

ILP Regional Coordinating Committee: TOPO-EUROPE

Version: 2020.04.27

Sierd Cloetingh (S.A.P.L.Cloetingh@uu.nl),
Todd Ehlers (todd.ehlers@uni-tuebingen.de),
István János Kovács (kovacs.istvan.janos@csfk.mta.hu)

Plans for 2020-2025 : a forward look

1. Prime objectives and program strategy:

In the coming phase TOPO-EUROPE will focus on the following issues :

- development of initiatives to involve on a broad scale researchers from the surface-processes community including new emphasis on interactions between the Geo-and Biospheres over geologic timescales.
- development of initiatives to integrate state-of-the-art petrological and geochemical aspects in mantle-lithosphere interactions research with special emphasis on geodynamic modelling.
- further expansion of the involvement of young researchers, including winners of Flinn--Pembroke Hart Young Scientist award of ILP
- Widening European participation in TOPO-EUROPE by researchers from less-research intensive countries in Europe, in particular from newer member states in Eastern Europe (EU13) and countries associated with the European Research Area.
- synergy with various task forces of ILP, as for example the Sedimentary Basins Task Force in the organisation of joint meetings and thematic special volumes and publications.
- Empowerment of young scientists, coaching and encouraging them to submit publications to high impact journals and to submit research proposals to Marie-Curie schemes, COST actions and ERC.

To this aim, the partnership with the Earth and Cosmic Sciences Section of Academia Europaea and the European Geosciences Union will be further expanded and researchers from the TOPO-EUROPE Community will be encouraged to submit proposals for funding of research and networking to various funding schemes of Horizon Europe financed by the European Commission. Emphasis will also be placed on the creation of synergy with regional research programs with major involvement of members of the ILP community, such as AlpArray, AdriaArray and assistance in creating dedicated programs with a focus on specific less-research intensive subregions within Europe such as TOPO-TRANSYLVANIA.

2. Implementation

The following components will be part of the activity plan of TOPO-EUROPE in the period 2020-2021 :

- topical TOPO-EUROPE meetings
- sessions and keynotes as part of international conferences
- short courses
- Distinguished TOPO-EUROPE lectures
- exchange visits
- proposal preparation meetings
- widening European Participation events
- Preparation of special thematic volumes of international journals
- participation in Meetings organized by mother Unions IUGS and IUGG

3. Scheduled activities 2020-2025

2020 (schedule dependent on current global health situation)

- September 27-30. 2020 : TOPO-TRANSYLVANIA workshop, Dopca, Romania (co-organiser: István Kovács)
- September Participation in ILP Sedimentary Basin meeting, Beirut, Libanon
- October 2020, planning meeting on integration of petrological and geophysical constraints on LAB, Sopron Hungary (Sierd Cloetingh and István Kovács)
- November 2020, planning meeting on interactions between tectonics, climate, biota, and surface processes, Tuebingen, Germany (organizer: Todd Ehlers)

2021

- April 2021 TOPO-EUROPE short course, Tartu, Estonia
- May 2021, short course Coupled Deep Earth and surface processes, Sopron, Hungary (lecturers Cloetingh and Haq, and field trip guided by Tari (OMV) and Neubauer (Salzburg))
- May 2021 TOPO-EUROPE and TOPO-TRANSYLVANIA sessions at EGU, Vienna (organizers: Todd Ehlers, István Kovács)
- May 2021, Participation in AdriaArray meeting, Sopron, Hungary (host István Kovács)
- September 2021, TOPO-EUROPE, topical meeting and meeting of young TOPO-EUROPE researchers, Tuebingen, Germany (organizer: Todd Ehlers)
- October 2021, planning meetings at Annual Conference Academia Europaea, Barcelona (organizers: Todd Ehlers, Sierd Cloetingh)

2022

- May 2022, TOPO-EUROPE session at EGU, Vienna June 2022, (organizers: Todd Ehlers, István Kovács)
- TOPO-EUROPE topical conference, Tbilisi, Georgia
- June 2022 short course TOPO-EUROPE, Tbilisi, Georgia
- September 2022, TOPO-TRANSYLVANIA project meeting , Hungary (co-organiser: István Kovács)
- October 2022, planning meetings at Academia Europaea Annual conference, Barcelona (organizers: Todd Ehlers, Sierd Cloetingh)

For the period 2023-2025 further detailed plans are under discussion. As standard components a topical meeting, participation in EGU sessions, planning meetings at Academia Europaea conferences and Meetings organised by mother Unions IUGS and IUGG will feature.