

CLIMATE AND ENVIRONMENTAL CHANGES IN CENTRAL AND EASTERN EUROPE: Past, Present and Perspectives

Vatra Dornei, Suceava county, Romania, 15-18 October 2026

Conference web site:

<https://geoconcept.ro/ceccee2026/>

Link for Online access:

<meet.google.com/bkw-wegk-jag>

Conference program:

<https://geoconcept.ro/wp-content/uploads/2026/10/CECCEE-2026-program.pdf>

Book of Abstracts:

https://geoconcept.ro/wp-content/uploads/2026/10/Book-of-abstracts_CECCEE-2026_v1.pdf

THURSDAY, October 15th 2026

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



19.00: DINNER

FRIDAY, October 16th 2026

8.15: BREAKFAST

9.30: OPENING CEREMONY

9.30 – 9.40

Marcel MINDRESCU. Chairman of conference

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

GEOCONCEPT Association of Applied Geography, Romania

Speakers:

09.40-10.00

Máté KARLIK^{1,2*} and Kinga M. BERTA^{3,4}

¹ *HUN-REN Research Centre for Astronomy and Earth Sciences – Institute for Geological and Geochemical Research, Budapest, Hungary*

² *HUN-REN CSFK, MTA Centre of Excellence, Budapest, Hungary*

³ *University of Pannonia, Sustainability Solutions Research Laboratory, Veszprém, Hungary*

⁴ *University of Pannonia, Analytical Chemistry Research Group, Veszprém, Hungary*

PLASTIC RESIDUES IN COMPOST AND POTENTIAL ADDITIVE RELEASE: IMPLICATIONS FOR SOIL QUALITY AND PLANT EXPOSURE

10.00-10.20

Sorin CHEVAL^{1,2}

¹ *National Meteorological Administration (MeteoRomania), Bucharest, Romania*

² *Doctoral School of Geography, Faculty of Geography, Babeş-Bolyai University, Cluj-Napoca, Romania*

CONNECTING SECTORS AND SCALES THROUGH CLIMATE SERVICES FOR RESILIENT CITIES AND FORESTS – INSIGHTS FROM CROSSEU, CARMINE AND OPTFOR-EU

10.20-10.40

Piotr KŁAPYTA^{1*}, Piotr KOŁACZEK², Daniel OKUPNY³, Mariusz GAŁKA⁴, Krzysztof BUCZEK⁵, Lidia DUBIS⁶, Elżbieta GORCZYCA¹, Kazimierz KRZEMIENI¹

¹ *Jagiellonian University, Faculty of Geography and Geology, Institute of Geography and Spatial Management, Gronostajowa 7, 30-387 Kraków, Poland*

² *Department of Biogeography and Palaeoecology, Faculty of Geographical and Geological Sciences, Adam Mickiewicz University, Bogumiła Krygowskiego 10, 61-680 Poznań, Poland*

³ *Institute of Marine and Environmental Science, University of Szczecin, Mickiewicza 18, 70-383 Szczecin, Poland, ORCID: 0000-0002-8836-6044*

⁴ *University of Lodz, Faculty of Biology and Environmental Protection, Department of Biogeography, Paleoecology and Nature Conservation, Banacha 1/3, 90-237 Łódź, Poland*

⁵ *Institute of Nature Conservation Polish Academy of Sciences, Adama Mickiewicza Ave. 33, 31-120, Kraków, Poland*

⁶ *Ivan Franko National University of Lviv, Faculty of Geography, Department of Geomorphology and Paleogeography; 79000, Lviv, str. Doroshenka 41, Ukraine*

HOLOCENE ENVIRONMENTAL CHANGES IN THE SVYDOVETS MASSIF (UKRAINE): A MULTI-PROXY RECORD FROM OZERO VELYKE PEATLAND

10.40-11.00

Natalia GERASIMENKO

Taras Shevchenko National University of Kyiv

THE PALAEOENVIRONMENTAL RECORD OF THE PLEISTOCENE SECTIONS IN THE EASTERN AND WESTERN CARPATHIAN FOOTHILLS (UKRAINE)

11.00-11.20

HAMERLÍK L.^{1,2*}, SVITOK M.³, SLOBODNÍKOVÁ V.¹, CHAMUTIOVÁ T.¹, KIZILKAYA S.¹, NOVIKMEC M.³, KOPÁČEK J.⁴, JANTO A.³, BITUŠÍK P.¹

¹ *Department of Biology and Environmental Studies, Faculty of Natural Sciences, Matej Bel University, Tajovského 40, 97401 Banská Bystrica, Slovakia*

² *Institute of Zoology, Slovak Academy of Sciences, Dúbravská cesta 9, 84506 Bratislava, Slovakia*

³ *Department of Biology and General Ecology, Faculty of Ecology and Environmental Sciences, Technical University in Zvolen, Zvolen, Slovakia*

⁴ *Biology Centre CAS, Institute of Hydrobiology, České Budějovice, Czech Republic*
ladislav.hamerlik@umb.sk

CHIRONOMID ASSEMBLAGES FROM EASTERN CARPATHIAN ALPINE LAKES: DRIVING FACTORS AND IMPLICATIONS FOR PALAEO LIMNOLOGY

11.20-11.40

Angelica FEURDEAN^{1*}, Eszter RUPRECHT², Ákos BEDE-FAZEKAS³, Laszlo ERDOS³, Nandor CSIKOS⁴, Csaba TÖLGYESI⁴

¹ *Department of Physical Geography, Goethe University, Frankfurt am Main, Germany 0000-0002-2497-3005 * presenter*

² *Hungarian Department of Biology and Ecology, Babeş-Bolyai University, Str. Republicii nr. 42, 400015, Cluj-Napoca, Romania*

³ *Institute of Ecology and Botany, Lendület Seed Ecology Research Group, HUN-REN Centre for Ecological Research, Alkotmány utca 2-4, 2163, Vácrátót, Hungary*

⁴ *MTA-SZTE 'Momentum' Applied Ecology Research Group, University of Szeged, Közép fasor 52, 6726, Szeged, Hungary*

IMPROVING EUROPEAN REFORESTATION POTENTIAL ESTIMATES TO SUPPORT CLIMATE MITIGATION AND BIODIVERSITY

11.40-12.10: COFFEE BREAK

SESSION 1

Moderator: Carmen BĂDĂLUȚĂ, *Stefan cel Mare University, Department of Geography, Suceava, Romania*

12.10 – 12.30

Mihai GOȚIU^{1*} and Stephanie Danielle ROTH

¹*Romanian Academic Society, Cluj-Napoca, Romania*

²*Babeș-Bolyai University, Cluj-Napoca, Romania*

³*Centrul Independent pentru Dezvoltarea Resurselor de Mediu, Cluj-Napoca, Romania*

STRATEGIC FOR WHOM? A CRITICAL PERSPECTIVE ON THE EXPLOITATION OF CRITICAL RAW MATERIALS IN ROMANIA

12.30-12.50

Cristian Valeriu PATRICHE^{1*}, Ionuț VASILINIUC^{1,2}, Bogdan ROȘCA¹ and Radu Gabriel PÎRNĂU¹

¹ *Romanian Academy, Iași Branch, Center for Geographical Research*

² *“Alexandru Ioan Cuza” University of Iași, Faculty of Geography and Geology*

MODELLING THE EVOLUTION OF SOIL ORGANIC CARBON IN ROMANIA UNDER EROSION IMPACT AND DIFFERENT CLIMATE CHANGE SCENARIOS

12.50-13.05

Vitalie MAMOT^{1*}, Anatolie PUȚUNTICĂ¹, Silvia SUVAC¹, Elena SOCHIRCĂ¹

¹ *“Ion Creanga” State Pedagogical University of Chisinau, Republic of Moldova*

HYDROMETEOROLOGICAL WARNINGS AND THEIR IMPACT ON THE ROAD NETWORK OF THE REPUBLIC OF MOLDOVA (2016–2025)

13.05-13.20

Kacper CEDRO*, Karol PLESIŃSKI

University of Agriculture in Krakow, Faculty of Environmental Engineering and Geodesy, Department of Hydraulic Engineering and Geotechnics

BROWN TROUT (SALMO TRUTTA) MIGRATION THROUGH BLOCK RAMPS ON THE PORĘBIANKA STREAM: THE ROLE OF LOW-FLOW CHANNELS

13.30-15.00: LUNCH

SESSION 2

Moderator:

Anca PETRAȘ, *Stefan cel Mare University, Department of Geography, Suceava, Romania*

15.00-15.15

Anca PETRAȘ

¹ Department of Geography, Stefan cel Mare University, Suceava, Romania

RECONSTRUCTION OF ANTHROPOGENIC ENVIRONMENTAL IMPACT IN THE TĂUL ROȘIA PEAT BOG AREA, LĂPUȘ MOUNTAINS

15.15-15.30

Mihaela DANU^{1,2*}, Svetlana SHNAIDER³, Masnav NAVRUZBEKOV⁴ and Auréade HENRY²

¹ Faculty of Biology, Alexandru Ioan Cuza University of Iași, Iași, Romania

² CEPAM UMR 7264 CNRS, Université Côte d'Azur, France

³ IRL ZooStan – ArchaeoZoological Center for the Study of Central Asia – CNRS – Al-Farabi Kazakh National University, Almaty, Kazakhstan

⁴ Institute of History, Archaeology and Ethnography, AS Tajikistan

PHYTOLITHS AS PROXIES FOR PAST VEGETATION AND ENVIRONMENTAL CONDITIONS IN HIGH-ALTITUDE REGIONS

15.30-15.45

Mihai BARBACARIU^{1*} and Marcel MÎNDRESCU¹

¹ Department of Geography, University of Suceava, Suceava, Romania

THE 2025 BROȘTENI FLOODS (ROMANIA): HYDROLOGICAL SETTING, FLOOD PROPAGATION AND IMPACTS

15:45-16:00

CONSTANTINESCU Lăcrămioara*, Cristian CIMPOEȘU, Dănuț FLOREA, Ionuț MOCĂNIȚĂ, Costel - Ciprian ZLEI

Department of Geography, University of Suceava, Suceava, Romania

PRELIMINARY ENVIRONMENTAL STUDY OF THE SITE: FUNCTIONAL CONVERSION OF AN INDUSTRIAL AREA IN THE MUNICIPALITY OF BOTOȘANI TO ESTABLISH A UNIVERSITY CENTRE

16:00-16:15

Mariia KANDII

¹ Taras Shevchenko National University of Kyiv, Kyiv

ECOSYSTEM SERVICES FOR CLIMATE NEUTRALITY IN URBAN GEOSYSTEMS: CARBON STORAGE ASSESSMENT

16:15-16:30

Carmen-Andreea BĂDĂLUȚĂ^{1,2*}, Gabriela FLORESCU³, Sorin IGNĂTESCU¹

¹ Faculty of History, Geography and Social Sciences, Stefan cel Mare University of Suceava, Romania

² Stable Isotope Laboratory, Stefan cel Mare University of Suceava, Romania

³ MANSiD, Stefan cel Mare University, Suceava, Romania

GEOCHEMICAL VARIABILITY WITHIN ARCHAEOLOGICAL CERAMIC FRAGMENTS AND ITS IMPLICATIONS FOR RAW MATERIAL PROVENANCE STUDIES

16.30-17.00: COFFEE BREAK

SESSION 3

Moderator: Gheorghe CREANGĂ-BĂDĂLUȚĂ, Ștefan cel Mare University, Department of Geography, Suceava, Romania

17:00-17:15

Mihaela VERGA^{1*}, Alfred VESPREMEANU-STROE¹, Florin TĂTUI¹, Răzvan POPESCU¹

¹Faculty of Geography, University of Bucharest, Romania

TRACING CLIMATE CHANGE: CONTRIBUTION TOWARDS IMPROVED CLIMATE CHANGE EDUCATION AND RESEARCH

17:15-17:30

Ilie DUNCA^{1,2}

¹Inspectorate for Emergency Situations Bistrița-Năsăud County, Romania

² Department of Geography, University of Suceava, Suceava, Romania

COMPARATIVE OPERATIONAL ANALYSIS OF WILDFIRES IN SOUTHERN FRANCE AND ROMANIA UNDER INCREASING CLIMATE PRESSURE

17:30-17:45

Dinu OPREA

University of Suceava, Department of Geography, Suceava, Romania

HERBACEOUS PLANT SPECIES OF CONSERVATION VALUE OUTSIDE PROTECTED STEPPE AREAS IN SUCEAVA COUNTY (ROMANIA)

17:45-18:00

Cristian CIMPOEȘU¹, Paul VIERU²

¹ University of Suceava, Department of Geography, Suceava, Romania

² Botoșani County Directorate for Environmental Protection, Botoșani, Romania

ASSESSMENT OF THE EFFICIENCY OF HYDRAULIC BARRIERS AND THE KINETICS OF LEACHATE STABILIZATION IN NON-COMPLIANT URBAN LANDFILLS: A COMPARATIVE STUDY OF THE SĂVENI AND DARABANI SITES, ROMANIA

18:00-18:15

Septimius TRIF^{1,2,*}, Mihaela OLTEI³, Ioan-Bogdan BENGĂ⁴ and Ciprian-Liviu GLOGOJANU⁵

¹Faculty of Geography, "Babeș Bolyai" University, 5-7 Clinicilor Street, 400006 Cluj-Napoca, Romania

² "Nicolae Titulescu" College, 125 "13 Decembrie" Street, 500164 Brașov, Romania

³Secondary School No. 5 Brașov, 3 "Dr. Ioan Cantacuzino" Street, 500073 Brașov, Romania

⁴Moieciu de Jos Middle School, 502B Main Street, 507135 Moieciu de Jos, Romania

⁵"Mitropolit Ioan Mețianu" Theoretical High School, 23 "Dr. Ioan Șenchea" Street, 505800 Zărnești, Romania

MORPHO-TOURISTIC LANDSCAPES AND GEODIVERSITY ANALYSIS OF THE BRAN – RUCĂR – DRAGOSLAVELE CORRIDOR (THE ROMANIAN CARPATHIANS)

18:15-18:30

Mircea-Margarit NISTOR^{1,2,3}

¹Founder and Director at Converse2

²Geotech Engineer and Project Manager

³Freelance Contractor for Fielders Geotechnics at Strata Geotechnics

CAREER DEVELOPMENT IN EARTH SCIENCES: THE PATH FROM THE ACADEMIC STUDIES TO THE PROFESSIONAL ENVIRONMENT

18.30: CLOSING CEREMONY

18.40: DINNER

POSTERS SESSION

Domenic-Raul BECICA^{1*}, Diana ISTRATE¹ and Marcel MÎNDRESCU¹

¹*Department of Geography, Ștefan cel Mare University of Suceava, Universității Street 13, 720229 Suceava, Romania*

HYDRO-GEOMORPHOLOGICAL CONNECTIVITY, FLOOD EXPOSURE AND CLIMATE-SENSITIVE SETTLEMENT VULNERABILITY IN THE MOLDAVIAN PLATEAU, EASTERN ROMANIA

Vasile BUDUI^{1*}, Jan ROMANISZYN², Przemysław MAKAROWICZ², Paweł JAROSZ³, Krzysztof MICHALCZEWSKI², Bogdan Petru NICULICĂ⁴, Sorin IGNĂTESCU¹

¹*„Ștefan cel Mare” University of Suceava, Romania*

²*Adam Mickiewicz University, Poznań, Poland*

³*Institute of Archaeology and Ethnology, Polish Academy of Sciences, Kraków, Poland*

⁴*Bucovina National Museum, Suceava, Romania*

INTERDISCIPLINARY RESEARCH IN ARCHAEOLOGICAL SITES OF THE SUCEAVA PLATEAU. PRELIMINARY CONSIDERATIONS UPON SOIL EVOLUTION IN BRONZE AGE BURIAL MOUNDS

Gheorghe CREANGĂ-BĂDĂLUȚĂ^{1*}, Carmen-Andreea BĂDĂLUȚĂ^{1,2}

¹*Department of Geography, Ștefan cel Mare University of Suceava, Romania*

LONG-TERM CHANNEL ADJUSTMENTS OF THE NEGRU RIVER: A HISTORICAL AND MORPHOMETRIC ANALYSIS

Anișoara FILIP^{1,2*}, Marcel MINDRESCU^{1,3}

¹*Ștefan cel Mare University of Suceava, Romania*

²*University of Bucharest, Romania*

³*Geoconcept Association of Applied Geography, Fluturica, Romania*

SUBFOSSIL CHIRONOMID-INFERRED MEAN JULY AIR TEMPERATURE FROM LAKE BEZBOG, PIRIN MOUNTAINS (BULGARIA): PROGRESS OF AN ONGOING RECONSTRUCTION

Máté KARLIK^{1,2*}, Anett LÁZÁR^{1,2} and Péter NÉMETH^{1,2}

¹*HUN-REN Research Centre for Astronomy and Earth Sciences – Institute for Geological and Geochemical Research, Budapest, Hungary*

²*HUN-REN CSFK, MTA Centre of Excellence, Budapest, Hungary*

ASSESSING THE PRESERVATION OF PALEOCLIMATE PROXY CARBONATES USING FTIR SPECTROSCOPY

Máté KARLIK^{1,2*}, Codrin-Fabian SAVIN³, Gabriella Tünde TÖRŐCSIK⁴, Zoltán MAY⁵, Marcel MÎNDRESCU³, Ionela GRĂDINARU³

¹ HUN-REN Research Centre for Astronomy and Earth Sciences – Institute for Geological and Geochemical Research, Budapest, Hungary

² HUN-REN CSFK, MTA Centre of Excellence, Budapest, Hungary

³ Ștefan cel Mare University of Suceava, Suceava, Romania

⁴ Budapest, Hungary

⁵ HUN-REN Research Centre for Natural Sciences, Institute of Materials and Environmental Chemistry, Budapest, Hungary

LAKE SEDIMENT EVIDENCE AND HISTORICAL RECORDS OF CLIMATE AND LANDSCAPE CHANGE IN THE EASTERN CARPATHIANS

Dariia KHOLIIVCHUK¹, Olha DANILOVA¹, Halyna MARCHUK², Ivanna MARCHUK^{2*}

¹ Yuriy Fedkovych Chernivtsi National University

² National Nature Park "Vyzhnytskyi"

SPATIAL CHANGES IN CLIMATE TYPES ACROSS UKRAINE IN THE 20TH–21ST CENTURIES: BASED ON THE KÖPPEN–GEIGER CLASSIFICATION

Codrin-F. SAVIN^{1*}, Anișoara FILIP^{1,2}, Marcel MÎNDRESCU^{1,3}

¹ Department of Geography, "Ștefan cel Mare" University of Suceava, Romania

² University of Bucharest, Romania

³ Geoconcept Association of Applied Geography, Fluturica, Romania

A SYSTEMATIC SYNTHESIS OF TEMPERATURE AND PRECIPITATION RECONSTRUCTIONS IN ROMANIA

SATURDAY, October 17th 2026

8.15: BREAKFAST

10.00: SPORT COMPETITION

12.00: LUNCH

13.00: FIELD TRIP

19.00: DINNER

SUNDAY, October 18th 2026

DEPARTURE

ORGANIZING COMMITTEE:

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