



3rd circular instructions for the participants

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

November 4-6, 2026

Čatež ob Savi, Slovenia



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



WEDNESDAY - 4 NOVEMBER 2026

8:30- 9:00	Registration
09:00–09:15	Opening ceremony <i>dr. Eva Mencin Gale, dr. Manja Žebre, dr. Petra Gostinčar (meeting opening)</i> <i>dr. Petra Jamšek Rupnik (president of SINQUA)</i> <i>dr. Miloš Bavec (director of Geological Survey of Slovenia)</i>
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	Serva et al.: A huge change in the drainage pattern occurred in the lower Quaternary in Central Apennines: tectonic and erosional role
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 aluvial 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
12:15–12:30	Novak et al.: Quaternary deposits between Kranjska Gora and Podkoren
12:30–14:00	Lunch break
Session 2: Karst environments	
14:00–14:15	Švara et al.: Reconstructing Pliocene-Pleistocene changes of cave sedimentation
14:15–14:30	Bočić: Karst geomorphology of the central part of the Papuk nature park (Croatia)
14:30–14:45	Stefanovski et al.: Sedimentological characteristics of doline infills in the Dinaric Karst of Slovenia
14:45–15:00	Palatinuš et al.: Investigating proxy-climate relationship using instrumental data
15:00–15:15	Janković and Oros Sršen: The Holocene avifauna of Žukovica Cave
15:15–15:30	Trčak et al.: Birds from the Quaternary deposits of the Cave Pupičina Peč in Istria
15:30–16:00	Coffee break
16:00–17:00	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
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
11:30–11:45	Hasan et al.: Reconstruction of submerged archives of the Cetina paleoriver and lake system
11:45–12:00	Iljanić et al.: Late Pleistocene (MIS 5) sedimentary record of Lake Visovac
12:00–12:15	Faivre et al.: Geochronology and freshwater reservoir effect of tufa barriers in Zrmanja River Valley
12:15–12:30	Brajković: Statistical learning as an emerging tool for provenance determination
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	Anžel et al.: Structure and Quaternary activity of the Sava Fault near the village of Gozd (Slovenia)
15:00–15:15	Hinkelman et al.: Encountering chironomids on pollen slides
15:15–15:45	Excursion introduction and closing remarks, invitation to the next 9 th RMQG 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

Benac et al.: Paleopoljes and paleolakes in the Kvarner area during Late Pleistocene

Geršar et al.: Quaternary-fill basement models of the Ljubljana Basin

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

Grošanić and Bočić: Morphology and speleogenesis of the Ostrovica Cave

Krklec and Domínguez-Villar: Facies and depositional environments of Pleistocene tufa deposits at Roški slap

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

Novak et al.: Seven years in Planica: UAV monitoring of sedimentary processes on alluvial fans

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

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

Surić et al.: Preliminary results of the Project MOKRO

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

Wacha et al.: Allogenic deposits of Barač 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).

Quaternary international Special Issue announcement

Following the meeting we will prepare a proposal for a Special Issue of Quaternary International tentatively entitled '**Quaternary Archives of Environmental Change in the Adriatic-Alpine-Dinaric-Pannonian Region**'. The Special Issue will aim to bring together new research on Quaternary archives and their potential for reconstructing landscape evolution, environmental change, paleoclimate variability, tectonic activity, and geological processes across the Adriatic, Alpine, Dinaric and Pannonian regions.

Scope of the Special Issue

- Fluvial, glacial, lacustrine, marine and coastal archives
- Karst, cave and speleothem records
- Quaternary stratigraphy and geochronology
- Geomorphology and landscape evolution
- Paleoclimate and paleoenvironmental reconstruction
- Active tectonics and earthquake geology
- Sedimentology and provenance studies
- Geophysical and modelling approaches in Quaternary research
- Human-environment interactions and geoarchaeological studies

Expression of Interest

Before formally launching the Special Issue, we would like to compile a tentative list of manuscripts. Authors interested in contributing are kindly requested to submit the required information through Google Forms by December 1 2026.

Google Forms link:

<https://forms.gle/ShbhLii7YwqTs6nN8>

In the Google Forms link please provide the following information:

- Provisional manuscript title
- Author(s)
- Short summary of the manuscript (up to 100 words)
- Corresponding author details (name and surname, affiliation, email)
- Four potential reviewers* (name, affiliation, email and area of expertise)

*Reviewer Guidelines: Please suggest four independent reviewers. Reviewers should not be from the same institution as the authors. Preferably, no more than one reviewer should be from the same country as the corresponding author. The Guest Editors will select suitable reviewers during the review process.

Timeline

Expression of interest deadline: 1 December 2026

Special issue portal opening: 1 February 2027

Manuscript submission deadline: 30 September 2027

Guest Editors

Eva Mencin Gale, Petra Gostinčar, Manja Žebre, Petra Jamšek Rupnik