



Damian Moskalewicz¹ • Małgorzata Frydrych²



⁽¹⁾ *University of Gdańsk, Department of Geomorphology and Quaternary Geology*

⁽²⁾ *University of Łódź, Department of Physical Geography*

E-mail: damian.moskalewicz@ug.edu.pl; malgorzata.frydrych@geo.uni.lodz.pl

Introduction

The youth symposium "Geomorphology in Quaternary Research" will be held from 27.06 to 01.07.2022 in Borucino (Northern Poland). The symposium will be organized under the auspice of the INQUA TERPRO Commission, the International Association of Geomorphologists and the Association of Polish Geomorphologists. It is the first Peribaltic Working Group meeting dedicated to Early Career Researchers.

Peribaltic Working Group (PWG) is a part of the Terrestrial Processes, Deposits and History INQUA Commission (TERPRO). It is a long-term association of researchers from countries located around the Baltic Sea. PWG started in the early 1990s and comprises scientists interested in Quaternary research. Currently, PWG is defined as a formal Working Group in INQUA-TERPRO structures. The main research topics of the group are: paleogeography of the Peribaltic region, quaternary geology and stratigraphy, chronology and dynamics of Pleistocene Scandinavian Ice Sheet, glacial geomorphology, reconstructions of climate change, paleoecology, interactions of natural environments with early human activities. The results of the studies are presented during annual conferences and field trips organized in different countries in the Peribaltic region. They are usually published in Quaternary International Journal in a dedicated post-conference volume. The last PWG meeting took place before the pandemic, in 2019 in Greifswald, Germany.

The symposium programme includes participants' research presentations, workshops, and field trips. The symposium aims to broaden participants' knowledge about geomorphology in Quaternary



research. Participants will take part in workshops on important and developing methods used in Quaternary research (dating using TCN, microcomputed tomography in Quaternary deposits, handheld gamma-ray spectrometry). During the field trips, the organizing committee will present five study sites with Quaternary deposits. Participants will get to know the results of recent research in Kashubian Lakeland, focused on glacial, fluvio-glacial, lacustrine sedimentation and deformation. In the coastal zone of the Baltic Sea, participants will be introduced to natural hazards subject comprising contemporary sea level rise and storm flood deposition.

The crucial goal of the Youth symposium is to allow ESRs to get to know each other, have time to discuss different topics and create a space where they can share their experiences and ideas. The meeting is vital when contacts became limited during the pandemic. The youth symposium "Geomorphology in Quaternary Research" is organized by ECRs from PWG for ECRs. We believe that this first meeting will initiate a new tradition of periodic events under the auspice of the INQUA. We hope the symposium will promote our research and working group, and bring new members to our community.