

# 6. hrvatski geološki kongres s međunarodnim sudjelovanjem, Zagreb, 09.-12. listopada 2019. : raspored poster sekcija

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**Supplement / Prilog**

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## 10.10. (Četvrtak/Thursday)

**Dvorana/Hall: MEDITERAN**

16:00-17:00 Poster Session 1 (Dvorana/Hall: MEDITERAN)

Moderatori/Convener(s): Borna Lužar-Oberiter, Kosta Urumović

*Taložne stijene, stratigrafija i taložni bazeni/Sedimentary Rocks, Stratigraphy and Sedimentary Basins*

1.	Late Triassic Terrestrial Phase Signature and its Correlation through Selected Karst Dinaridic	<i>Damir Bucković, Dražen Kurtanjek &amp; Aleksandar Mezga</i>
2.	Jurassic Paleoenvironmental Associations from the Marginal Depositional System of the Adriatic Carbonate Platform (Žumberak Mt., Croatia)	<i>Damir Bucković &amp; Dražen Kurtanjek</i>
3.	Mineralogical and Geochemical Characteristics of the Middle Miocene Tuffs from Bukova Glava Locality, Krndija Mountain (NE Croatia)	<i>Iva Olić, Frane Marković, Marijan Kovačić, Stjepan Ergović &amp; Željko Bortek</i>
4.	Paleoenvironment of Gastropod Fauna from the Campanian Deposits of Gornje Orešje (Medvednica Mt., Croatia)	<i>Alan Moro, Aleksander Horvat, Vasja Mikuž, Ivan Rozman, Vladimir Bermanec &amp; Jasenka Sremac</i>
5.	Upper Cretaceous (Campanian) Transgressive Deposits from Mikulić potok, Medvednica Mt., NE Croatia	<i>Alan Moro, Borna Lužar-Oberiter &amp; Aleksandar Mezga</i>
6.	Carbonate Cobbles and Blocks from the Upper Cretaceous (Campanian) Debris Flow, Ozalj Area, NW Croatia	<i>Alan Moro, Ivo Velić, Borna Lužar-Oberiter, Aleksandar Mezga &amp; Damir Bucković</i>
7.	Upper Cenomanian–Lower Turonian Sequence Boundary on the Adriatic Carbonate Platform: an Example from the Korčula Island	<i>Alan Moro, Ivo Velić &amp; Nikola Kalemarski</i>
8.	Traces of the Late Cretaceous to Paleogene Collision in the Dinarides: Evidence from Sandstone Petrography and Geochemistry	<i>Borna Lužar-Oberiter, Blanka Cvetko-Tešović, Alan Moro, Maja Martinuš, Šimun Aščić, Frane Marković &amp; Dražen Balen</i>
9.	Subaerial Exposure Surface within the Palaeocene Carbonates of the Likva Cove, the Island of Brač	<i>Natalia Šenolt, Maja Martinuš, Blanka Cvetko Tešović &amp; Igor Vlahović</i>
10.	The Provenance of Lower Miocene Sandstones from Mt. Kalnik	<i>Tea Novaković, Borna Lužar-Oberiter, Bojan Matoš, István Dunkl &amp; Hilmar von Eynatten</i>
11.	Diagenetic Processes and Reservoir Quality of the Cretaceous Sandstones from Anh-Cr-Montecarlo-1x Well (400-1100 ft.), Cesar-Ranchería Basin, Colombia	<i>Mayra A. Vargas-Escudero, Carlos A. Ríos-Reyes &amp; Mario García-González</i>

*Magmatske i metamorfne stijene - smještaj, sastav i procesi/Magmatic and Metamorphic Rocks - Settings, Composition and Processes*

12.	»Čizlakite« – Quartz Monzodiorite from Slovenia	<i>Simona Jarc, Nina Zupančič, Nastja Rogan Šmuc &amp; Mirijam Vrabec</i>
13.	On Granite Emplacement Mechanisms at Moslavačka gora (Croatia): The Role of the Xenolith Studies	<i>Iva Olič &amp; Zorica Petrincec</i>
14.	Petrogenetic Characteristics of Altered Basalts (Spilites) from Lasinja, Pokuplje	<i>Matija Vukovski &amp; Vesnica Garašić</i>
15.	Petrology and Geochemistry of the A-Type Granites and Related Rocks in the Western Srijem Area (Eastern Croatia)	<i>Sanja Šuica, Alan B. Woodland &amp; Vesnica Garašić</i>
16.	Petrographic Characteristics of the Appinite-Granodiorite Intrusion, Eastern Drava Depression (Eastern Croatia)	<i>Sanja Šuica, Alan B. Woodland &amp; Vesnica Garašić</i>

*Geofizika, geomatematika i geološka istraživanja geoenergetskih sustava/Geophysics, Geomathematics and Geological Explorations of Geonergy Systems*

17.	Estimating Subsurface Lithology Distribution of Pannonian Sediments in Eastern Part of Drava Depression by Geomathematical Methods	<i>Ana Kamenski &amp; Marko Cvetković</i>
18.	Use of Ant-tracking Attribute and Combined Seismic Volumes for Fault Identification: A Case Study from Sava Depression	<i>Jasna Orešković &amp; Filipa Šimičević</i>
19.	Establishment of a Basic Interactive Interpretation and Data Correlation System (IIDCS) at the Croatian Geological Survey	<i>Nikola Belić, Pavle Ferić, Ioannis Abatsiz, Lars Juul Kjærgaard, Carsten Bo Pedersen, Erik Skovbjerg Rasmussen, Marko Špelić, Marko Budić &amp; Ivan Sokač</i>

*Geološko kartiranje, geomorfologija i Geoinformacijski sustav (GIS)/Geological Mapping, Geomorphology and Geographic Information System (GIS)*

20.	Basic Geological Map of the Republic of Croatia scale 1:50 000 NP Kornati	<i>Vlatko Brčić, Tvrtko Korbar, Ladislav Fuček, Damir Palenik, Nikola Belić, Ivan Mišur &amp; Lara Wacha</i>
21.	Geological Model of Pićan Area, Istria	<i>Krešimir Petrinjak, Stanislav Bergant, Nikola Belić &amp; Tihomir Frangen</i>
22.	Application of Geodetic Techniques in Geological Studies of the Plitvice Lakes National Park	<i>Branko Kordić, Borna Lužar-Oberiter, Bojan Matoš, Kazimir Miculinić, Nikola Markić &amp; Željko Rendulić</i>

*Geologija mora i krš/Marine Geology and Karst*

23.	Recent and Submerged Tombolo on Prvić Island, Kvarner Area	<i>Čedomir Benac, Neven Bočić &amp; Igor Ružić</i>
24.	The Koločep Channel – A Sedimentary Record of Late Quarternary Paleoseismic History in a Submerged Karstisolation Basin	<i>Dragana Šolaja, Slobodan Miko, George Papatheodorou, Ozren Hasan, Nikolina Ilijanić &amp; Maria Geraga</i>
25.	Who is Threatened by Cave-Air CO <sub>2</sub> ? Modrič and Manita Peć Caves (Croatia) Case Study	<i>Maša Surić, Matea Kulišić, Robert Lončarić &amp; Lukrecija Sršen</i>
26.	An Example of Interdisciplinary Approach for Sustainable Management	<i>Kristina Križnjak, Igor Felja, Hana Fajković, Vesna Gulin &amp; Renata Matoničkin Kepčija</i>
27.	Geological Survey of Miljacka 1-5 Cave System	<i>Tomislav Kurečić &amp; Vedran Sudar</i>

*Hidrogeologija/Hydrogeology*

28.	Chemical Status at Groundwater Monitoring Stations and Analysis of the Implementation of Measures within 2016-2021 Plan in the Danube River Basin District	<i>Daria Čupić, Alena Vlašić &amp; Borna-Ivan Balaž</i>
39.	The Establishment of a Teaching-Research Polygon in the Area of Velika gorica Well Field, Zagreb Aquifer	<i>Kristijan Posavec, Laura Bačani, Stanko Ružičić, Zoran Kovač, Jelena Parlov, Nikica Visković, Nikola Kovačić, Vedran Rubinić, Zoran Nakić, Dario Perković &amp; Željko Duić</i>
30.	Developing a Conceptual Model for Groundwater Flow and Transport Model of Nitrate in the Varaždin Alluvial Aquifer	<i>Igor Karlović, Tamara Marković &amp; Ozren Larva</i>
31.	Excess Air in Spring Water as Indicator of “Open“ or “Closed“ Flow in Karst System	<i>Maja Briški &amp; Andrej Stroj</i>
32.	Delineation of the Deep Geothermal Aquifers in the DARLINGE Project Area	<i>Dragana Šolaja, Tamara Marković, Agnes Rotár-Szalkai, Gyula Maros, László Bereczki, Gábor Markos, Edit Babinszki, László Zilahi-Sebess, Ágnes Gulyás, Éva Kun, Teodóra Szőcs, Tamás Kerékgyártó, Annamária Nádor, Nina Rman, Dušan Rajver, Andrej Lapanje, Dejan Šram, László Ádám, Ana Vranješ, Radu Fărnoaga, Albert Baltres, Ioan Cociuba, Ștefan Olah, Natalija Samardžić, Hazim Hrvatović, Ferid Skopljak, Boban Jolović, Ozren Larva &amp; Željka Brkić</i>
33.	Some Contributions for Research of Condensation Corrosion in Caves (Dinaric Karst, Croatia)	<i>Davor Garašić &amp; Mladen Garašić</i>
34.	Preliminary Results of Hydrochemical Dynamic of TOC in a Karst Aquifer in the Northern Part of the Dinaric Karst in Croatia	<i>Ivana Boljat, Josip Terzić, Jasmina Lukač Reberski, Ana Selak, Matko Patekar &amp; Ivona Baniček</i>

*Geologija nafte/Petroleum Geology*

35.	A New Workflow for 3D Geological Modeling of Karstified Petroleum Reservoirs	<i>Yeda Backheuser , Mathieu Moriss &amp; Marcelo Blauth</i>
36.	Structural Analysis and Impact of Natural Fracturing on Reservoir Properties – Case of the Hamra Quartzites Tight Reservoir in the Hamra II Perimeter (Illizi- Basin- Algeria)	<i>Khaled Loumi, Nour Houda Benouadah, Omar Boucena, Amar Asses &amp; Sarah Kenane</i>
37.	Petrophysical Evaluation on Cenozoic Formations and its Possible Potential to Accumulate Hydrocarbon in the Southern Part of Cesar Sub-Basin, Colombia	<i>Helmer Alarcón, Edwar Herrera &amp; Edgar Bueno</i>
38.	Petrophysical Evaluation of Sandstone Reservoir in Coal-Bearing Rocks in Rancheria Sub-Basin, Northeastern Colombia	<i>Alvaro Villar, Edwar Herrera &amp; Edgar Bueno</i>
49.	Interaction between Petroleum systems of Cesar Sub-basin and Lower Magdalena Basin, Colombia	<i>Dilan A. Martínez-Sánchez, Sait Khurama &amp; Hector H. Perez</i>
40.	Petrographic and Diagenetic Characterization of Pre-Cretaceous Sedimentary Units in the Cesar Sub Basin (Colombia)	<i>Luz Adriana Ortiz Orduz &amp; Carlos Alberto Ríos Reyes</i>
41.	3D Seismic Characterization of Upper Miocene Deposits (Drava Trough)	<i>Tihana Ružić &amp; Wissam Sulaiman</i>

## 11.10. (Petak/Friday)

### Dvorana/Hall: MEDITERAN

16:00-17:00 Poster Session 1 (Dvorana/Hall: MEDITERAN)

Moderatori/Convener(s): Marta Mileusnić, Aleksandar Mezga

Mineralogija i geokemija/Mineralogy and Geochemistry

1.	Does Tuff Geochemistry Control Its Diagenetic Rate? – Case Study of the Ugljevik Basin Tuffs from the Miocene Pannonian Basin System (NE Bosnia and Herzegovina)	<i>Branimir Šegvić, Luka Badurina, Giovanni Zanoni &amp; Oleg Mandić</i>
2.	Tetrahedral Charge of Bentonites from Croatia and Neighbouring Countries	<i>Filip Gott, Zvonka Gverić, Darko Hanžel, Štefica Kampiće &amp; Darko Tibljaš</i>
3.	Clay Mineralogy and Properties of Soil and Underlying Plio-Quaternary Sediments of SE Mt. Medvednica (North Croatia)	<i>Zvonka Gverić, Nenad Tomašić, Katarzyna Maj-Szeliga, Štefica Kampiće, Filip Carevski &amp; Michał Skiba</i>
4.	Geochemistry and Hydrocarbon Potential of the La Luna Formation in the El Salto Section, Middle Magdalena Valley Basin- Colombia	<i>Hector M. Galvis Macareo, Mario García González</i>
5.	Subaerial Exposure Surfaces within Early Cretaceous Carbonate Deposits of Selina Quarry, Istria	<i>Anđelika Ritossa, Darko Tibljaš &amp; Blanka Cvetko Tešović</i>
6.	SIMONA project- Transnationally Harmonized Protocol for Drainage Sediment Sampling and Laboratory Analysis of Hazardous Substances Content in Danube River Basin	<i>Ivan Mišur, Danijel Ivanišević, Ajka Šorša, Josip Halamić, Ana Čaić, Lidija Galović, Đorđa Medić, Jasmina Antolić, Aleksandra Kovačević, &amp; Jelena Vićanović</i>
7.	Mineralogical and Geochemical Characteristics of Quaternary Pelitic Sediments from Grmoščica (Zagreb) Abandoned Clay Pit	<i>Sara Radić, Ana Čaić Janković, Danijel Ivanišević &amp; Anita Grizelj</i>
8.	Moissanite (SiC) in Sediments of Pazin Cave (Istrian Peninsula, Croatia)	<i>Lara Wacha, Marija Horvat &amp; Vlatko Brčić</i>
9.	Evolution of Ore-Bearing Fluids in the Cu-Au Porphyry Ore Body Vršnik, the Buchim Deposit, Republic of North Macedonia	<i>Iva Jurković, Sabina Strmić Palinkaš, Andrea Čobić, Goran Tasev &amp; Todor Serafimovski</i>
10.	Mineralogical and Petrological Characteristics of Middle Triassic Volcanic and Pyroclastic Rocks from the Kuna gora Mtn. (NW Croatia)	<i>Damir Slovenec &amp; Branimir Šegvić</i>
11.	The Panicherevo Molybdenum Deposit, Bulgaria: Sulfur Isotope Results and Implications for Ore Genesis	<i>Desislava Racheva &amp; Vassilka Mladenova</i>

*Paleontologija i biostratigrafija/Paleontology and Biostratigraphy*

12.	The Significance of the Middle Triassic Cephalopod Bearing Strata in the Vicinity of Kunovac Vrelo, Southern Lika, External Dinarides	<i>Duje Smirčić, Nikolina Gaberšek, Dunja Aljinović, Nediljka Prlj-Šimić, Katarina Krizmanić, Dražen Japundžić, Ivor Pavić &amp; Uroš Barudžija</i>
13.	Mollusc-Rich Facies along Late Cretaceous Margin of the Adriatic Carbonate Platform: Intra- or Inter-Platform Trough? (Neum Hinterland, Southern Herzegovina and Central Dalmatia)	<i>Goran Glamuzina &amp; Tvrtko Korbar</i>
14.	Population Dynamics of Benthic Foraminifera <i>Ammonia tepida</i> (Cushman): Data from Rogoznica Lake	<i>Marina Čančar, Natali Neral, Irena Ciglenečki Jušić, Nevenka Mikac, Milan Čanković &amp; Vlasta Čosović</i>
15.	First Direct Evidence of Jurassic Evolution of the Central Adriatic Basin Based on Radiolarian Biostratigraphy	<i>Duje Kukoč, Tvrtko Korbar &amp; Ivan Mišur</i>
16.	Taxonomy and Distribution of Benthic Foraminifera and Ostracods in an Intertidal Zone of the Adriatic Sea: Lokunja Salt Marsh (Pag Is.)	<i>Antonela Ban, Nevio Pugliese, Igor Felja &amp; Vlasta Čosović</i>
17.	Recurrent Events of Dinoturbation in the Early Cretaceous Deposits, Cape Gustinja, Istria	<i>Aleksandar Mezga, Blanka Cvetko Tešović, Vedrana Pretković &amp; Damir Bucković</i>
18.	New Discovered Dinosaur Tracksite in the Late Albian of Istria	<i>Aleksandar Mezga, Alan Moro, Nina Trinajstić &amp; Natalia Mladineo</i>
19.	Reconstruction of the Sarmatian Paleoenvironments Based on Benthic Foraminifera, Case Study: Bukova Glava Section	<i>Nikolina Ileković, Đurđica Pezelj, Marijan Kovačić, Frane Marković &amp; Matej Vonić</i>
20.	Paleoecology and Paleoenvironment of the Upper Karpatian–Lower Badenian Sedimentary Succession from se Medvednica Mt., Croatia	<i>Morana HERNITZ Kučenjak, Vlasta Premec Fuček, Ines Galović, Valentina Hajek-Tadesse, Krešimir Krizmanić, Mario Matošević, Goran Mikša, Slađana Zlataar &amp; Gabrijela Pecimotika</i>
21.	Giant <i>Nummulites Maximus</i> d' Archiac, 1850 from the Upper Lutetian (Eocene) Limestones of the Peri-Adriatic Littoral of Montenegro	<i>Katica Drobne, Johannes Pignatti, Vlasta Čosović, Mladen Trutin, Martin Đaković &amp; Luka Krašna</i>



*Geološke strukture i tektonika/Geological Structures and Tectonics*

22.	A Report on the Well-Preserved Miocene Volcanic Cone from the Drava Depression, North Croatian Basin – Inference from the Deep Seismic Reflection data	<i>Dijana Bigunac, Bojan Matoš &amp; Sanja Šuica</i>
23.	An Overview of Tectonic Evolution of the Plitvice Lakes National Park Based on Structural Data	<i>Helena Krnjak, Bojan Matoš, Ivica Pavičić, Uroš Barudžija, Igor Vlahović &amp; Borna Lužar-Oberiter</i>
24.	Detachment and Parasitic Folds on the Island of Kornat (Central Adriatic, Croatia)	<i>Tvrtko Korbar, Vlatko Brčić, Ladislav Fuček &amp; Damir Palenik</i>
25.	Geological Cross-Sections of the Wider Area of Rijeka – Project GEOSEKVA	<i>Ladislav Fuček, Tvrtko Korbar, Damir Palenik, Vlatko Brčić &amp; Stanislav Bergant</i>
26.	Tectonic Evolution and Identification of Potential Seismogenic Sources of the Vinodol Valley (NW Adriatic, Croatia) Based on Geological Mapping and Structural Investigations	<i>Damir Palenik, Dubravko Matičec, Ladislav Fuček, Bojan Matoš, Marijan Herak &amp; Igor Vlahović</i>
27.	Carbonate Platforms in the Adria Plate	<i>Alessandra Lanzoni &amp; Del Ben Anna</i>
28.	Crustal Section across the North Adria Plate from Italian (Pesaro) to Croatian (Kvarner) Shorelines	<i>Anna Del Ben, Marko Špelic, Ana Kamenski &amp; Tvrtko Korbar</i>

*Geologija kvartara/Quaternary Geology*

29.	Reconstructing Holocene Vegetation in Area of Bačina Lakes	<i>Koraljka Bakrač, Nikolina Ilijanić, Slobodan Miko &amp; Ozren Hasan</i>
30.	New Preliminary Results of the Paleontological Investigations of the Zala Cave near Ogulin	<i>Jadranka Mauch Lenardić, Ankica Oros Sršen, Mateo Petrović &amp; Siniša Radović</i>
31.	Paleolake in Bribir-Ostrovica Karst Polje in Dalmatia	<i>Nikolina Ilijanić, Slobodan Miko, Ivona Ivkić, Valentina Hajek Tadesse, Allison Karp, Sarah McClure, Doug Kennett &amp; Emil Podrug</i>
32.	Hydrofracture System in Glaciolacustrine Unit at Novigrad Sea, SW Coast, Croatia	<i>Ljerka Marjanac &amp; Tihomir Marjanac</i>
33.	3D Modeling from the Morphotectone Study and the 2D Seismic Interpretation of the Southern Part of the Medina Sinclinorio, Piedemonte Llanero, Colombia	<i>Silvana Morantes-Ochoa &amp; Jorge Pinto</i>

*Geologija okoliša i geohazardi/Environmental Geology and Geohazards*

34.	Submerged Paleolandscapes of Karst Rivers Zrmanja, Cetina, Neretva and Koločep in the Eastern Adriatic Coast (Croatia)	<i>Ozren Hasan, Slobodan Miko, Dea Brunović, Nikolina Ilijanić, George Papatheodorou, Maria Geraga, Dimitris Christodoulou, Matej Čurić, Ivor Meštrović, Dragana Šolaja &amp; Marko Bakašun</i>
35.	Magnetic Properties of Topsoils in Croatia	<i>Ozren Hasan, Slobodan Miko, Nikolina Ilijanić, Ivona Ivkić, Andreja Steinberger, Hrvoje Marjanović &amp; Branka Grahovac</i>
36.	Influence of a Zagreb Central Wastewater Treatment Plant on a Geochemical Characteristic of Sava River Sediment	<i>Anita Klanjec, Renato Kocijan, Krešimir Maldini, Draženka Stipaničev &amp; Hana Fajković</i>
37.	Microplastic in the Sea Bottom Sediment	<i>Marija Dominis, Igor Felja, Hana Fajković &amp; Lea Beloša</i>
38.	The Storm Wave Deposit at Premantura Rocky Promontory (N Adriatic, Croatia): Origin, Dynamics and Recent Movements	<i>Sara Biolchi, Stefano Furlani, Stefano Devoto, Giovanni Scicchitano, Tvrtko Korbar, Clea Denamiel, Ivica Vilibić, Jadranka Šepić</i>

*Inženjerska geologija i geomehanika/Engineering Geology and Geomechanics*

39.	Additional Investigation Works on the Geological Profile – Bridge Pelješac	<i>Jure Šimović, Jelena Filić-Marić &amp; Željko Miklin</i>
40.	Digital Model of the Interaction between Natural and Hydraulic Fractures of La Luna Formation in the Middle Magdalena Valley, Colombia	<i>María Rosana Báez Rodríguez &amp; Jorge Eduardo Pinto Valderrama</i>

*Program EIT Raw materials - mineralne sirovine u službi modernog društva/EIT Raw Materials - Resources for Modern Society*

41.	Ornamental Stone Resources in Europe	<i>Željko Dedić, Marija Horvat, Boris Kruk, Vlatko Brčić, Nikolina Ilijanić &amp; Erli Kovačević Galović</i>
42.	Mineral Resources in Central Croatia: Geological Potentiality and Strategic Importance	<i>Nikola Gizdavec, Željko Dedić, Boris Kruk, Ljiljana Kruk, Erli Kovačević Galović, Slobodan Miko &amp; Nikolina Ilijanić</i>
43.	Selected EIT Raw Materials Projects at ZAG	<i>Ana Mladenović, Mateja Košir, Petra Vrhovnik, Drgana Šolaja &amp; Alenka Mauko Pranjić</i>

*Ostale teme/Other*

44.	Geological Component of Terroir of the Nature Park Papuk Red Wines	<i>Dražen Balen, Petra Schneider, Štefica Kampić, Darko Tibljaš &amp; Zorica Petrinec</i>
45.	Urban Geochemistry and Environmental Risk Assessment of Selected Elements in the Sisak Region, Croatia	<i>Ajka Šorša, Goran Durn, Josip Halamić &amp; Marta Mileusnić</i>
46.	Modified Wet Sieving Preparation Technique in Palaeontology	<i>Marta Gjirlić, Ana Franjičević, Ajna Kaltak &amp; Jasenka Sremac</i>
47.	GEOTWINN - Twinning of the European Geological Surveys	<i>Davor Pollak, Christopher Jackson, Ioannis Abatzis, Corinna Abesser, Nina Hećej</i>
48.	Geology-Themed Museum Publications as a Platform for Popularization of Geology and Geological Heritage	<i>Renata Brezinščak</i>