

**FIRST
CIRCULAR**

**INTERNATIONAL
WORKSHOP:**

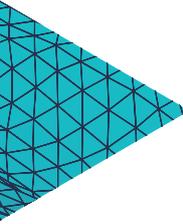
**MARINE MINERAL
RESOURCES
OF THE CONTINENTAL
SHELF AND DEEP
OCEAN FLOOR:
CURRENT STAGE
OF KNOWLEDGE
AND PERSPECTIVES**

**SEPTEMBER 18-21, 2018
GDAŃSK, POLAND**

Organizer:



Polish Geological Institute-National Research Institute



MARINE MINERAL RESOURCES OF THE CONTINENTAL SHELF AND DEEP OCEAN FLOOR: CURRENT STAGE OF KNOWLEDGE AND PERSPECTIVES...

... is organized by the **Polish Geological Institute – National Research Institute** as the main event of the celebrations of 100th anniversary of the Polish Geological Institute and 50 years of seabed exploration by the Polish Geological Survey as well as the 50th anniversary of the Marine Geology Branch of PGI-NRI.

The Workshop will be held under the auspices of the Secretary of State Chief National Geologist, Government Plenipotentiary for National Mineral Resources Policy of the Republic of Poland, Prof. Mariusz Orion Jędrysek and of the EuroGeoSurveys organisation.

The Workshop sessions, panel discussions and poster sessions will focus on exchange of knowledge and experience in exploration and exploitation of marine mineral resources on continental shelves and the deep ocean floor taking into account a wide range of aspects, in particular:

- **legal issues surrounding the exploration and extraction of marine mineral resources,**
- **methods of exploration and evaluation of marine mineral resources,**
- **deep sea mining,**
- **environmental issues related to the exploration and extraction of marine mineral resources, including an assessment of potential impacts on the environment.**

The Workshop is addressed to state geological surveys and other government agencies and academia, non-profit organisations and the business world interested in exploration, evaluation and exploitation of marine mineral resources.



Workshop venue:

Gdańsk Music and Congress Centre,
Ul. Ołowianka 1, Gdańsk, Poland,
www.filharmonia.gda.pl



Organising Committee:

Polish Geological Institute-National Research Institute

Prof. Szymon Uściniowicz - CHAIRPERSON

Dr. Urszula Pączek - VICE-CHAIRPERSON

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M. Sc. Ewa Dąbrowska-Jędrusik

Dr. Wojciech Jegliński

Dr. Grzegorz Uściniowicz

Keynote Lectures:

Prof. Galo Hurtado Carrera (former member of the Legal and Technical Commission of the International Seabed Authority, former Chair and Vice-Chair of the Commission on the Limits of the Continental Shelf; Special Adviser to the Ministry of Foreign Affairs of Mexico, Adjunct Research Associate, Dalhousie University, Visiting Professor World Maritime University): **„Role and rules of the Commission on the Limits of the Continental Shelf - legal aspects of continental shelves”**

Prof. Mark Hannington (GEOMAR Helmholtz-Zentrum für Ozeanforschung, Marine Mineral Resources, Kiel) **„Current Knowledge and Future Perspectives of Marine Mineral Resources”**

Prof. Yasuhiro Kato (Frontier Research Centre for Energy and Resources Graduate School of Engineering, Tokyo): **„Investigations of the REE in ocean”**

Prof. Ryszard Kotliński (University of Szczecin, President of the Assembly of the International Seabed Authority 2008 and former member of the ISA Legal and Technical Commission, former Director of the Interoceanmetal Joint Organization): **„Ferromanganese deposits in the ocean (polymetallic nodules and cobalt-rich manganese crust)”**

Dr. Regina Kramarska (Polish Geological Institute - National Research Institute): **„Baltic Amber – origin, resources and use”**

Dr. Cees Laban (former head of the Department of Marine Geology Geological Survey of the Netherlands and TNO, Geological Survey of the Netherlands, Chairman of the European Marine Sand & Gravel Group - EMSAGG): **„Marine sand and gravel resources on continental shelves – exploration, extraction and use”**

Dr. Mazlan bin Madon (Member of Commission on the Limits of the Continental Shelf, and Advisor to Continental Shelf Project, National Security Council Malaysia, formerly Chief Geoscientist at PETRONAS - Malaysia's National Petroleum Company, Kuala Lumpur): **„Oil and gas resources on continental shelves – an overview”**

Prof. Stanisław Mikulski (Polish Geological Institute - National Research Institute): **„Mineral Placer Deposits on continental shelves - origin, resources and exploitation”**

Dr. Walter R. Roest (Département Ressources physiques et Ecosystèmes de fond de Mer Ifremer Centre de Bretagne; former member and Vice-Chair of the Commission on the Limits of the Continental Shelf): **„Oceanic ridges and polymetallic massive sulphides resources – the roles of ISA and CLCS”**

Prof. Krzysztof Szamalek (Polish Geological Institute - National Research Institute): **„The Polish contribution into ocean exploration and International Seabed Authority activities”**

Dr. Henry Vallius (Geological Survey of Finland, Chairman of EuroGeoSurveys Marine Geology Expert Group): **„Global seafloor mapping - harmonisation of global seafloor data”**

Language: English

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More detailed information will be provided in the 2nd Circular in February 2018.

CITY OF GDAŃSK

Gdańsk, a city with more than 1,000 years of tradition, has undergone numerous upheavals over the years. Throughout centuries, it has changed its name, but not its character – it remains one of the main centres of trade, culture and science on the Baltic coast.

The city has earned its position not only due to its unique location at the mouth of the Motława and Vistula rivers and on the border of the Vistula Delta Plain and the Kaszuby Lakeland District, but mostly due to its residents. After extensive war damage, the citizens of Gdansk rebuilt their city from ruins so that we can now enjoy strolling the Old and Main Town as well as along the embankment of Motława river. It was also in Gdansk where people desired change.

They created a social movement called „Solidarity” that helped shape modern Europe.

All good things that have taken place in Gdansk fell within the meaning of the city motto: „Nec temere, nec timide”

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„**Please reserve the date!** Gdańsk is a popular touristic destination, even September is a high season. Pre-reservation for workshop participants in Gdańsk Main Town will be made. The list of pre-booked hotels and booking details will be available soon on the conference website. However, since Gdańsk is a tourist city early booking is highly recommended.”



WE ARE LOOKING
FORWARD TO SEEING YOU
IN GDAŃSK!

