


## Personal information

## Gabriel Ion



 3 Constantin Titel Petrescu, Bucharest, România

 +40740244897

 [gion@geoecomar.ro](mailto:gion@geoecomar.ro)

**Birth date:** April 14, 1958 **Citizenship** Romanian

## Professional experience

April 1995 - present

Senior scientist

Institutul National de Cercetare – Dezvoltare pentru Geologie si Geoecologie  
Marina – GeoEcoMar,  
23-25 Dimitrie Onciul, RO-024053, Bucuresti, Romania.  
Phone./Fax: +40-2522594  
[www.geoecomar.ro](http://www.geoecomar.ro)

Work experience

research domains: marine geology and geophysics, GIS

**1995 – present:** senior researcher in marine geology and geophysics, inland water researches regarding water bottom morphology and structure at INCĐ - GeoEcoMar Bucharest, 23-25, Dimitrie Onciul, RO-024053, Bucharest, Romania

**1990-1995** researcher at Geological and Geophysical Institute, Bucharest, Romania; researches in geophysics using seismic and electromagnetic methods.

**1988 - 1990** project design engineer in geotechnics, Research Institute for Land Reclamation and Design Studies, Bucharest, Romania

**1984-1988** field engineer in geophysics, electromagnetic methods at Geological and Geophysical Prospecting Enterprise, Bucharest, Romania

**Main activities and responsibilities:** head of Seismo-acoustics research team at INCĐ GeoEcoMar, coordination and participation in national and international research studies and commercial projects in the marine, fluvial and lakes environments; former Head of seismoacoustics and GIS Department at INCĐ GeoEcoMar.

Specializations in high resolution seismoacoustics methods (PhD thesis) and marine data management, including GIS. International courses for data management and GIS as: IOC/IODE Training Course on Marine Geological and Geophysical Data Management, 1995 and IOC-ICSU-IAEA-EU Training Course on Marine Geological and Geophysical Data Management for the Countries of the Black and Caspian Seas Regions, 1997 and UNESCO GIS Training Course, 1998

## EDUCATION

Ph.D. diploma in Earth Science (Geology, geophysics domain) Bucharest University, (2001)

MS diploma Bucharest University, 1984

## PUBLICATIONS

**Ion G.**, 2000: High resolution sub-bottom profiling - p. 46-60, in Komex cruise report – Kiel, Germany

**Ion G. et. al.**, 2002: Seismo-acoustics evidence of gases in sedimentary edifices of the paleoDanube realm. *CIESM Workshop Series no. 7*, 91-95

H.K. Wong, T. Ludmann, B.V. Baranov, B.Ya. Karp, P. Konerding, **G. Ion**, 2003: Bottom current-controlled sedimentation and mass wasting in the northwestern Sea of Okhotsk. *Marine Geology 10/2003*, 201 (4-201):287-305

Nicolae PANIN, **Gabriel Ion**, Elena Ion - The danube delta - Chronology of lobes and rates of sediment deposition - DEPOSITION - *Geoecomarina 9-10/2004*

Briceag A., **Ion G.**, 2014: Holocene ostracod and foraminiferal assemblages of the Romanian Black Sea shelf. *Quaternary International* 345, 119-129

Melinte-Dobrinescu, M.C., Brustur, T., Jipa, D., Macalet, R., **Ion, G.**, Ion, E., Popa, A., Briceag, A. - The Geological and Palaeontological Heritage of the Buzau Land Geopark (Carpathians, Romania)- *Geoheritage- 2017 nr.9* vol 2 pg 225-236

Elena ION, Mihaela Melinte, **Gabriel Ion**, Adrian Popa, Dan Jipa, Titus Brustur / Titlu: GIS technology as a major tool for sustainable use of Buzau Geopark/publicatia: Abstracts Volume of VIII International ProGeo Symposium 2015 – Geoconservation strategies in a changing world, 8-12 September, 2015, Reykyavik, *Iceland/editura, vol. 1, pag, 72-73*, ISBN: 979-9979-72-868-9

Vincent Riboulot, Stephan Ker, Nabil Sultan, Yannick Thomas, Bruno Marsset, Carla Scalabrin, Livio Ruffine, Cédric Boulart, Christian Deusner, **Gabriel Ion**, 2017: Freshwater lake to salt-water sea causing widespread hydrate dissociation in the Black Sea, *Nature Communications volume 9*, Article number: 117 (2018)

## PROJECTS

- project director of the national project uBioGas, running
- national project manager EMODnet Bathymetry, EU-DG Mare project, running
- national project manager EMODnet Geology, EU-DG Mare project, running
- participant in the FP7 EU project, COCONET, 2014
- coordinator of the BS ERA NET project Wapcoast, 2012
- project manager of South Stream Feasibility Study - INTECSEA contract, 2011
- project director of STABACUM CEEX national project, 2008
- national project manager of FP5, EU project METROL, 2004
- project manager of Feasibility Study for Sulina canal - DNV contract, 2008
- project manager of more than 10 Site Survey projects for offshore rigs locations, Romanian Black Sea area

