

3rd circular
instructions for the participants

8th Regional Scientific Meeting on Quaternary Geology:
Early Quaternary Archives

November 4-6, 2026

Čatež ob Savi, Slovenia

8th RMQG

Thank you for registering to the 8th RMQG! We are happy to host you in Čatež ob Savi!

About the Meeting

The meeting is dedicated to researchers working on Quaternary geology, geomorphology, stratigraphy, and related subjects. It aims to bring together scientists from the Adriatic, Alpine, Dinaric, and Pannonian regions and foster collaboration among National INQUA Committees from neighbouring countries.

The theme of the meeting, **"Early Quaternary Archives,"** will be the focus of keynote lectures and the field excursion. Contributions aligned with this theme are encouraged, but presentations on other aspects of Quaternary geology are also welcome.

Meeting Chairs

Eva Mencin Gale (Chair), Geological Survey of Slovenia

Manja Žebre (Vice-Chair), Geological Survey of Slovenia

Petra Gostinčar (Vice-Chair), Geological Survey of Slovenia

Organisers

- Slovenian National INQUA Committee
- Croatian National INQUA Committee
- Hungarian National INQUA Committee
- Italian National INQUA Committee
- Geological Survey of Slovenia
- Faculty of Natural Sciences and Engineering, University of Ljubljana
- Institute of Archaeology & Karst Research Institute, Research Centre of the Slovenian Academy of Sciences and Arts
- Department of Natural Sciences, Croatian Academy of Sciences and Arts
- Institute of Geosciences and Earth Resources, National Research Council of Italy
- BOKU University
- University of Bern
- Institute for Geological and Geochemical Research, HUN-REN Research Centre for Astronomy and Earth Sciences
- Slovenian Geological Society
- Geomorphological Society of Slovenia

Scientific Committee

Eva Mencin Gale, Manja Žebre, Petra Gostinčar, Petra Jamšek Rupnik, Astrid Švara, Andrej Šmuc, Gábor Újvári, Zsófia Ruszkiczay-Rüdiger, Naki Akçar, Ilaria Mazzini, Giovanni Monegato, Mladen Juračić, Stephanie Neuhuber

8th RMQG programme (4 - 6 November 2026, Čatež ob Savi, Slovenia)

WEDNESDAY - 4 NOVEMBER 2026

8:30–9:00	Registration
09:00–09:15	Opening ceremony *dr. Eva Mencin Gale, dr. Manja Žebre, dr. Petra Gostinčar (meeting opening)* *dr. Petra Jamšek Rupnik (president of SINQUA)* *dr. Miloš Bavec (director of Geological Survey of Slovenia)*
Session 1: Landscape evolution, geomorphology and extreme events	
09:15–10:00	KEYNOTE **Mencin Gale et al.:** Pliocene-Pleistocene fluvial sedimentary dynamics and chronology in Southeastern Alpine Foreland (Eastern Slovenia)
10:00–10:15	**Gerčar et al.:** Geological modelling of Quaternary basins in Slovenia
10:15–10:30	**Anžel et al.:** Structure and Quaternary activity of the Sava Fault near the village of Gozd (Slovenia)
10:30–11:00	**Coffee break**
11:00–11:45	KEYNOTE **Monegato:** Pleistocene evolution of the South-Eastern Alps: tectonics vs. glaciations
11:45–12:00	**Chiarini and Fontana:** An early-Holocene catastrophic alluvial phase of Torre River (NE Italy)
12:00–12:15	**Jamšek Rupnik et al.:** Reconstructing extreme weather events from alluvial fan archives in the Upper Sava Valley (Southern Alps): First results from Rateče and Podkoren
12:15–12:30	**Novak et al.:** Quaternary deposits between Kranjska Gora and Podkoren (Upper Sava Valley, NW Slovenia)
12:30–12:45	**Pisarska-Jamroży et al.:** Sedimentary archives of glacially triggered earthquakes in the southern Baltic region
12:45–14:15	**Lunch break**
Session 2: Karst environments	
14:15–14:30	**Švara et al:** Reconstructing Pliocene-Pleistocene changes of cave sedimentation using tectonic uplift phases (Postojna contact karst, W Slovenia)
14:30–14:45	**Bočić:** Karst geomorphology of the central part of the Papuk nature park (Croatia)
14:45–15:00	**Stefanovski et al.:** Sedimentological characteristics of doline infills in the Dinaric Karst of Slovenia
15:00–15:15	**Palatinuš et al.:** Investigating proxy-climate relationship using instrumental data: Modern stalagmite record from Grgosoav Cave, Croatia
15:15–15:30	**Janković and Oros Sršen**: The Holocene avifauna of Žukovica Cave as an indicator of paleoecological conditions on Korčula Island
15:30–15:45	**Trčak et al.:** Birds from the Quaternary deposits of the Cave Pupićina Peć in Istria
15:45–16:15	**Coffee break**
16:15–17:30	**Poster session**
19:00–21:00	Social dinner (hotel Terme restaurant)
21:00–	Gathering in Bar Cabana

THURSDAY - 5 NOVEMBER 2026

Session 3: Geomorphology and paleoenvironmental archives in marine and continental settings	
09:00–09:45	KEYNOTE **Neuhuber et al.:** Pliocene and Pleistocene fluvial records in the Vienna Basin area
09:45–10:30	KEYNOTE **Ruszkiczay-Rüdiger and Fodor:** Uplift rates of the Western Pannonian Basin and its surroundings quantified using cosmogenic nuclide geochronology
10:30–11:00	**Coffee break**
11:00–11:15	**Fontana et al.:** Pleistocene marine highstands in the Northern Adriatic Sea
11:15–11:30	**Novak et al.:** New late Quaternary findings from the Slovenian part of the Gulf of Trieste (Northern Adriatic Sea)
11:30–11:45	**Hasan et al.:** Reconstruction of submerged archives of the Cetina paleoriver and lake system in the Eastern Adriatic coast during the Last Glacial Maximum
11:45–12:00	**Šegović et al.**: Tracing the Jadro palaeoriver from the Kaštela Bay to the Mid-Adriatic Deep: evidence from high-resolution geophysical data
12:00–12:15	**Ilijanić et al.:** Late Pleistocene (MIS 5) sedimentary record of Lake Visovac (Dalmatia, Croatia)
12:15–12:30	**Faivre et al.:** Geochronology and freshwater reservoir effect of tufa barriers in Zrmanja River Valley
12:30–14:00	**Lunch break**
14:00–14:45	KEYNOTE **Akçar:** Deckenschotter saga: Beyond the myth of layer-cake stratigraphy
14:45–15:00	**Brajkovič:** Statistical learning as an emerging tool for provenance determimation
15:00–15:15	**Hinkelman et al.:** Encountering chironomids on pollen slides: a case from a karst lake of Croatia
15:15–15:30	**Serva et al.:** A huge change in the drainage pattern occurred in the lower Quaternary in Central Apennines: tectonic and erosional role
15:30–15:45	Excursion introduction and closing remarks, invitation to the next 9thRMQG meeting
15:45–16:15	**Coffee break**
16:15–17:30	**Poster session**

FRIDAY - 6 NOVEMBER 2026

EXCURSION: Pliocene-Quaternary evolution of the Krško Basin	
08:30	Start: parking of Hotel Terme
08:30–10:00	Stop 1: Globoko (Introduction to Krško Basin and Early Quaternary section)
10:00–11:00	Stop 2: Dečno selo (Subsurface and paleoseismological investigations in Krško Basin)
11:00–12:30	Stop 3: Prilipe (Geomorphological features and fluvial and colluvial Early Quaternary succession)
12:30–14:30	Lunch at Reset Brewery (Brežice)
14:30–16:30	Stop 4: Drnovo (Late Pleistocene surfaces and Holocene floodplain, archaeological site Neviodunum)
17:00	End: parking of Hotel Terme

List of poster contributions

Akçar et al.: SOUTHICE: Deciphering the Middle Pleistocene glacial history of the European Southern Alpine Foreland

Bakrač et al.: The importance of non-pollen palynomorphs (NPPS) in palaeoenvironmental reconstruction: Evidence from Holocene Lakes of the Eastern Adriatic

Benac et al.: Paleopoljes and paleolakes in the Kvarner area during Late Pleistocene (NE Adriatic Sea)

Gerčar at al.: Quaternary-fill basement models of the Ljubljana Basin

Gostinčar et al.: Investigating glacigenic deposits at Most na Soči (NW Slovenia): preliminary results from ERT and borehole data

Grošanić and Bočić: Morphology and speleogenesis of the Ostrovica Cave (Gospić, Croatia)

Krklec and Domínguez-Villar: Facies and depositional environments of Pleistocene tufa deposits at Roški slap, Krka River (Croatia)

Lončar Baričević: Paleogeographic reconstruction of the environment: lakes and wetlands of the Ravni Kotari region (PALRES)

Mathes et al.: Cave sediments as an archive of Middle Pleistocene Alpine glaciations in the Jura Mountains

Mićunović and Faivre: Embayment geometry as a control factor of pocket beaches wave exposure: Island of Hvar, Croatia

Novak et al.: Seven years in Planica: UAV monitoring of sedimentary processes on alluvial fans (Julian Alps, NW Slovenia)

Novak et al.: Quaternary marine geology contributions to the EMODnet geology portal from the Eastern Adriatic Sea

Rebić et al.: Birds from the Holocene deposits of the Cave Vela Peć in Istria

Špelić et al.: Quaternary fluvial features as morphotectonic markers above a buried inversion fault zone at the Northern Sava Basin margin, central Croatia

Stejić et al.: Continental Quaternary sediments in Serbian part of Pannonian plain

Surić et al.: Preliminary results of the Project MOKRO - Environmental change of the littoral karst during the late Quaternary

Surić et al.: Complementarity of the cave sediments in quaternary environmental reconstruction

Wacha et al.: Allogenic deposits of Barać and Cerovac Caves: description, sampling and first results

Wacha et al.: Constraining tectonic movements using Quaternary deposits preserved on the Central Adriatic offshore islands

Žebre et al.: First results from the GEOFRAME-Bovec project

Venue

The venue is located in the conference hall of Hotel Terme (Topliška cesta 35, Brežice).

Registration

Registration and abstract submission are closed. Registration fee includes meetings materials, coffee breaks and social dinner. Excursion fee includes excursion guidebook, transport by bus and a lunch (drinks excluded).

Presentation and poster instructions

A total of 15 minutes are available for **short presentations**. We advise 12 minutes for the talk and 3 minutes for discussion. A total of 45 minutes are available for **keynote presentations**. We advise 35 minutes for the talk and 10 minutes for discussion.

Please upload your presentation on the following link:

https://forms.gle/s5kCL6GmPo7TFzWL6

Poster format please use A0 size and portrait orientation.

Accommodation

We encourage participants to stay at the meeting hotel (Hotel Terme), for networking opportunities. Other accommodation options in Čatež ob Savi can be arranged independently.

Sponsors

Gen energija d.o.o.

More info & Contact

Please visit the meeting website (https://www.geo-zs.si/en/8-srecanje-rmqg-2026/) or contact us by email (8thRMQG@gmail.com).