

Climate and Environmental Changes in Central-Eastern Europe. Past, Present and Future (CECCEE-2022)

Link for online access:

meet.google.com/jpf-emjt-scj

Web site:

<https://geoconcept.ro/climate-and-environmental-changes-in-central-eastern-europe-past-present-and-future/>

PROGRAM

THURSDAY, November 24th, 2022

VENUE:

VATRA DORNEI (Suceava county, Romania)

**Centrul de Pregatire si Formare Continua Vatra Dornei, Universitatea Suceava /
Distance Education and Long-Life learning Office Vatra Dornei, University of Suceava**

Address:

Parcului 2 St., Vatra Dornei 725700, Suceava county, Romania.

Coordinates: 47.3418816, 25.3574445



FRIDAY, November 25th, 2022

9.00: OPENING CEREMONY

9.00 - 9.10

MARCEL MINDRESCU

Chairman of conference, University of Suceava and GEOCONCEPT Association of Applied Geography (Romania)

9.10 - 9.20

MIHAI DIMIAN

Vice-rector of University of Suceava (Romania)

Keynote speakers:

9.20 - 9.45

SLOBODAN B. MARCOVIĆ, Z.T. GUO, Q. Z. HAO, PATRICK, M. B. GAVRILOV¹, M. G. RADAKOVIĆ, R.S., MARKOVIĆ, KRSMANOVIĆ, P, CVIJANOVIĆ I.

Synchronicity between IRD events in Northern Atlantic and grain size variations of the Serbian loess during the last million years

Department of Physical Geography, Faculty of Sciences, University of Novi Sad, Serbia

9.45 - 10.10

ANGELICA FEURDEAN

Grassy systems of CE Europe: changes and drivers during the Holocene

Department of Physical Geography, Goethe University, Frankfurt am Main, Germany

10.10 - 10.30

NATALIA GERASIMENKO

Vegetational and climatic changes in Ukraine during the last interglacial

Taras Shevchenko University of Kyiv, Ukraine

10.30 - 10.50: COFFEE BREAK

10.50 - 13.00: SESSION 1

Moderator: SLOBODAN MARCOVIĆ

Department of Physical Geography, Faculty of Sciences, University of Novi Sad, Serbia

10.50 - 11.05

BOGDAN RIDUSH, VASYL SHAWRANSKY, OLES RIDUSH

Cave sediments and tectonic movements: records in gypsum karst of the Prut River valley

Yuriy Fedkovych Chernivtsi National University, Chernivtsi, Ukraine

11.05 - 11.20

JULIANA NOGUEIRA^{1,2}, MILOŠ RYDVAL, KREŠIMIR BEGOVIĆ, MARTIN LEXA, JON SCHURMAN, YUMEI JIANG, GEORG VON ARX, JESPER BJÖRKLUND, KRISTINA SEFTIGEN, JAN TUMAJER

400-year multi-parameter reconstruction of Carpathian temperatures from tree rings

¹Faculty of Forestry and Wood Sciences, Czech University of Life Sciences Prague, Prague, Czech Republic

²LARAMG: Radioecology and Climate Change Laboratory, Rio de Janeiro State University, Rio de Janeiro, Brazil

11.20 - 11.35

MIHAI NICULIȚĂ

Pleistocene to Holocene evolution of Bahluieț Valley at Costești (Iași County, Romania) – an interplay between fluvial and hillslope processes

Alexandru Ioan Cuza University of Iași, Romania

11.35 - 11.55

SIMON HUTCHINSON

It's virtually fieldwork: exploring the role of digital visualization tools (DVTs) beyond the COVID-19 pandemic

School of Science, Engineering & Environment, University of Salford, Salford, UK

11.55 - 12.10

VÁCLAV STACKE

What can floodplain deposits of one of the last colonized catchments in central Europe tell us about Late Holocene climate and land-use changes?

University of West Bohemia, Plzeň, Czech Republic

12.10 - 12.25

ARITINA HALIUC et al.

Impacts of climate change and human activities over the Holocene using multi-proxy analysis from lake sediment records

University of Suceava, Geography Department, Romania

12.25 - 12.40

RASTKO S. MARCOVIĆ¹, ZORAN PERIĆ, MILIVOJ B. GAVRILOV, SLOBODAN B. MARKOVIĆ, RANDALL SCHAETZL, IGOR OBREHT, GÁTI SZABOLCS, MILICA G. RADAKOVIĆ., ALEKSANDAR RADIVOJEVIĆ, MILOŠ MARJANOVIĆ, PETAR KRSANOVIĆ, GYÖRGY SIPOS

Aeolian dynamics during the last deglaciation at the northern edge of Banat Sand, Vojvodina, Serbia

Department for Geography, Faculty of Sciences, University of Niš, Serbia

13.00 - 14.30: LUNCH

Special guest:

14.30 - 14.50

HEITOR EVANGELISTA

Amazon 10kyr: from the past climate to future challenges

Rio de Janeiro State University, Brazil

14.50 - 18.00: SESSION 2

Moderator: SLOBODAN MARCOVIĆ

Department of Physical Geography, Faculty of Sciences, University of Novi Sad, Serbia

14.50 - 15.05

CARMEN-ANDREEA BĂDĂLUȚĂ and GHEORGHE BĂDĂLUȚĂ

Winter climate variability in Europe during the Medieval Warm Period (MWP) and Little Ice Age (LIA)

Department of Geography, Stefan cel Mare University, Suceava, Romania

Stable Isotope Laboratory, Stefan cel Mare University, Suceava, Romania

15.05 - 15.20

YANA POPIUK and BOGDAN RIDUSH

Late Pleistocene mollusk fauna in terrace deposits of the Zeleniv section (Northern Bukovyna, Ukraine)

Yuriy Fedkovych Chernivtsi National University, Chernivtsi, Ukraine

15.20 - 15.35

G.M. RADAKOVIĆ, R. MARKOVIĆ, P. KRSMANOVIĆ, S.B. MARKOVIĆ

Environmental changes from 30 to 15 ka ago according to malacofauna from Veliki Surduk loess-palaeosol sequence (Serbia)

University of Novi Sad, Faculty of Sciences, Department of Geography, Tourism and Hotel Management, Novi Sad, Serbia

15.35 - 15.50

ANISOARA FILIP, MARCEL MÎNDRESCU, GHEORGHE BĂDĂLUȚĂ, ANCUȚA PETRAȘ, PAUL VIERU, GABRIELA FLORESCU

Palaeoenvironmental conditions and associated human habitation dynamics over the Holocene in the north-eastern Romanian lowlands derived from palaeoenvironmental and archaeological archives

Ștefan cel Mare University of Suceava, Romania

15.50 - 16.05

MONICA OJOG-PASCU, ADRIAN PURDEL, ANISOARA FILIP

Periglacial tors in Curvature Carpathians - identification, spatial distribution, climatic implications and touristic potential

Ștefan cel Mare University of Suceava, Romania

16.05 - 16.20: COFFEE BREAK

16.20 - 17.00: POSTER SESSION

GABRIELA FLORESCU

Erosion dynamics over the Holocene in the lowlands of Romania, based on two high-resolution lacustrine archives. Results from the HoLFloods project

Ștefan cel Mare University of Suceava, Romania

YEVHENII ROHOZIN

Spatial variations in sedimentation and inferred climate changes as revealed by new XRF records from Lake Saki. Taras Shevchenko National University of Kyiv, Kyiv

JÓZSEF SZEBERÉNYI, MÁTÉ KARLIK, ÁGNES NOVOTHNY, ERZSÉBET HORVÁTH, GABRIELLA BARTA, CSILLA KIRÁLY, PÉTER SÍPOS, IVETT KOVÁCS, ISTVÁN VICZIÁN, FRUZZSINA GRESINA, GYÖRGY VARGA, ZOLTÁN SZALAI

IR Spectroscopy of clay fraction of Pleistocene loess-paleosol successions

Research Centre for Astronomy and Earth Sciences, Budapest, Hungary

ALIONA BOTNARI and ANDREI BOTNARI

Comparative analysis of the periods 1961 – 1990 and 1991 – 2020 regarding the impact of climate change on the date of the last frost on the territory of the Republic of Moldova

Institute of Ecology and Geography

DARYNA SHKAIEVA and DARIIA KHOLIIVCHUK

Climate fluctuations in the Carpathians during the Little Ice Age

Yuriy Fedkovych Chernivtsi National University, Chernivtsi

ANATOLIE PUȚUNȚICĂ and LILIANA PUȚUNȚICĂ

Meteorological phenomena of risk in the Bâc hydrographic basin

Ion Creangă State Pedagogical University, Chișinău, Moldova

MÁTÉ KARLIK, MARCEL MINDRESCU, IONELA GRĂDINARU, GÁBOR BOZSÓ, TÜNDE GABRIELLA TÖRŐCSIK

Environmental change in the Bolătau-Feredeu catchment over the last ~600 years

Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, ELKH, Budapest, Hungary

DIANA ISTRATE

The geodemographic features of a village in Bucovina: Straja

Stefan cel Mare University of Suceava, Romania

18.00 - 20.00: DINNER

SATURDAY, November 26th, 2022

Keynote speakers:

9.15 - 9.40

MARIA HÖHN

Changes in the vegetation cover of East-Central Europe in the Holocene based on molecular diversity and distribution pattern of forest tree species

Hungarian Univ. of Agronomy and Life Sciences, Institute of Agronomy, Department of Botany, Budai Campus, Soroksár Botanical Garden

9.40 - 10.05

MARIANA FILIPOVA-MARINOVA and DANAIL PAVLOV

Vegetation dynamics in the Bulgarian Black Sea coastal area during the last 26000 years

Museum of Natural History, Varna, Bulgaria

Society of Innovative Ecologists of Bulgaria, Varna, Bulgaria

10.05 - 10.30

ZOLTÁN KERN and ISTVÁN GÁBOR HATVANI

Speleothem stable isotopes as recorders of climate change from the Eastern part of Europe and Turkey

Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Hungarian Academy of Sciences, Budapest, Hungary

CSFK, MTA Centre of Excellence, Budapest, Hungary

10.30 - 10.50: COFFEE BREAK

10.50 - 13.00: SESSION 3

Moderator: MIHAI NICULIȚĂ

Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași, Romania

10.50 - 11.10

DAVID JARMAN

Rock slope failure in the Southern Carpathians – risks and rewards in Quaternary landform mapping and interpretation

Mountain landform research, Ross-shire Scotland UK

11.10 - 11.25

RĂZVAN POPESCU, ALFRED VESPHEMEANU-STROE, MIRELA VASILE, SABINA CALISEVICI, AUREL PERȘOIU

First borehole drilling for permafrost detection and present climate change impact monitoring in Romania at Detunata Goală overcooled scree, Apuseni Mountains

University of Bucharest, Bucharest, Romania

11.25 - 11.40

VÁCLAV DUFFEK, PAVEL MENTLÍK, ZBYNĚK ENGEL, MIROSLAV ŠOBR, LIBOR PETR

The first deglaciation chronology of south-oriented valley in Bohemian Forest (central Europe) – Preliminary results

University of Ostrava, Ostrava, Czech Republic

University of West Bohemia, Plzeň, Czech Republic

11.40 - 11.55

MAGDALENA MURAWSKA-KAČKA

Deglaciation of the Prut Valley (Chornohora, Ukraine) in the light of geomorphological and sedimentological research

Jagiellonian University, Kraków, Poland

11.55 - 12.10

NICUȘOR NECULA and MIHAI NICULIȚĂ

Geomorphometric delineation of floodplains for quaternary deposits mapping

Tulnici Research Station, Alexandru Ioan Cuza University of Iași, Romania

Department of Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași, Romania

12.10 - 12.25

DANIEL PAPEŽ and VÁCLAV DUFFEK

Can ERT analysis near Großser Rachel, Bavaria, tell us more about glaciation extent of the area and the mountain range?

University of West Bohemia, Plzeň, Czech Republic

12.25 - 12.40

CONSTANTINA FILIPCIUC, ADRIAN TĂTARU, ELENA TUDOR, OVIDIU AVRAM, IRINA STOIAN, ANTONIO ULMEANU, IONUT SCUTELNICU, VALENTINA CETEAN, RADU FĂRNOAGĂ

Using GPR technique on historical limestone quarry from Magura Calanului – Hunedoara County

Geological Institute of Romania, Bucharest, Romania

12.40 - 12.55

OVIDIU EUGEN AVRAM, FILIPCIUC CONSTANTINA, TUDOR ELENA

Evaluation of underground pollution and soils by geophysical and geochemical methods near the Novaci town, Giurgiu County, Mihailesti area – Romania

Geological Institute of Romania, Bucharest, Romania

13.00 - 14.30: LUNCH

14.30 - 16.00: SESSION 4

Moderator: BOGDAN RIDUSH

Yuriy Fedkovych Chernivtsi National University, Chernivtsi, Ukraine

14.30 - 14.45

IONUȚ MINEA

Drought from air to underground – a multiscale analysis for Different Type of Drought in Eastern, Romania

Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Department of Geography, Iasi, Romania

14.45 - 15.00

MIHAI BĂLAN

"Meteo.BN" project: a scientific approach to local climate change using PWS network in Bistrița-Năsăud County

Meteo.BN Association, Bistrita, Romania

15.00 - 15.15

O. COVACI, B. NIGA, R. GAZDA

A new approach in using Rational method through GIS framework

Administrația Bazinală de Apa Siret, Bacău, România

15.15 - 15.30

ADRIAN PURDEL and MONICA OJOG-PASCU

DAAS – Integrated Excel application for the automatic calculation and redaction of a hydrometrical study for water discharge and suspension alluvium

Stefan cel Mare University of Suceava, Romania

15.30 - 15.45

RAUL DOMINIC BECICA

The vulnerability of settlements to climate change (Botosani, Iasi and Vaslui counties, Romania)

Stefan cel Mare University of Suceava, Romania

15.45: CLOSING CEREMONY

18.00 - 20.00: DINNER

SUNDAY, November 27th, 2022

DEPARTURE

CECCEE 2022 ORGANIZING COMMITTEE:

Marcel MINDRESCU. Department of Geography, USV, Romania / GEOCONCEPT
mindrescu@atlas.usv.ro
+40 742 051475

Ionela GRĂDINARU. GEOCONCEPT / UAIC, Iasi, Romania - ionela.gradinaru@gmail.com

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