

Properties of the upper part of the last glacial loess-palaeosol sequence at Savudrija (Istria, Croatia)

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6th Regional Scientific Meeting on Quaternary Geology: Seas, Lakes and Rivers

Presentation program

27.9.2021; Atrium ZRC SAZU & virtual

8:40-8:55	Arrival of participants to the Atrium ZRC SAZU & ZOOM log-in	
8:55-9:10	Opening program	
SEAS & TRANSITIONAL ENVIRONMENTS		
9:10-9:50	Branko Čermelj	Keynote: 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
9:50-9:55	Ana Hlebec et al.	Fidelity of (paleo)ecological interpretation based on studies living and dead benthic foraminiferal assemblages: A case study from the northeastern Adriatic shelf (Koper bay, Slovenia)
9:55-10:10	Livio Ronchi et al.	Submerged paleo tidal inlets of the northern Adriatic shelf: Early-Holocene indicators of the last RSL rise
10:10-10:25	Alessandro Fontana et al.	Core MIR1: A 34-m long Holocene archive at the mouth of Mirna River (Northern Istria, Croatia)
10:25-10:40	Massimo Novellino et al.	The expanded record of core MIR1 (Istria peninsula, Croatia): A new paleo environmental archive for the Eemian and the Last Interglacial
10:40-10:55	Sanja Faivre et al.	Lithophyllum rims as markers of relative sea-level change and palaeoearthquakes along the eastern Adriatic coast
10:55-11:15	Coffee break 20'	
SEAS & TRANSITIONAL ENVIRONMENTS		
11:15-11:55	Slobodan Miko	Keynote: Post-glacial sea level rise and submerged landscapes of the eastern Adriatic Sea
11:55-12:10	Natalia Šenolt et al.	Late Quaternary seabed geomorphology of the Prokljan Lake (Krka River Estuary)
12:10-12:25	Alessandro Fontana et al.	Holocene evolution of the Neretva River Delta (Croatia) and its potential for reconstructing the relative sea-level changes
12:25-12:40	Dragana Šolaja et al.	Geomorphology of a submerged karst basin in the seismically active area of the Koločep Bay
12:40-12:55	Ozren Hasan et al.	Pleistocene and Holocene environmental changes in the eastern part of the Mid Adriatic Deep influenced by sea-level rise and shoreline retreat
12:55-13:00	Marina Čančar et al.	The relation between the composition of foraminiferal assemblages and granulometric properties of the sediments from three salt marshes (eastern Adriatic coast, Croatia)
13:00-14:20	Lunch break	

ARCHEOLOGY, EARTHQUAKES

14:20-15:00	Andrej Gaspari	Keynote: Underwater archaeological investigations in Slovenia (the Slovenian sea and Ljubljana moor)
15:00-15:05	Barbara Horn et al.	The archaeo-geophysical evidence of the pile-dwelling settlement Gornje Mostišče on Ljubljana Moor
15:05-15:20	Miklós Kázmér et al.	Seismicity of active faults tracked by archaeoseismology in two roman towns: Siscia (Croatia) and Celeia (Slovenia)
15:20-15:25	Petra Jamšek Rupnik et al.	Petrinja fault geometry and its activity revealed from reconnaissance geomorphological observations
15:25-15:40	Christoph Grützner et al.	How active is the Selce fault in SW Slovenia?
15:40-15:45	Manuel Diericks et al.	How remote sensing of active tectonics can fail in the slowly deforming karst landscape of Slovenia
15:45-15:55	Break 10'	
PROJECTS		
15:55-16:10	Lidija Galović et al.	Incoming research project: Abrupt climate changes – Evidence from Quaternary sedimentary sequences in Croatia (ACCENT)
16:10-16:25	Ajka Šorša et al.	Project SIMONA: Transnationally harmonized sediment sampling and laboratory protocols for HSs in DRB's surface waters proposal

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8:40-9:00	Arrival of participants to the Atrium ZRC SAZU & ZOOM log-in	
LAKES, FORELANDS & MOUNTAINS		
9:00-9:40		Keynote withdrawal - replacement to be confirmed
9:40-9:55	Nina Caf et al.	First continuous reconstruction of climatic and human impact on the highlands of the Julian Alps
9:55-10:10	Arianna Marcolla et al.	Middle Pleistocene to Holocene palaeoenvironmental evolution of the south-eastern Alpine foreland basin from multi-proxy analysis
10:10-10:25	Livio Ronchi et al.	Sea, lakes and river: The buried Late Glacial incised valley of Concordia Sagittaria and its infill (Tagliamento megafan, NE Italy)
10:25-10:45	Coffee break 20'	
10:45-11:00	Lukas Rettig et al.	Cirque, valley, and plateau glaciers in the Monte-Cavallo Group (NE-Italy) and their response to climatic changes during the Last Glacial Maximum
11:00-11:15	Manja Žebre et al.	New ³⁶ Cl glacial chronology of the northern Dinaric Mountains (Slovenia)
11:15-11:30	Andrej Novak et al.	A combined study of grain size analysis and surface monitoring of active sieve deposits in the Planica Valley (NW Slovenia)
11:30-11:45	Valentina Pezdir et al.	From lake to peatland (Šijec bog, Slovenia)
11:45-11:50	Andrej Novak et al.	Visualisation techniques of digital elevation models for analysing alpine landscape features
11:50-13:15	Lunch break	
KARST		
13:15-13:55	Nadja Župan Hajna	Keynote: Sediments of a sinking river in karst over time: Škocjan Caves as a case study
13:55-14:10	Maša Surić et al.	Speleothem record of Holocene natural and anthropogenic environmental changes in continental Croatia
14:10-14:15	Nina Lončar et al.	Submerged speleothems and phreatic overgrowths on speleothems (POS) as indicators of relative sea-level change along the eastern Adriatic coast
14:15-14:30	Ivona Ivkić Filipović et al.	Late Quaternary sedimentological and geomorphological processes in the Prološko Blato karst polje (Imotsko polje, Croatia)
14:30-15:10	Nikolina Ilijanić	Keynote: Paleolimnology of Holocene karst lakes along the Eastern Adriatic coast
15:10-15:25	Coffee break 15'	

AEOLIAN SEDIMENTS

15:25-15:40	Nina Hećej et al.	Properties of the upper part of the Last Glacial loess-palaeosol sequence at Savudrija (Istria, Croatia)
15:40-15:55	Koen Berteen et al.	Optically stimulated luminescence (OSL) dating of the Đurđevac sands (northern Croatia): First results
15:55-16:10	Nikolina Ilijanić et al.	The Pakoštane loess plateau revisited; Dating, sedimentological, mineralogical and geochemical characterization
16:10-16:15	Dmytro Hlavatsky et al.	Loess-palaeosol sequences in Ukraine: A potential link between European and Asian Pleistocene enviromagnetic records
16:15-16:25	Break 10'	
16:25-17:00	RMQG open discussion	
17:00-18:00	Matevž Novak	Geological tour of Ljubljana

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8:40-9:00	Arrival of participants to the Atrium ZRC SAZU & ZOOM log-in	
VIRTUAL EXCURSION		
9:00-9:10	Ana Novak	Introduction to the virtual excursion
9:10-10:30	Alessandro Fontana, Giovanni Monegato	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
		Lateglacial terraces near Gorizia which formed in the Soča/Isonzo LGM fluvioglacial fan
10:30-10:45	Coffee break 15'	
10:45-11:05	Giovanni Monegato	The Renče clay pit, one of the best preserved paleovegetation records of the Alpine LGM
11:05-11:30	Petra Jamšek Rupnik	Deformed glaciofluvial and glaciolacustrine sediments in a profile at Most na Soči
11:30-12:15	Maja Andrič, Andrej Šmuc, Nina Caf	Holocene seismic activity, vegetation and erosion history and the human impact on the environment recorded in the lacustrine sediments of lake Bohinj
12:15-13:45	Lunch break	
13:45-14:30	Ana Novak, Livio Ronchi	The post-LGM transgression and the change from fluvial to marine sedimentary environments in the Gulf of Trieste
14:30-15:15	Nikolina Ilijanić, Katarina Jerbić	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
15:15-15:25	Closing of the 6th RMQG	