



CROATIAN ACADEMY OF SCIENCES AND ARTS
Department of Natural Sciences
Institute of Quaternary paleontology and geology
Croatian National INQUA Committee



DIG – 2nd Workshop on Dinaric Glaciation: Early/Middle Pleistocene glaciations of NE Mediterranean – filling the gaps in reconstructing its geological history and climate change.

Focus on glacial-interglacial transitions (sediments and processes)

**Starigrad-Paklenica, 3 – 7 October 2014,
Croatia**

Alpine glaciation

Dinaric glaciation

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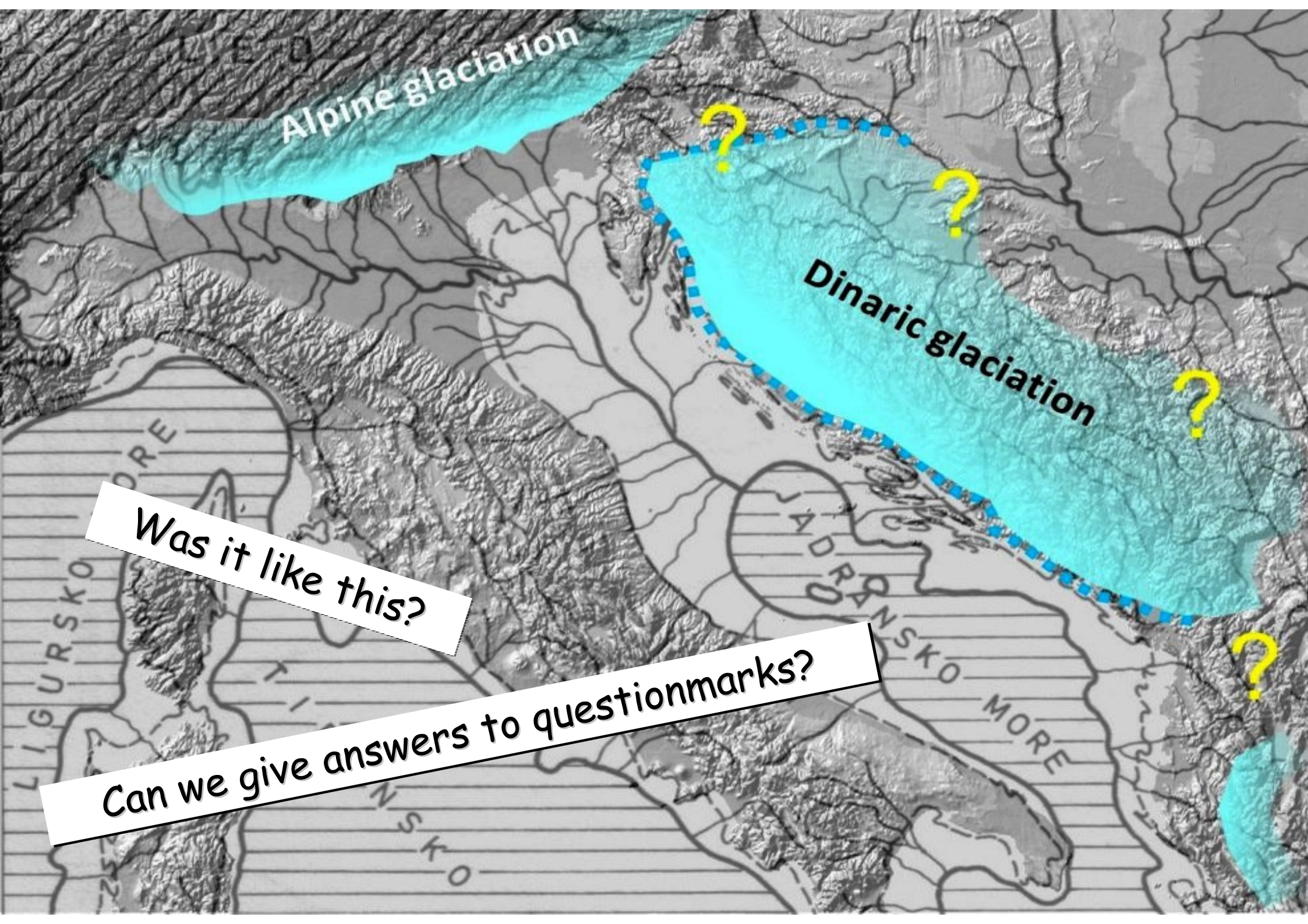
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Was it like this?

Can we give answers to questionmarks?





VENUE

Starigrad-Paklenica, Croatia

3-7 October 2014



ORGANIZERS

Croatian National INQUA Committee
(Croatian Academy of Sciences and Arts) and
Department of Geology, Faculty of Science



WORKSHOP LEADERS

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Geology, Faculty of Science, University of Zagreb



THE NATIONAL PARK PAKLENICA



THE NATIONAL PARK PAKLENICA





VELIKA PAKLENICA
moraine (megabreccia lithofacies)



THE COAST OF NOVIGRAD SEA
glaciolacustrine sediments with dropstones



THE COAST OF NOVIGRAD SEA moraine

THE COAST OF NOVIGRAD SEA ice retreat sequence
(moraine - glacial outwash - glacialacustrine sed)



THE COAST OF NOVIGRAD SEA exotic sedimentary features





THE COAST OF NOVIGRAD SEA exotic sedimentary features

THE COAST OF NOVIGRAD SEA exotic sedimentary features





THE COAST OF NOVIGRAD SEA
sediment wedges (the southern-most located ice-wedge casts)

Sediment wedges = ice-wedge casts





THE COAST OF NOVIGRAD SEA kettle-like forms



THE COAST OF NOVIGRAD SEA
Interglacial paleosol complex



KARIN

Glacial advance sequence (glacilacustrine sediment and till)



KARIN

Deformation structures – indicator of the subglacial shear zone



ŽDRILO glaciolacustrine varved sediments with fossil macroflora

ŽDRILO





ŽDRILO

Middle Pleistocene moraine (megabreccia lithofacies)



OBROVAC

Middle Pleistocene moraine (megabreccia lithofacies)



OBROVAC

Striated boulder in the Middle Pleistocene moraine



ŽEGAR

Middle Pleistocene moraine (remains of subglacial till)



ŽEGAR

Striated boulder in the Middle Pleistocene moraine

We hope for your contribution to expected outcome

- ❖ Keep annual DIG workshops for 5 years
- ❖ Transnational project on Dinaric glaciation, and Dinaric-Alpine connection.
- ❖ Engagement of early career researchers on the topics.
- ❖ Networking.
- ❖ Summer school on sedimentology of ancient glacial sediments related to Dinaric glaciation and glaciation of karst.

THE REGISTRATION FEE OF 250 EUROS INCLUDES :

- Meals starting with dinner on arrival day and ending with dinner on last day of the workshop
- Local bus/van/boat transfers
- Handouts and field guidebook

REGISTRATION DEADLINE : 15 September 2014

(minimum 5 participants excluding young researchers and students (ECR))

NOTE :

We can provide financial support – **FREE REGISTRATION** - for six early career researchers and students (ECR). If you need support, please indicate as soon as possible by sending a letter of intention - describing why this workshop would be useful for your research or career development.

An aerial photograph of a vast, flat ice sheet covering a mountainous landscape. The ice sheet is a uniform, bright white color, contrasting sharply with the dark, rocky terrain of the mountains in the background. In the foreground, a large body of dark blue water is filled with numerous icebergs of various sizes. A prominent, large icebergs is visible in the lower-left quadrant of the water. The sky is a clear, pale blue. The overall scene depicts a dramatic and cold environment, likely during an ice age.

WELCOME TO MEDITERRANEAN ICE AGE

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