



Škocjanski zatok, Koper, Slovenia

## 6<sup>th</sup> Regional Scientific Meeting on Quaternary Geology:

### Seas, Lakes and Rivers

September 27-30, 2021, Ljubljana, Slovenia

The meeting is dedicated to researchers working on Quaternary geology, geomorphology, stratigraphy, and related subjects. The meeting is primarily intended as an opportunity to bring together researchers working in the Adriatic, Alpine, Dinaric and Pannonian regions, however, participants more involved in other regions are also warmly welcomed. The theme of the meeting “Seas, Lakes and Rivers” will be the focus of keynote lectures and the (virtual) excursion. Participants are kindly encouraged to present their work related to the theme of the meeting or other Quaternary topics.

#### Organizers

- Slovenian national INQUA committee (SINQUA)
- Croatian national INQUA committee
- Geological Survey of Slovenia (GeoZS)
- Institute of Archaeology & Karst Research Institute, Research Centre of the Slovenian Academy of Sciences and Arts (ZRC SAZU)
- Faculty of Natural Sciences and Engineering, University of Ljubljana (NTF UL)
- CNR- Institute of Geosciences and Earth Resources (IGG)
- University of Padova (UNIPD)
- CNR- Institute of Environmental Geology and Geoengineering, Unit of Milano (IGAG)
- Institute of Quaternary Paleontology and Geology, Croatian Academy of Sciences and Arts (HAZU)
- Croatian Geological Survey (HGI)
- Faculty of Science, University of Zagreb (PMF)
- Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb (RGNF)
- Archaeological museum of Istria (AMI)
- Flinders University, Adelaide, Australia
- Slovenian Geological Society (SGD)
- Geomorphological Society of Slovenia (GMDS)
- Italian Association for Quaternary Research (AIQUA)
- Faculty of Arts, University of Ljubljana (FF UL)
- Marine Biology Station Piran, National Institute of Biology (NIB)

#### Organizing and scientific committee

Petra Jamšek Rupnik (chair), Ana Novak (vice-chair), Maja Andrič, Miloš Bavec, Dea Brunović, Nina Caf, Branko Čermelj, Goran Durn, Igor Felja, Alessandro Fontana, Andrej Gaspari, Ozren Hasan, Nikolina Ilijanić, Katarina Jerbić, Ida Koncani Uhač, Ljerka Marjanac, Eva Mencin Gale, Slobodan Miko, Giovanni Monegato, Roberta Pini, Tomislav Popit, Mitja Prelovšek, Cesare Ravazzi, Andrej Šmuc, Astrid Švara, Nadja Zupan Hajna, Manja Žebre.

#### Meeting mode and venue

The meeting will be organized in a **virtual and in-person format**. Participants will choose their preferred mode of participation upon registration; later change is also possible.

The in-person meeting will take place in the **Atrium of the Research Centre of the Slovenian Academy of Sciences and Arts** (Novi trg 2, 1000 Ljubljana). The venue is located in the beautiful old city centre of Ljubljana.

The official language of the meeting is English.

#### Program outline

**September 27<sup>th</sup>, 2021** – Opening ceremony, keynote lectures, participant lectures, poster session.

**September 28<sup>th</sup>, 2021** – Keynote lectures, participant lectures and poster session.

**September 29<sup>th</sup>, 2021** – Lectures dedicated to virtual excursion and closing ceremony.

*Open option:*

**September 30<sup>th</sup>, 2021** – Depending on epidemic situation a last-minute fieldtrip could be organized.

#### Keynote lectures

**Branko Čermelj (NIB):** The recent sediments of the Gulf of Trieste, the most northern part of the Adriatic – An overview of the last 5 decades of the biogeochemical and sedimentological research.

**Andrej Gaspari (FF UL):** Underwater archaeological investigations in Slovenia (the Slovenian sea and Ljubljana moor).

**Nikolina Ilijanić (HGI):** Paleolimnology of Holocene karst lakes along the Eastern Adriatic coast.

**Ljerka Marjanac (HAZU):** Pleistocene glacial lakes in Croatia.

**Slobodan Miko (HGI):** Post-glacial sea level rise and submerged landscapes of the Eastern Adriatic Sea.

**Roberta Pini (CNR, IGAG):** LGM to Lateglacial vegetation history and climate variability documented in the paleoecological record from Lake Fimon (northern Italy): what sensitive archives tell us about the past.

**Nadja Zupan Hajna (ZRC SAZU):** Sediments of a sinking river in karst over time: Škocjan Caves as a case study.

#### Virtual excursion

The virtual excursion will take us to **Quaternary marine, lacustrine and fluvial sites in Slovenia, Italy, and Croatia**. It will be guided by: Maja Andrič (ZRC SAZU), Nina Caf (ZRC SAZU), Andrej Šmuc (NTF UL), Petra Jamšek Rupnik (GeoZS), Giovanni Monegato (CNR, IGG), Alessandro Fontana (UNIPD), Cesare Ravazzi (CNR, IGAG), Jernej Jež (GeoZS), Ana Novak (GeoZS, NTF UL), Nikolina Ilijanić (HGI), Slobodan Miko (HGI), Katarina Jerbić (Flinders U.), Ida Koncani Uhač (AMI), Dea Brunović (HGI), Ozren Hasan (HGI), and Igor Felja (PMF).

Due to uncertainties related to organization of cross-border excursion and measures related to pandemics the excursion will be presented on **September 29<sup>th</sup>** in the Atrium and through virtual platform for online participants. The virtual fieldstops will include:

- Holocene seismic activity, vegetation and erosion history and the human impact on the environment recorded in the lacustrine sediments of lake **Bohinj**;
- Deformed glaciofluvial and glaciolacustrine sediments in a profile at **Most na Soči**;
- Lateglacial terraces near **Gorizia** which formed in the Soča/Isonzo LGM fluvioglacial fan;
- The **Renče** clay pit, one of the best preserved paleovegetation records of the Alpine LGM;
- The **Tapogliano** outcrop of the LGM to present day alluvial sequence of the Torre River which contains LGM paleosol;
- LGM dunes near **Grado** which later interacted with Lateglacial fluvial and Holocene lagoonal environments;
- The post-LGM transgression and the change from fluvial to marine sedimentary environments in the **Gulf of Trieste**;
- The latest archeological and paleoenvironmental findings regarding the studies of the prehistoric pile-dwelling settlement in **Zambratija** bay, which was submerged by the advancing transgression;
- The **Mirna** river valley where transgression depositional facies were prograded by the Mirna intra-estuarine delta.

#### Important deadlines

Registration and abstract submission deadline – **June 1<sup>st</sup>, 2021**.

Early bird payment deadline – **June 15<sup>th</sup>, 2021**.

#### Registration and abstract submission

Registration and abstract submission will be open in April. Please look at the [website](http://www.geo-zs.si/rmqg/) for further info.

Abstracts should not exceed two A4 pages (700 words max + 1 figure and references). See the “Instructions for author” tab on the [website](http://www.geo-zs.si/rmqg/) for full guidelines. Please send the abstracts to [6thRMQG@gmail.com](mailto:6thRMQG@gmail.com).

Selected papers from the 6<sup>th</sup> RMQG will be published in a **Special Issue of the open access journal Quaternary** (ISSN 2571-550X): Seas, Lakes and Rivers in the Adriatic, Alpine, Dinaric and Pannonian Regions during the Quaternary: Selected Papers from “6<sup>th</sup> RMQG”.

#### Registration fee

Registration fee for virtual and in-person participation is **uniform** (includes coffee breaks or technical solutions, and VAT for September 27<sup>th</sup> through 29<sup>th</sup>).

- Regular participant - 50 € early registration payment (until June 15<sup>th</sup>), 75 € later.
- Undergraduate and graduate students, unemployed former students within 2 years of last received degree - 30 € early registration payment (until June 15<sup>th</sup>), 50 € later.

#### Accommodation

In case of in-person participation, accommodation in Ljubljana is not provided by the organizers. Participants have to book accommodation by themselves in accordance with their attendance and travel plans.

#### More info and contact points

Meeting website (<http://www.geo-zs.si/rmqg/>).

FB ([fb.me/6thRMQG](https://www.facebook.com/6thRMQG)) and Twitter accounts (<https://twitter.com/6RMQG>).

You can also contact us at [6thRMQG@gmail.com](mailto:6thRMQG@gmail.com).



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