

# YOUTH SYMPOSIUM „GEOMORPHOLOGY IN QUATERNARY RESEARCH” 2<sup>nd</sup> circular



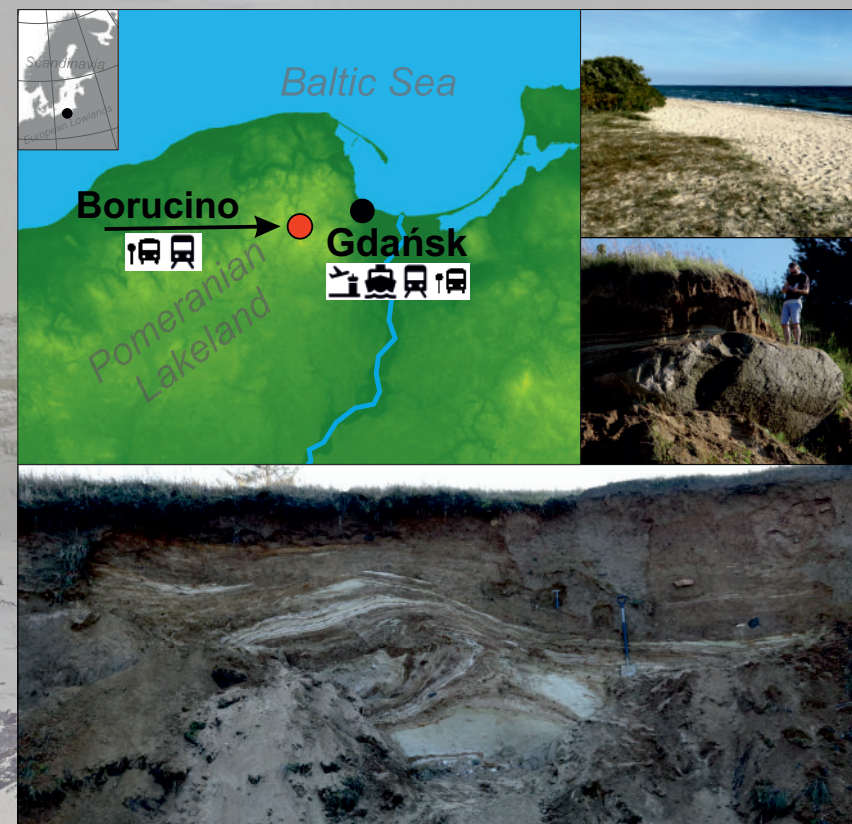
28.06 – 01.07.2022

Inqua Peribaltic Working Group (PWG), International Association of Geomorphologists, and Polish Association of Geomorphologists are happy to invite **Early Career Researchers** to the first PWG youth symposium. It will be held from **28.06 to 01.07.2022 in Borucino**, Poland, at the University of Gdańsk research station. Our first venue currently serve as a home for Ukrainian refugees, and we moved to a new location. Poland is a safe country and all other plans do not change. The event comprises presentations, field trips, workshops, and integration activities. Due to stressful times, we plan to arrange even more stress-free activities than we planned before.

**Key date: 30.04.2022.**

- End of registration,
- Payment deadline,
- Abstract submission deadline.

**Fee: 150 Euro.** Full board (including accommodation, lecture hall, field trips and food).



Registration: please send an e-mail to **ecrperibaltic@gmail.com** with your name, surname, affiliation and preliminary title of your presentation. Provided data will be used only for the event managing purpose. Payment details, abstract formatting guide, and publishing invitations will be sent via e-mail to registered participants. If You have any questions please contact our crew via e-mail.



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## Preliminary programme:

### Day 0 (27.06):

You can arrive one day before we start official part of the event to take a rest and enjoy the beauty of Kashubian Lakeland (optional transfer from Gdańsk or nearby public transport stations).

### Day 1 (28.06):

- 1) Registration at Borucino (optional transfer from Gdańsk or nearby public transport stations),
- 2) Introduction lectures and guided tour at local area: research station, geological history, glaciogenic landscapes,
- 3) Ice-breaker at the Raduńskie Lake.

### Day 2 (29.06):

- 1) Participants research presentations,
- 2) Workshops (#1 – handheld gamma-ray spectrometry; #2 – dating using TCN).

### Day 3 (30.06): Field trips

- 1) Dmuchowo – Weichselian tills with the extraordinary boulder (key points: glacial sedimentation and deformations, weathering of tills),
- 2) Rzućewo #1 – debris flows in a lacustrine basin (key points: debris flow and lacustrine sedimentary structures, lithic and soft-sedimentation clasts distribution, microtomography),
- 3) Rzućewo #2 – geomorphological conditions of early settlement (key points: history and changes of local settlement, stone tools used in hunting and everyday works, sedimentological imprints of early settlement),
- 4) Mechelinki – storm surge deposits at the coastal area (key points: storm-related landforms, reconstruction of palaeostorminess, sedimentological features of storm deposits).

### Day 4 (01.07):

- 1) Workshops (#3 – microtomography in Quaternary deposits),
- 2) PWG ECR organizing meeting,
- 3) Back to Gdańsk.



The landscape near the University of Gdańsk research station and our symposium location: Ostrzyckie Lake with Wieżyca hill in the background (329 m a.s.l.).



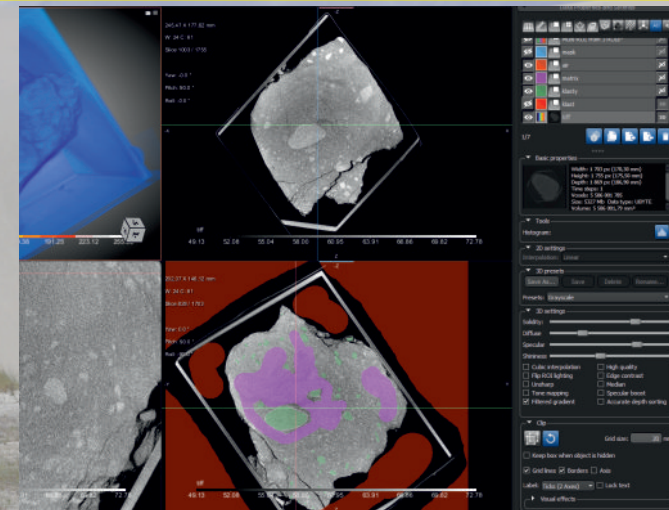
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Workshop #1: operating and measuring natural radioactivity with handheld gamma ray spectrometer; research methods and applications



Workshop #2: TCN dating; sampling of boulders and deposits, measurement procedure, modelling the age (including burial dating)



Workshop #3: microtomography of sedimentary rocks; research methods and applications; tools and interpretation



Our guests will be placed in cozy apartments in wooden houses at the University of Gdańsk vacation-recreation centre. During the stay they will grant access to fireplace and recreation base at the lake. Scientific session will be held at the University of Gdańsk research station in an air-conditioned classroom equipped with necessary multimedia.

3<sup>rd</sup> circular will be released in May 2022