



Program of the scientific and practical training seminar on geoheritage and
geoparks, in Cholpon-Ata, Issyk-Kul, Kyrgyzstan, 13.08.2025

Venue: Hotel (name) in Cholpon-Ata, Issyk-Kul

August 13		
Time	Events	Speakers, trainers
8:30-9:00	Registration of participants	
9:00 - 9:30	Opening of the event: representatives of international organizations	
	Trainings	
	Geoheritage	
9:30 – 10:00	Centres of Geodiversity in Central Asia	
10:00 – 11:30	Geodiversity Centers in Kyrgyzstan	
11:30 – 12:00	IUGS Geosites Programme - a global scientific approach to raising awareness of geodiversity	Prof. Karoly Nemeth
12:00 -12:30	From Geodiversity to Geoheritage: New Methods for Assessing Geodiversity and Determining Geosite Locations	Prof. Karoly Nemeth
13:00 – 14:00	Dinner	
	Geoparks	
14:00 – 14:30	Global Geoparks Network	
14:30 – 15:00	Sequence of creation of a geopark: What do the criteria mean?	Dr. Serdar Aitaç
15:00 – 15:30	Science-based approaches to geopark development from local to global level	Prof. Karoly Nemeth
15:30 – 16:00	Master class on drawing up a management plan for a geopark	Airat Galiev
16:00 – 16:30	Prospects for ProGEO cooperation in Central Asia	
16:30 – 17:00	Briefing. Presentation of the Summer School Program	
17:00	Free rest	
20:00	Dinner	

Comments on training topics:

Trainer: Dr. Károly Németh

IGGS Geosites Programme - A global scientific approach to raising awareness of geodiversity

- This presentation will provide a basic background or current understanding of geodiversity and its relationship with geoheritage,
- An overview of the IUGS 100 Geological Heritage Book First and Second Edition process and the lessons we have learned from them and how this provides a good basis for promoting the importance of geodiversity,
- Some insight into how proposals can be prepared and how Central Asia can be involved in this project will be given.

Trainer: Dr. Károly Németh

From Geodiversity to Geoheritage: New Methods for Assessing Geodiversity and Locating Geosites

- This lecture will cover historical perspectives on assessing geodiversity from qualitative to quantitative and mixed methods, as well as the use of advanced technologies including GIS, remote sensing and drones.

The training will also cover the following topics:

- The role of global and local geodiversity factors and their impact on geosite location.
- Scale of observation, level of significance.
- Geozones and geomorphic features.
- Science-based approaches to developing geoparks from local to global levels.
- Specific regions with geodiversity, such as islands and isolated mountain areas.
- Intangible geoheritage
- Geoheritage and geocultural connections.
- Local aspects of geoheritage, co-development and inclusiveness in geopark design.
- Geoconservation and its role in sustainable development, the concept of geosystem services
- Sustainable geotourism
- Assessing geological heritage for UGGp beginners, how Central Asia can become a global hotspot for geoparks

Trainer: Dr. Serdar Aitaç

Geopark Creation Sequence: What are the Criteria?

- The presentation will provide a detailed overview of the importance of criteria and guidelines for the creation of Geoparks,
- The main mechanisms for Geopark governance,
- Defining Geopark boundaries,
- Geopark budget and its economic sustainability

Trainer: Airat Galiev

Master class on drawing up a management plan for a geopark

- Basic skills for drawing up a management plan for a geopark will be presented,
- Risks associated with the sustainability of a geopark,
- Management model and management plan using the example of the Yangan-Tau Geopark