Sukhatme, Jai)	WISHE-Moisture Mode in an Aquaplanet Simulation	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS. Vol. 10, issue 10, pp: 2393-2407 DOI10.1029/2018MS001441	2018
15.10	Takasuka, D (Takasuka, Daisuke) ; Satoh, M (Satoh, Masaki) ; Miyakawa, T (Miyakawa, Tomoki) ; Miura, H (Miura, Hiroaki)	Initiation Processes of the Tropical Intraseasonal Variability Simulated in an Aqua-Planet Experiment: What is the Intrinsic Mechanism for MJO Onset?	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS. Vol. 10, issue 4 , pp: 1047-1073 DOI10.1002/2017MS001243	2018
15.11	Abdel-Lathif, AY (Abdel-Lathif, Ahmat Younous) ; Roehrig, R (Roehrig, Romain) ; Beau, I (Beau, Isabelle) ; Douville, H (Douville, Herve)	Single-Column Modeling of Convection During the CINDY2011/DYNAMO Field Campaign With the	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS. Vol. 10,	2018

		CNRM Climate Model Version 6	issue 3, pp: 578-602 DOI10.1002/2017MS001077	
15.12	Lutsko, NJ	The Response of an Idealized Atmosphere to Localized Tropical Heating: Superrotation and the Breakdown of Linear Theory	Journal of Atmospheric Sciences. Vol 75 (1), pp: 3-20.	2018
16	Belda M., P. Skalák, A Farda, T Halenka, M Déqué, G Csima, J Bartholy, C. Torma, C. Boroneant C., M Caian , V. Spiridonov	CECILIA regional climate simulations for future climate: analysis of climate change signal	Advances in Meteorology 2015, 1-13. 2015	2015 / 10 citari
nr. citari fara autocitari : 10 (din total: 10 web-of-science)				
16.1	Ban, B (Ban, Beatrix) ; Szepszo, G (Szepszo, Gabriella) ; Allaga-Zsebehazi, G (Allaga-Zsebehazi, Gabriella) ; Somot, S (Somot, Samuel)	ALADIN-Climate at the Hungarian Meteorological Service: from the beginnings to the present day's results	IDOJARAS, Vol. 125, issue 4	2021
16.2	Chervenkov, H and Slavov, K	Assessment of agrometeorological indices over Southeast Europe in the context of climate change (1961-2018)	IDOJARAS, Vol 125 (2), pp 255-269.	2021
16.3	Bede-Fazekas, A and Somodi, I	The way bioclimatic variables are calculated has impact on potential distribution models	METHODS IN ECOLOGY AND EVOLUTION, WILEY 11 (12) , pp.1559-1570	2020
16.4	Chervenkov, H and Spiridonov, V	Bias Correcting of Selected ETCCDI Climate Indices for Projected Future Climate	LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, Springer, 11958 , pp.292-299	2020
16.5	Chervenkov, H (Chervenkov, Hristo) ; Ivanov, V (Ivanov, Vladimir) ; Gadzhev, G (Gadzhev, Georgi) ; Ganev, K (Ganev, Kostadin) ; Melas, D (Melas, Dimitrios)	Degree-Day Climatology over Central and Southeast Europe for the Period 1961-2018 - Evaluation in High Resolution	CYBERNETICS AND INFORMATION TECHNOLOGIES, Vol 20, issue 6, pp: 166-174, DOI10.2478/cait-2020-0070	2021
16.6	Bede-Fazekas, A and Szabo, K	Predicting future shift of drought tolerance zones of ornamental plants in Hungary	IDOJARAS Vol. 123 (1) pp: 107-126	2019
16.7	Skalak, P (Skalak, Petr) ; Farda, A (Farda, Ales) ; Zahradnicek, P (Zahradnicek, Pavel) ; Trnka, M (Trnka, Miroslav) ; Hlasny, T (Hlasny, Tomas) ; Stepanek, P (Stepanek, Petr)	Projected shift of Koppen-Geiger zones in the central Europe: A first insight into the implications for ecosystems and the society	INTERNATIONAL JOURNAL OF CLIMATOLOGY, Vol. 38, issue 9, pp: 3595-3606 DOI10.1002/joc.5520	2018
16.8	Cassardo, C (Cassardo, Claudio) ; Park, SK (Park, Seon Ki) ; Galli, M (Galli, Marco) ; Sungmin, O (Sungmin, O.)	Climate change over the high-mountain versus plain areas: Effects on the land surface hydrologic budget in the Alpine area and northern Italy	HYDROLOGY AND EARTH SYSTEM SCIENCES, Vol. 22, issue 6, pp: 3331-3350 DOI10.5194/hess-22-3331-2018	2018
16.9	Breuer, H; Acs, F and Skarbit, N	Climate change in Hungary during the twentieth century according to Feddema	THEORETICAL AND APPLIED CLIMATOLOGY 127 (3-4) , pp.853-863,	2017
16.10	Hlasny, T (Hlasny, Tomas) ; Trombik, J (Trombik, Jiri) ; Dobor, L (Dobor, Laura) ; Barcza, Z (Barcza, Zoltan) ; Barka, I (Barka, Ivan)	Future climate of the Carpathians: climate change hot-spots and implications for ecosystems	REGIONAL ENVIRONMENTAL CHANGE, Vol. 16, issue 5, pp: 1495-1506 DOI10.1007/s10113-015-0890-2	2016
17	A Devasthale, M Tjernström, M Caian , MA Thomas, BH Kahn, EJ Fetzer	Influence of the Arctic Oscillation on the vertical distribution of clouds as observed by the A-Train constellation of satellites	Atmospheric Chemistry and Physics 12 (21), 10535-10544. 2012	2012 / 15 citari

nr. citari fara autocitari : 15 (din total: 15 web-of-science)				
17.1	Noad, NC (Noad, Nick C.) ; Bonnaventure, PP (Bonnaventure, Philip P.) ; Gilson, GF (Gilson, Gaelle F.) ; Jiskoot, H (Jiskoot, Hester) ; Garibaldi, MC (Garibaldi, Madeleine C.)	Surface-based temperature inversion characteristics and impact on surface air temperatures in northwestern Canada from radiosonde data between 1990 and 2016	ARCTIC SCIENCE, DOI10.1139/AS-2022-0031	2023
17.2	Li, YX; Chang, L and Gao, GP	Impact of Arctic Oscillation on cloud radiative forcing and September sea ice retreat	ACTA OCEANOLOGICA SINICA Vol. 41 (10) pp.131-139	2022
17.3	Philipp, D; Stengel, M and Ahrens, B	Analyzing the Arctic Feedback Mechanism between Sea Ice and Low-Level Clouds Using 34 Years of Satellite Observations	Journal of Climate, Vol. 33 (17) , pp.7479-7501	2020
17.4	Nygaard, T; Naakka, T and Vihma, T	Horizontal Moisture Transport Dominates the Regional Moistening Patterns in the Arctic	Journal of Climate, Vol. 33 (16) , pp.6793-6807	2020
17.5	Nygaard, T (Nygaard, Tiina) ; Graversen, RG (Graversen, Rune G.) ; Uotila, P (Uotila, Petteri) ; Naakka, T (Naakka, Tuomas) ; Vihma, T (Vihma, Timo)	Strong Dependence of Wintertime Arctic Moisture and Cloud Distributions on Atmospheric Large-Scale Circulation	Journal of Climate, Vol. 32 (4), pp: 8771-8790 DOI10.1175/JCLI-D-19-0242.1	2019
17.6	Vaideanu, P; Dima, M and Voiculescu, M	Atlantic Multidecadal Oscillation footprint on global high cloud cover	THEORETICAL AND APPLIED CLIMATOLOGY, Vol. 134 (3-4) , pp.1245-1256	2018
17.7	Taylor, PC (Taylor, Patrick C.) ; Hegyi, BM (Hegyi, Bradley M.) ; Boeke, RC (Boeke, Robyn C.) ; Boisvert, LN (Boisvert, Linette N.)	On the Increasing Importance of Air-Sea Exchanges in a Thawing Arctic: A Review	Atmosphere, Vol. 9 (2), art. no. 41 DOI10.3390/atmos9020041	2018
17.8	Liu, YH (Liu, Yinghui) ; Shupe, MD (Shupe, Matthew D.) ; Wang, ZE (Wang, Zhien) ; Mace, G (Mace, Gerald)	Cloud vertical distribution from combined surface and space radar-lidar observations at two Arctic atmospheric observatories	ATMOSPHERIC CHEMISTRY AND PHYSICS, Vol. 17 (9), pp: 5973-5989 DOI10.5194/acp-17-5973-2017	2017
17.9	Yom-Tov, E (Yom-Tov, Elad) ; Yom-Tov, Y (Yom-Tov, Yoram) ; Yom-Tov, S (Yom-Tov, Shlomith) ; Andersen, M (Andersen, Mogens) ; Rosenfeld, D (Rosenfeld, Daniel) ; Devasthale, A (Devasthale, Abhay) ; Geffen, E (Geffen, Eli)	The complex effects of geography, ambient temperature, and North Atlantic Oscillation on the body size of Arctic hares in Greenland	BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY, Vol 120 (4), pp: 909-918 Published APR 1 2017	2017
17.10	Sotiropoulou, G (Sotiropoulou, Georgia) ; Tjernstrom, M (Tjernstrom, Michael) ; Sedlar, J (Sedlar, Joseph) ; Achtert, P (Achtert, Peggy) ; Brooks, BJ (Brooks, Barbara J.) ; Brooks, IM (Brooks, Ian M.) ; Persson, POG (Persson, P. Ola G.) ; Prytherch, J (Prytherch, John) ; Salisbury, DJ (Salisbury, Dominic J.) ; Shupe, MD (Shupe, Matthew D.) ; Johnston, PE (Johnston, Paul E.) ; Wolfe, D (Wolfe, Dan)	Atmospheric Conditions during the Arctic Clouds in Summer Experiment (ACSE): Contrasting Open Water and Sea Ice Surfaces during Melt and Freeze-Up Seasons	Journal of Climate, Vol. 29 (24), pp: 8721-8744 DOI10.1175/JCLI-D-16-0211.1	2016
17.11	Devasthale, A (Devasthale, Abhay) ; Sedlar, J (Sedlar, Joseph) ; Kahn, BH (Kahn, Brian H.) ; Tjernstrom, M (Tjernstrom, Michael) ; Fetzer, EJ (Fetzer, Eric J.) ; Tian, B (Tian, Baijun) ; Teixeira, J (Teixeira, Joao) ; Pagano, TS (Pagano, Thomas S.)	A DECADE OF SPACEBORNE OBSERVATIONS OF THE ARCTIC ATMOSPHERE Novel. Insights from NASA's AIRS Instrument	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY, Vol. 97, (11), pp:2163-2176 DOI10.1175/BAMS-D-14-00202.1	2021
17.12	Sioris, CE (Sioris, Christopher E.) ; Zou, J (Zou, Jason) ; Plummer, DA (Plummer, David A.) ; Boone, CD (Boone, Chris D.) ; McElroy, CT (McElroy, C. Thomas) ; Sheese, PE (Sheese, Patrick E.) ; Moeini, O (Moeini, Omid) ; Bernath, PF (Bernath, Peter F.)	Upper tropospheric water vapour variability at high latitudes - Part 1: Influence of the annular modes	ATMOSPHERIC CHEMISTRY AND PHYSICS, Vol. 16 (5), pp: 3265-3278 DOI10.5194/acp-16-3265-2016	2016
17.13	Li, Y (Li, Ying) ; Thompson, DWJ (Thompson, David W. J.) ; Huang, Y (Huang, Yi) ;	Observed linkages between the northern annular	Geophysical Research Letters, Vol. 41 (5),	2014

	Zhang, MH (Zhang, Minghong)	mode/North Atlantic Oscillation, cloud incidence, and cloud radiative forcing	pp: 1681-1688 DOI10.1002/2013GL059113	
17.14	Thomas, MA and Devasthale, A	Sensitivity of free tropospheric carbon monoxide to atmospheric weather states and their persistency: an observational assessment over the Nordic countries	ATMOSPHERIC CHEMISTRY AND PHYSICS, Vol.14 (21) , pp.11545-11555	2014
17.15	Devasthale, A (Devasthale, A.) ; Sedlar, J (Sedlar, J.) ; Koenigk, T (Koenigk, T.) ; Fetzer, EJ (Fetzer, E. J.)	The thermodynamic state of the Arctic atmosphere observed by AIRS: comparisons during the record minimum sea ice extents of 2007 and 2012	ATMOSPHERIC CHEMISTRY AND PHYSICS, Vol. 13 (15), pp: 7441-7450 DOI10.5194/acp-13-7441-2013	2013
18	F Georgescu, S Tascu, M Caian , D Banciu	A severe blizzard event in Romania—a case study	Natural Hazards and Earth System Sciences 9 (2), 623-634. 2009	2009 / 9 citari
nr citari fara autocitari : 9 (din total: 11 web-of-science)				
18.1	Margarint, MC (Margarint, Mihai Ciprian) ; Niculita, M (Niculita, Mihai) ; Roder, G (Roder, Giulia) ; Tarolli, P (Tarolli, Paolo)	Risk perception of local stakeholders on natural hazards: implications for theory and practice	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, Vol. 21, (11), pp: 3251-3283 DOI10.5194/nhess-21-3251-2021	2021
18.2	Niacsu, L (Niacsu, Lilian) ; Sfica, L (Sfica, Lucian) ; Ursu, A (Ursu, Adrian) ; Ichim, P (Ichim, Pavel) ; Bobric, DE (Bobric, Diana Elena) ; Breaban, IG (Breaban, Iuliana Gabriela)	Wind erosion on arable lands, associated with extreme blizzard conditions within the hilly area of Eastern Romania	Environmental Research, Vo. 169 , pp: 86-101 DOI10.1016/j.envres.2018.11.008	2019
18.3	Todorova, N (Todorova, Nadezhda) ; Alyomov, SV (Alyomov, Sergey) ; Chiotoroiu, BC (Chiotoroiu, Brindusa) ; Fach, B (Fach, Bettina) ; Osadchaya, TS (Osadchaya, Tatyana) ; Rangelov, M (Rangelov, Miroslav) ; Salihoglu, B (Salihoglu, Baris) ; Vasilev, V (Vasilev, Vasil)	Black Sea	WORLD SEAS: AN ENVIRONMENTAL EVALUATION, VOL I: EUROPE, THE AMERICAS AND WEST AFRICA, 2ND EDITION, pp: 209-226 DOI10.1016/B978-0-12-805068-2.00011-5	2019
18.4	Iriza, A; Dumitrache, RC and Lupascu, A	THE INFLUENCE OF TOPOGRAPHY CHARACTERISTICS ON THE NUMERICAL WEATHER FORECAST WITH THE WRF MODEL IN CASES OF SEVERE WEATHER	ROMANIAN REPORTS IN PHYSICS, Vol. 67 (3) , pp.1128-1137	2015
18.5	Chiotoroiu, B; Ivanova, V and Apostol, L	ATMOSPHERIC PATTERNS DURING THE STORMS FROM JANUARY 2014 IN BULGARIA AND ROMANIA	PRESENT ENVIRONMENT AND SUSTAINABLE DEVELOPMENT, Vol. 169 , pp.86-101	2014
18.6	Mihailov, ME (Mihailov, Maria Emanuela) ; Diaconu, V (Diaconu, Vasile) ; Buga, L (Buga, Luminita) ; Stefan, S (Stefan, Sabina) ; Tomescu-Chivu, MI (Tomescu-Chivu, Maria Ionela) ; Ganea, G (Ganea, Gabriel) ; Malciu, V (Malciu, Viorel) ; Matei, S (Matei, Silviu)	WAVE CHARACTERISTICS IN THE ROMANIAN NEARSHORE WATERS	GEOCONFERENCE ON WATER RESOURCES, FOREST, MARINE AND OCEAN ECOSYSTEMS, pp 879-886	2013
18.7	Frick, C and Wernli, H	A Case Study of High-Impact Wet Snowfall in Northwest Germany (25-27 November 2005): Observations, Dynamics, and Forecast Performance	Weather and Forecasting. Vol 27 (5) , pp.1217-1234	2012
18.8	Andrei, S and Roman, I	SEVERE WEATHER PHENOMENA IN SOUTHERN ROMANIA IN ASSOCIATION WITH BLOCKING CIRCULATION OVER EURO-ATLANTIC AREA DURING THE COLD SEASON	ROMANIAN REPORTS IN PHYSICS, Vol. 64 (1) , pp.246-262	2012

18.9	Loukas, A; Llasat, MC and Ulbrich, U	"Extreme events induced by weather and climate change: evaluation, forecasting and proactive planning" Preface	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, Vol. 10 (9) , pp.1895-1897	2010
19	GM Martin, P Peyrillé, R Roehrig, C Rio, M Caian , G Bellon, F Codron, at. al.	Understanding the West African Monsoon from the analysis of diabatic heating distributions as simulated by climate models	Journal of Advances in Modeling Earth Systems 9 (1), 239-270. 2017	2017 / 8 citari
nr citari fara autocitari : 8 (din total: 9 web-of-science)				
19.1	Giordani, H and Peyrille, P	Dynamics of the Atlantic Marine Intertropical Convergence Zone	Journal of Geophysical research- Atmosphere, Vol. 127 (16)	2022
19.2	Solmon, F (Solmon, F.) ; Elguindi, N (Elguindi, N.) ; Mallet, M (Mallet, M.) ; Flamant, C (Flamant, C.) ; Formenti, P (Formenti, P.)	West African monsoon precipitation impacted by the South Eastern Atlantic biomass burning aerosol outflow	NPJ CLIMATE AND ATMOSPHERIC SCIENCE Vol. 4 (1) Art. no. 54 DOI10.1038/s41612-021-00210-w	2021
19.3	Roehrig, R (Roehrig, Romain) ; Beau, I (Beau, Isabelle) ; Saint-Martin, D (Saint-Martin, David) ; Alias, A (Alias, Antoinette) ; Decharme, B (Decharme, Bertrand) ; Gueremy, JF (Gueremy, Jean-Francois) ; Voltaire, A (Voltaire, Aurore) ; Abdel-Lathif, AY (Abdel-Lathif, Ahmat Younous) ; Bazile, E (Bazile, Eric) ; Belamari, S (Belamari, Sophie) ; Blein, S (Blein, Sebastien) ; Bouniol, D (Bouniol, Dominique) ; Bouteloup, Y (Bouteloup, Yves) ; Cattiaux, J (Cattiaux, Julien) ; Chauvin, F (Chauvin, Fabrice) ; Chevallier, M (Chevallier, Matthieu) ; Colin, J (Colin, Jeanne) ; Douville, H (Douville, Herve) ; Marquet, P (Marquet, Pascal) ; Michou, M (Michou, Martine) ; Nabat, P (Nabat, Pierre) ; Oudar, T (Oudar, Thomas) ; Peyrille, P (Peyrille, Philippe) ; Piriou, JM (Piriou, Jean-Marcel) ; Melia, DSY (Melia, David Salas Y.) ; Seferian, R (Seferian, Roland) ; Senesi, S (Senesi, Stephane)	The CNRM Global Atmosphere Model ARPEGE-Climat 6.3: Description and Evaluation	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS Vol. 12 (7) Art no: e2020MS002075 DOI10.1029/2020MS002075	2020
19.4	Largeroy, Y (Largeroy, Yann) ; Guichard, F (Guichard, Françoise) ; Roehrig, R (Roehrig, Romain) ; Couvreux, F (Couvreux, Fleur) ; Barbier, J (Barbier, Jessica)	The April 2010 North African heatwave: when the water vapor greenhouse effect drives nighttime temperatures	Climate Dynamics, Vol. 54 (9-10), pp: 3879-3905 DOI10.1007/s00382-020-05204-7	2020
19.5	Dixon, RD; Peyrille, P and Guichard, F	Sahelian Precipitation Change Induced by SST Increase: The Contrasting Roles of Regional and Larger-Scale Drivers	Geophysical Research Letters. Vol 46 (20) , pp.11378-11387	2019
19.6	Jin, L (Jin, L.) ; Zhang, H (Zhang, H.) ; Moise, A (Moise, A.) ; Martin, G (Martin, G.) ; Milton, S (Milton, S.) ; Rodriguez, J (Rodriguez, J.)	Australia-Asian monsoon in two versions of the UK Met Office Unified Model and their impacts on tropical-extratropical teleconnections	Climate Dynamics, Vol. 53 (7-8); pp: 4717-4741 DOI10.1007/s00382-019-04821-1	2019
19.7	Abdel-Lathif, AY (Abdel-Lathif, Ahmat Younous) ; Roehrig, R (Roehrig, Romain) ; Beau, I (Beau, Isabelle) ; Douville, H (Douville, Herve)	Single-Column Modeling of Convection During the CINDY2011/DYNAMO Field Campaign With the CNRM Climate Model Version 6	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS, Vol. 10, (3), pp: 578-602 DOI10.1002/2017MS001077	2018
19.8	Lauer, A (Lauer, Axel) ; Jones, C (Jones, Colin) ; Eyring, V (Eyring, Veronika) ; Evaldsson, M (Evaldsson, Martin) ; Stefan, HA (Stefan, Hagemann A.) ; Makela, J (Makela, Jarmo) ; Martin, G (Martin, Gill) ; Roehrig, R (Roehrig, Romain) ; Wang, SY (Wang, Shiyu)	Process-level improvements in CMIP5 models and their impact on tropical variability, the Southern Ocean, and monsoons	EARTH SYSTEM DYNAMICS, Vol. 9 (1), pp: 33-67 DOI10.5194/esd-9-33-2018	2018

20	Skalák P, M Déqué, M Belda, A Farda, T Halenka, G Csima, J Bartholy, M. Caian , V. Spiridonov.	CECILIA regional climate simulations for the present climate: validation and inter-comparison	Climate research 60 (1), 1-12. 2014	2014 / 5 citari
nr. citari fara autocitari : 5 (din total: 6 web-of-science)				
20.1	Guttler, I (Guttler, Ivan) ; Stilinovic, T (Stilinovic, Tomislav) ; Srnec, L (Srnec, Lidija) ; Brankovic, C (Brankovic, Cedo) ; Coppola, E (Coppola, Erika) ; Giorgi, F (Giorgi, Filippo)	Performance of RegCM4 simulations over Croatia and adjacent climate regions	INTERNATIONAL JOURNAL OF CLIMATOLOGY, Vol. 40 (14), pp: 5843-5862 DOI10.1002/joc.6552	2020
20.2	Skalak, P (Skalak, Petr) ; Farda, A (Farda, Ales) ; Zahradnicek, P (Zahradnicek, Pavel) ; Trnka, M (Trnka, Miroslav) ; Hlasny, T (Hlasny, Tomas) ; Stepanek, P (Stepanek, Petr)	Projected shift of Koppen-Geiger zones in the central Europe: A first insight into the implications for ecosystems and the society	INTERNATIONAL JOURNAL OF CLIMATOLOGY, Vol. 38 (9), pp: 3595-3606 DOI10.1002/joc.5520	2018
20.3	Cassardo, C (Cassardo, Claudio) ; Park, SK (Park, Seon Ki) ; Galli, M (Galli, Marco) ; Sungmin, O (Sungmin, O.)	Climate change over the high-mountain versus plain areas: Effects on the land surface hydrologic budget in the Alpine area and northern Italy	HYDROLOGY AND EARTH SYSTEM SCIENCES, Vol. 22 (6), pp: 3331-3350 DOI10.5194/hess-22-3331-2018	2018
20.4	Nadeem, I and Formayer, H	Sensitivity studies of high-resolution RegCM3 simulations of precipitation over the European Alps: the effect of lateral boundary conditions and domain size	THEORETICAL AND APPLIED CLIMATOLOGY, 126 (3-4) , pp.617-630	2016
20.5	Kysely, J (Kysely, Jan) ; Rulfova, Z (Rulfova, Zuzana) ; Farda, A (Farda, Ales) ; Hanel, M (Hanel, Martin)	Convective and stratiform precipitation characteristics in an ensemble of regional climate model simulations	Climate Dynamics, Vol. 46 (1-2), pp: 227-243 DOI10.1007/s00382-015-2580-7	2016
21	Chadwick R, GM Martin, D Copsey, G Bellon, M Caian , F Codron, C Rio, al.	Examining the West African Monsoon circulation response to atmospheric heating in a GCM dynamical core.	Journal of Advances in Modeling Earth Systems 9 (1), 149-167. 2016	2016 / 3 citari
nr. citari fara autocitari : 3 (din total: 4 web-of-science)				
21.1	Su, ZK (Su, Zhenkuan) ; Sun, X (Sun, Xun) ; Devineni, N (Devineni, Naresh) ; Lall, U (Lall, Upmanu) ; Hao, ZC (Hao, Zhenchun) ; Chen, X (Chen, Xi)	The effects of pre-season high flows, climate, and the Three Gorges Dam on low flow at the Three Gorges Region, China	HYDROLOGICAL PROCESSES, Vol. 34 (9), pp: 2088-2100 DOI10.1002/hyp.13714	2020
21.2	Dixon, RD; Peyrille, P and Guichard, F	Sahelian Precipitation Change Induced by SST Increase: The Contrasting Roles of Regional and Larger-Scale Drivers	Geophysical Research Letters, Vol. 46 (20) , pp.11378-11387	2019
21.3	Dixit, V (Dixit, Vishal) ; Sherwood, S (Sherwood, Steven) ; Geoffroy, O (Geoffroy, Olivier) ; Mantsis, D (Mantsis, Damianos)	The Role of Nonlinear Drying above the Boundary Layer in the Mid-Holocene African Monsoon	Journal of Climate, Vol. 31 (1), pp: 233-249 DOI10.1175/JCLI-D-17-0234.1	2018

Criteria minimale pentru activitatea didactica si profesionala conform ORDIN nr. 6129 din 20 decembrie 2016

Data,

17 iunie, 2023

Semnatura,

CS1 Mihaela CAIAN