



**Ladies and Gentlemen!**

We are pleased to invite you to the **8<sup>th</sup> Engineering Geology Challenges Conference in Poland (8<sup>th</sup> WPGI)**, which will take place in autumn 2024 and will be organized by the Polish Geological Institute – National Research Institute.

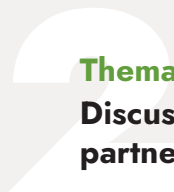
The WPGI is held regularly every three years. It links together the representatives from various regions of Poland, characterized by different geological conditions and hazards. The Conference is very popular and is one of the largest national scientific events, which is devoted primarily to issues in engineering geology.

**FRAMEWORK PROGRAM of 8<sup>th</sup> WPGI 2024:**



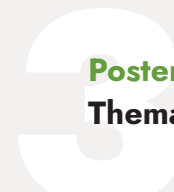
**Workshop**

The topics of the workshops will be developed in the first half of 2024



**Thematic sessions**

Discussion panels, key lectures, partners presentations



**Poster sessions**

Thematic session

**SUBJECT OF THE SYMPOSIUM: CHALLENGES OF ENGINEERING GEOLOGY FOR ENERGY AND DIGITAL TRANSFORMATION AND AUTOMATION**

- International ELGIP/EuroGeoSurveys „Urban Geology & Geotechnics Workshop”
- RID II Workshop – Methods of research and geotechnical solutions selection for road investments
- Site investigation methods, site recognition and geotechnical solutions selection for different types of constructions
- Offshore Wind Farms – offshore site recognition from environmental assessment to construction
- Nuclear Power Facilities – location reports, engineering geological documentations at different stages of investment process
- Pumped Storage Power Plant and accompanying facilities – geological site investigation, engineering geological conditions, geohazard assessment
- High speed railways – site investigation methods under dynamic loads
- Gas Storage Facilities and transmission system – engineering-geological conditions from Polish mountains to Polish sea
- Underground storage and underground waste disposal – engineering geological conditions assessment
- Shallow Geothermal Energy – site recognition for borehole heat pumps and heat storage facilities
- Site contamination assessment, land remediation – new regulations, good practice
- Digital transformation and automation in geology – BIM in geology and geotechnics, digital construction design, geological works automation

**WE WOULD APPRECIATE IF YOU DECIDE TO PARTICIPATE IN THE ORGANIZATION OF THE 8<sup>th</sup> WPGI WITH US**  
 If you want to know the sponsorship offer, please contact:  
[wpgi@pgi.gov.pl](mailto:wpgi@pgi.gov.pl)



**Polish Geological Institute National Research Institute**

Polish Geological Survey  
 Polish Hydrogeological Survey

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The conference is organized as part of the task „Maintenance and update of the Engineering-Geological Database (BDGI) and its component - Physical and Mechanical Properties of Soils and Rocks (BDGI-WFM) including the development of Engineering-Geological Atlases of selected areas of Poland in 1:10 000 scale (permanent task)”

**We support The Sustainable Development Goals**



**CONTENT PATRONAGE**  
**PZW BPG**  
 Polskie Zrzeszenie Wykonawców Badań Podłoża Gruntowego