



WMCEES 2026

10TH WORLD MULTIDISCIPLINARY
CONGRESS ON EARTH AND
ENVIRONMENTAL SCIENCES

PROGRAM BOOK

Czech Republic, Ostrava | 7-11 September 2026

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SAVE THE DATE & JOIN US NEXT YEAR for the 11th WMCEES (6-10 September 2027, Ostrava)



**World Multidisciplinary Congress on Earth and
Environmental Sciences**

(07 – 11 September 2026 – Ostrava, Czech Republic)

REGISTRATION

(From Monday 07 September, 2026 to Thursday 10 September, 2026)

07 September, 2026	Registration will start on Monday from 08:00 to 17:00 in Auditorium VSB-TUO
08 September, 2026	Registration continue from 9:00 to 16:30
09 September, 2026	in Geological Pavilion VSB-TUO
10 September, 2026	

Monday – 07 September, 2026

OPENING CEREMONY

(Auditorium VSB-TUO, hall UA2)

11:00 - 11:15	Opening Speeches
11:15 - 11:45	Opening Concert
11:45 - 12:45	Key Speaker <i>Ground Barriers for Mitigating Transport-Induced Vibrations: From Experimental Evidence to Engineering Applications</i> Alicja Kowalska Koczwarą Cracow University of Technology, Poland
12:45 - 14:00	Lunch Break
14:00 - 15:00	Key Speaker <i>Climate Change Effects on Ground Deformation: Mechanisms and Risks</i> Zofia Zięba Wrocław University of Environmental and Life Sciences, Poland
15:00 - 15:30	Coffee Break

15:30 - 16:30

Key Speaker

***Mitigating Landslide Risks: Geotechnical Stability of Newly
Constructed Railways in the Carpathian Flysch***

Janusz Kogut

Cracow University of Technology, Poland

WELCOME PARTY

19:00

Welcome Party in Auditorium VSB-TUO



Tuesday – 08 September, 2026

ORAL PROGRAM

GEOLOGICAL PAVILON VSB-TUO - HALL GP105	
SESSION: Water Resources, Hydro-Hydrogeological Sciences	
Chairman: Tomasz Templin - University of Warmia and Mazury in Olsztyn, Poland	
09:30 - 09:45	IMMERSIVE DECISION SUPPORT FOR INLAND PORT ACCESSIBILITY UNDER VARIABLE WATER LEVELS USING DIGITAL TWIN-ORIENTED FRAMEWORK AND VIRTUAL REALITY Tomasz Templin - University of Warmia and Mazury in Olsztyn, Poland
09:45 - 10:00	USING OF ADV METHOD FOR MEASURING OF FLOW VELOCITY COMPONENTS IN THE STREAM Radoslav Schugerl - Institute of Hydrology, Slovak Academy of Sciences, Slovakia
10:00 - 10:15	INTEGRATING BATHYMETRY, GEOSPATIAL DATA AND AUGMENTED REALITY FOR SAFER INLAND NAVIGATION: THE ŽEGLUJ! MOBILE APP – A CASE STUDY IN THE GREAT MASURIAN LAKE Dariusz Popielarczyk - University of Warmia and Mazury in Olsztyn, Poland
10:15 - 10:30	IMPACTS OF CLIMATE CHANGE AND AGROPASTORAL WASTE ON THE WATER RESOURCES OF AN ALLUVIAL AQUIFER Habiba Majour - Badji Mokthar, Algeria
10:30 - 10:45	FACTORS INFLUENCING THE NORTH-SOUTH RAINFALL PATTERN OF THE INDIAN SUMMER MONSOON Ramesh Kumar Yadav - Indian Institute of Tropical Meteorology, Pune, India
COFFEE BREAK	

**SESSION: Oil, Gas & Coal, Energy, Resources & Pollution & the Environment****Chairman: Chanapol Charoentanaworakun - Chiang Mai University, Thailand**

11:15 - 11:30	EFFECT OF MUD ADDITIVES FORMULA ON RHEOLOGICAL PROPERTIES OF ECO-FRIENDLY WATER-BASED MUD USED IN FANG OILFIELD, THAILAND Chanapol Charoentanaworakun - Chiang Mai University, Thailand
11:30 - 11:45	NEW RELIABLE, EFFICIENT, AND COST-EFFECTIVE CATHODIC PROTECTION SYSTEM Giorgi Leluashvili - Grigol Tsulukidze Mining Institute, Georgia
11:45 - 12:00	NUMERICAL MODELLING OF MICROPLASTIC TRANSPORT IN THE CONFLUENCE AREA OF THE EAST JIU RIVER AND THE MALEIA STREAM USING A CFD–DPM APPROACH Angelica-Nicoleta Gaman - National Institute for Research and Development in Mine Safety and Protection to Explosion – INSEMEX Petroșani, Romania
12:00 - 12:15	METAL RECOVERY POTENTIAL OF THE PETRILA MINE DUMP: GEOCHEMICAL CHARACTERIZATION USING ICP-OES AND XRF ANALYSIS METHODS Andrei Szollosi-Mota - National Institute for Research and Development in Mine Safety and Protection to Explosion – INSEMEX Petroșani, Romania
12:15 - 12:30	Thailand MULTISECTORAL TASKS IN THE FIELD OF WASTE MANAGEMENT WITH THE AIM OF IMPROVING ENVIRONMENTAL PROTECTION Dragan Milošević - Mining institute, Ltd. Belgrade, Serbia

END OF ORAL SESSIONS

**GEOLOGICAL PAVILON VSB-TUO - HALL GP106****SESSION: Geology, Geological Heritage & Geoparks, Mineralogy, Geothermal Energy**

Chairman: Marco Lezzerini - University of Pisa, Italy

09:30 - 09:45	SOME REMARKS ON THE MOST GLACIOTECTONICALLY DEFORMED LIGNITE DEPOSITS IN THE WORLD – SIENIAWA, WESTERN POLAND Marek Widera - Adam Mickiewicz University, Poland
09:45 - 10:00	MANTLE HETEROGENEITY AND SUPRA-SUBDUCTION-ZONE REWORKING OF PERIDOTITES IN THE ASWAD BLOCK, UNITED ARAB EMIRATES Mabrouk Sami Mohamed Hassan - United Arab Emirates University, United Arab Emirates
10:00 - 10:15	NARRATING DEEP TIME IN THE DIGITAL ERA THROUGH A MULTI-PLATFORM 3D ENVIRONMENT FOR GEOTOURISM AND GEOLOGICAL OUTREACH Annachiara Rosati - University of Bari Aldo Moro, Italy
10:15 - 10:30	CALCITE–DOLOMITE GEOTHERMOMETRY OF THE PORTORO FORMATION (NORTHERN APENNINES, ITALY): CONSTRAINTS ON METAMORPHIC GRADE Marco Lezzerini - University of Pisa, Italy
10:30 - 10:45	NUMERICAL SIMULATION OF HARNESSING GEOTHERMAL ENERGY FROM ABANDONED OIL WELLS IN THE VOLVE FIELD, NORTH SEA Housameddin Sherif - Instituto Superior Técnico, Portugal

COFFEE BREAK**SESSION: Geotechnics, Engineering Geology**

Chairman: Alicja Kowalska-Koczwara - Cracow University of Technology, Poland

11:15 - 11:30	SYSTEM FOR GENERATING PURE TORSION IN DELAMINATED MULTILAYERED BARS UNDER IMPACT ACTION OF EXTERNAL LOADING Victor Rizov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
11:30 - 11:45	ANALYSIS OF THE INFLUENCE OF SOIL CONDITIONS ON THE DYNAMIC CHARACTERISTICS OF A SELECTED BUILDING STRUCTURE Alicja Kowalska-Koczwara - Cracow University of Technology, Poland



11:45 - 12:00	EFFECT OF THE OPERATION OF AN ELECTRIC MOTOR ON THE LENGTHWISE FRACTURE IN THE ELEMENTS OF AN INHOMOGENEOUS MOUNT Victor Rizov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
12:00 - 12:15	CREEP EQUATIONS IN UNIAXIAL TENSION OR COMPRESSION: AN OVERVIEW Victor Rizov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
12:15 - 12:30	RGB IMAGE-BASED CHARACTERIZATION OF DOLOMITE WEATHERING FOR MINING APPLICATIONS Candan Alptekin - Zonguldak Bulent Ecevit University, Turkey
END OF ORAL SESSIONS	

WORKSHOP

GEOLOGICAL PAVILION VSB-TUO - HALL GP106	
14:00 - 14:45	DIGITAL TECHNOLOGIES AND COMPUTER GRAPHICS FOR GEOLOGICAL AND CULTURAL HERITAGE ENHANCEMENT – part 1 Annachiara Rosati, Michele Buldo - University of Bari Aldo Moro, Italy
COFFEE BREAK	
15:00 - 15:45	DIGITAL TECHNOLOGIES AND COMPUTER GRAPHICS FOR GEOLOGICAL AND CULTURAL HERITAGE ENHANCEMENT – part 2 Annachiara Rosati, Michele Buldo - University of Bari Aldo Moro, Italy

POSTER PROGRAM

GEOLOGICAL PAVILION VSB-TUO - 09:30 – 16:30	
Stand No: 1	LASER-PLASMA TECHNOLOGY FOR CREATING SILICON-GRAPHENE SOLAR CELLS Amiran Bibilashvili - LEPL Institute of Micro and Nanoelectronics, Georgia
Stand No: 2	ULTRA-WIDE BAND GAP MATERIAL GALLIUM OXIDE, TECHNOLOGY, PROPERTIES, CHARACTERIZATION Amiran Bibilashvili - LEPL Institute of Micro and Nanoelectronics, Georgia
Stand No: 3	GALLIUM OXIDE BASED MEMORY SWITCHING DEVICE Zurab Kushitashvili - LEPL Institute of Micro and Nanoelectronics, Georgia
Stand No: 4	INFLUENCE OF GROWING PARAMETERS ON OPTICAL BAND GAP OF GALLIUM NITRIDE DEPOSITED ON SAPPHIRE BY REACTIVE MAGNETRON SPUTTERING Zurab Kushitashvili - LEPL Institute of Micro and Nanoelectronics, Georgia
Stand No: 5	ENVIRONMENTAL IMPACT ASSESSMENT OF THE ROUINA IRON MINE (NORTHERN ALGERIA) Hadj Mohamed Nacéra - Djillali Bounaama university, Algeria
Stand No: 6	A TUNNEL SEISMIC ADVANCE PREDICTION SYSTEM BASED ON WIRELESS ACQUISITION Yao Wang - Chongqing University of Posts and Telecommunications, China
Stand No: 7	ANALYSIS OF FLUE DUST FROM HOT-DIP GALVANIZATION Slavomír Hredzák - Institute of Geotechnics of Slovak Academy of Sciences, Slovakia
Stand No: 8	VIBRATION ANALYSIS AND ROCK DEBRIS IN THE ROCK DRILLING PROCESS Mária Bali Hudáková - Institute of Geotechnics of Slovak Academy of Sciences, Slovakia
Stand No: 9	EVALUATION OF ROCK DEBRIS BASED ON PARTICLE SHAPES AND SIZES Mária Bali Hudáková - Institute of Geotechnics of Slovak Academy of Sciences, Slovakia
Stand No: 10	MUOGRAPHY GEORESOURCES EXPLORATION Sunjay Sunjay - Seismic Imaging Centre Geophysics Bhu Varanasi India, India

Wednesday – 09 September, 2026

ORAL PROGRAM

GEOLOGICAL PAVILON VSB-TUO - HALL GP105	
SESSION: Climatology, Green & Sustainable Science & Technology, Environmental Engineering I	
Chairman: Mariana Carmelia Dragomir Balanica - University Dunarea de Jos Galati, Romania	
09:45 - 10:00	CO ₂ EMISSION INTENSITY, GHG DYNAMICS BY ECONOMIC SECTORS AND THE IMPACT OF NATURAL DISASTERS ON POPULATION HEALTH IN ROMANIA Mariana Carmelia Dragomir Balanica - University Dunarea de Jos Galati, Romania
10:00 - 10:15	TECHNOLOGICAL AND BIOLOGICAL STRATEGIES FOR INCREASING PROFITABILITY IN INTEGRATED AQUACULTURE FARMS IN ROMANIA Gabriela Alina Cioromele - University Dunarea de Jos Galati, Romania
10:15 - 10:30	ENVIRONMENTAL ANALYSIS BASED ON A GREEN CALIBRATION METHOD Paweł Kościelniak - Jagiellonian University, Poland
10:30 - 10:45	SUSTAINABLE UTILIZATION OF POULTRY FEATHER WASTE IN CEMENT-BASED MATERIALS Djamila Aboutaleb - M'hamed Bougara University of Bumerdes, Algeria
COFFEE BREAK	

**SESSION: Environmental Engineering II****Chairman: Giorgi Leluashvili - Grigol Tsulukidze Mining Institute, Georgia**

11:15 - 11:30	CHLORINE DECAY KINETICS IN SURFACE WATERS OF ANGOLA Ramiro Martins - Bragança Polytechnic Institute, Portugal
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11:30 - 11:45	PROCESSING AND CHARACTERIZATION OF DATE PALM CELLULOSE NANOCRYSTALS/ POLY(LACTIC ACID) BIONANOCOMPOSITES Benalia Kouini - University of Boumerdes, Algeria
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11:45 - 12:00	NEW RELIABLE, EFFICIENT, AND COST-EFFECTIVE CATHODIC PROTECTION SYSTEM Giorgi Leluashvili - Grigol Tsulukidze Mining Institute, Georgia
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12:00 - 12:15	DICLOFENAC REMOVAL WITH MORINGA OLEÍFERA SHELL BIOSORBENT Ramiro Martins - Bragança Polytechnic Institute, Portugal
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END OF ORAL SESSIONS

**GEOLOGICAL PAVILON VSB-TUO - HALL GP106****SESSION: Mining & Mineral Processing**

Chairman: Anna Abramowicz - University of Silesia in Katowice, Poland

09:30 - 09:45	STUDY OF MECHANICAL STRESS IN AN AREA NEAR THE CUTTING EDGE OF STANDARD TEETH USED TO DETERMINE THE DISPLACEMENT FORCES DURING THE MACHINING OF COAL AND ROCK Alin Daniel Radu - University of Petrosani, Romania
09:45 - 10:00	THERMAL ACTIVITY AND VEGETATION PATTERNS ON SMOULDERING COAL-WASTE DUMPS IN THE UPPER SILESIA COAL BASIN Anna Abramowicz - University of Silesia in Katowice, Poland
10:00 - 10:15	THE USE OF DEEP EUTECTIC SOLVENTS IN THE RECOVERY OF METALS FROM SULFIDIC ORES Viktória Kožárová - Institute of Geotechnics of the Slovak Academy of Sciences, Slovakia
10:15 - 10:30	NUMERICAL MODELING USING THE FINITE ELEMENT METHOD OF THE DRILL-WORKING TOOL - ROCK WALL SYSTEM TAKING INTO ACCOUNT THE PROPAGATION OF LONGITUDINAL VIBRATIONS IN THE SLIDING CROSSBEAM AND THE MOVEMENT MECHANISM OF DRILLS Alin Daniel Radu - University of Petrosani, Romania
10:30 - 10:45	UNDERWATER EXPLOITATION OF COAL AND GRAVEL ON THE BANK OF THE DANUBE RIVER, AT THE KOVIN MINE, SERBIA Branka Jovanović - Mining Institute Belgrade, Serbia

COFFEE BREAK**SESSION: Geochemistry, Geophysics & Seismology, Modelling and Soft Computing in Earth Sciences**

Chairman: Giorgi Nozadze - LEPL G. Tsulukidze Mining Institute, Georgia

11:15 - 11:30	ASSESSMENT OF METALS CONCENTRATIONS IN SOILS OF ABU DHABI EMIRATE USING POLLUTION INDICES AND MULTIVARIATE STATISTICS Yousef Nazzal - Zayed University, United Arab Emirates
11:30 - 11:45	MINERAL CHEMISTRY, THERMOBAROMETRY, AND PETROGENESIS OF ORTHO-AMPHIBOLITES FROM THE MASAFI METAMORPHIC SOLE OF THE SEMAIL OPHIOLITE, UNITED ARAB EMIRATES Bahaa Eldin Amin - United Arab Emirates University, United Arab Emirates



11:45 - 12:00	NUMERICAL ANALYSIS OF THE MAGNETIC FLUX LEAKAGE FIELD INDUCED BY INTERNAL DEFECTS IN LONGITUDINAL FERROMAGNETIC STRUCTURES Giorgi Nozadze - LEPL G. Tsulukidze Mining Institute, Georgia
12:00 - 12:15	COMPARISON OF A SEMI-PHYSICAL MODEL AND AN ARTIFICIAL NEURAL NETWORK FOR SIMULATING PAST GROUNDWATER LEVELS, IN A KARST AQUIFER IN SOUTHERN FRANCE Anne Johannet - HSM, Univ. Montpellier, IMT Mines Ales, CNRS, IRD, France

END OF ORAL SESSIONS**WORKSHOP****GEOLOGICAL PAVILION VSB-TUO - HALL GP106**

14:00 - 15:00	CPT/CPTU IN MODERN GEOTECHNICS: SUBSOIL CLASSIFICATION AND DEEP FOUNDATION DESIGN – part 1 Janusz Kogut - Cracow University of Technology, Poland
COFFEE BREAK	
15:15 - 16:15	CPT/CPTU IN MODERN GEOTECHNICS: SUBSOIL CLASSIFICATION AND DEEP FOUNDATION DESIGN – part 2 Janusz Kogut - Cracow University of Technology, Poland

POSTER PROGRAM

GEOLOGICAL PAVILON VSB-TUO - 09:30 – 16:30	
Stand No: 1	CLIMATE CHANGE RESHAPES VINEYARD DISEASE–PEST PRESSURE AND GRAPE YIELD LOSSES IN ROMANIA Cecilia Serban - University Dunarea de Jos Galati, Romania
Stand No: 2	ASSESSMENT OF SLAM-BASED HANDHELD MOBILE LIDAR SCANNING FOR TILT DETERMINATION OF CIRCULAR-SECTION STRUCTURES: A CASE STUDY Emiliya Ilieva - University of Architecture, Civil Engineering and Geodesy, Bulgaria
Stand No: 3	VERTICAL ACCURACY ASSESSMENT OF POINT CLOUD AND DIGITAL TERRAIN MODEL DERIVED FROM HANDHELD LIDAR-SLAM MOBILE SCANNING IN A GEOMETRICALLY POOR URBAN ENVIRONMENT Emiliya Ilieva - University of Architecture, Civil Engineering and Geodesy, Bulgaria
Stand No: 4	A TOPO-BATHYMETRIC DATA INTEGRATION APPROACH TO STUDY THE DYNAMICS IN THE DANUBE DELTA Gabriel Iordache - National Research-Development Institute for Marine Geology and Geoecology - GeoEcoMar, Romania
Stand No: 5	EXPLORING A RELATIONSHIP BETWEEN EARTHQUAKES LOCATION AND THE TEMPERATURE EVOLUTION OF A SEDIMENTARY BASIN IN THE ATLANTIC Maria Rosa Duque - Universidade de Évora, Portugal
Stand No: 6	GROUND-PENETRATING RADAR INVESTIGATIONS OF GAS EMISSIONS AT BĂILE LĂZAREȘTI, HARGHITA COUNTY, ROMANIA Andrei Gabriel Dragos - National Institute for Research and Development on Marine Geology and Geo-ecology - GeoEcoMar, Romania
Stand No: 7	RE-EVALUATION OF THE INTERNAL STRUCTURE OF THE OULED H'DAÏM TRIASSIC DIAPIR (WESTERN BIBAN, ALGERIA) USING ELECTRICAL RESISTIVITY TOMOGRAPHY (ERT) Nassim Hallal - CRAAG, Algeria
Stand No: 8	GEOELECTRICAL INVESTIGATION OF AQUIFERS IN THE BODOC SITE, COVASNA COUNTY, USING THE VERTICAL ELECTRICAL SOUNDING (VES) METHOD Marius Bogdan Baraitareanu - GeoEcoMar, Romania



Stand No: 9	INTEGRATION OF DYNAMIC CO ₂ LEAKAGE MODELLING INTO THE DESIGN AND EVALUATION OF MONITORING SYSTEMS FOR GEOLOGICAL STORAGE Anghel Sorin - National Institute for Research and Development on Marine Geology and Geo-ecology – GeoEcoMar, Romania
Stand No: 10	APPLICATION OF MAGNETOMETRIC METHODS FOR DETECTING SUBMERGED METALLIC POLLUTION: CASE STUDY OF RADACINOSU, TREI IEZERE AND LA AMIAZA LAKES (DANUBE DELTA) Anghel Sorin - National Institute for Research and Development on Marine Geology and Geo-ecology – GeoEcoMar, Romania
Stand No: 11	RESILIENT RIVER DEFENSES IN THE VICINITY OF THE TITICACA DELTAS: SLOPE STABILITY ANALYSIS OF DIKES Roberto Alfaro Alejo - Universidad Nacional del Altiplano, Peru
Stand No: 12	LITHOSTRATIGRAPHIC AND MINERALOGICAL CHARACTERIZATION OF DIATOMITE FROM THE TAHALAIT DEPOSIT (NORTHWESTERN ALGERIA): POTENTIAL FOR COSMETIC INDUSTRY APPLICATIONS Janet Bouguebrine - Badji Mokhtar-Annaba University, Algeria
Stand No: 13	INTEGRATED STRUCTURAL ANALYSIS AND 3D SEISMIC DATA: IMPLICATIONS ON THE ENDOGENIC ORIGIN OF THE CIRCULAR MAÂDNA STRUCTURE (TALEMZANE, ALGERIA) Atmane Lamali - CRAAG, Algeria
Stand No: 14	CONVERSION OF TALC INTO SILICA NANOPARTICLES VIA THERMAL AND CHEMICAL TREATMENT Klaudia Simanová - Institute of Geotechnics of Slovak Academy of Sciences, Slovakia

GALA DINNER

19:00	Gala Dinner in Geological Pavilion VSB-TUO - 19:00
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Thursday – 10 September, 2026

ORAL PROGRAM

GEOLOGICAL PAVILON VSB-TUO - HALL GP106	
SESSION: Geodesy, Photogrammetry & Cartography, Informatics, Geoinformatics & Remote Sensing	
Chairman: Vasil Cvetkov - University of Architecture, Civil Engineering and Geodesy, Bulgaria	
10:00 - 10:15	ON THE ERROR DISTRIBUTION IN PRECISE LEVELLING SECTIONS Vasil Cvetkov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
10:15 - 10:30	APPLICATION OF PROBABILISTIC-BASED WEIGHTS IN PRECISE LEVELLING ADJUSTMENTS Vasil Cvetkov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
10:30 - 10:45	ENVIRONMENTAL AND HEALTH IMPACT OF INDUSTRIAL, AGRICULTURAL AND URBAN WASTE Habiba Majour - Badji Mokhtar, Algeria
10:45 - 11:00	ON THE PERFORMANCE OF SOME LOCATION ESTIMATORS REGARDING THE SKEWNESS OF DATA Vasil Cvetkov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
COFFEE BREAK	
SESSION: Oceanography or Marine & Freshwater Biology, Environmental Engineering III	
Chairman: Maciej Gliniak - University of Agriculture in Krakow, Poland	
11:30 - 11:45	RECYCLED PVC GRANULATE IN MACRO-LEVELING MIXTURES AS A SECONDARY CONSTRUCTION MATERIAL Maciej Gliniak - University of Agriculture in Krakow, Poland
11:45 - 12:00	ORGANIC-MINERAL FORMULATION FOR IN SITU RECOVERY OF PETROLEUM-CONTAMINATED SOIL Beata Matuszek - University of Agriculture in Krakow, Poland



12:00 - 12:15	THE INFLUENCE OF ELECTROMAGNETIC FIELD EXPOSURE ON C:N RATIOS IN INDUSTRIAL SEWAGE SLUDGE Arkadiusz Bieszczad - University of Agriculture in Krakow, Poland
12:15 - 12:30	BIOREMEDIATION ROLES AND CARBON SEQUESTRATION EFFECTS OF SEEWEEDS IN COASTAL WATERS Yufeng Yang - Southern Marine Science and Engineering Guangdong Laboratory (Zhuhai), China
END OF ORAL SESSIONS	

WORKSHOP

GEOLOGICAL PAVILION VSB-TUO - HALL GP106	
14:00 - 15:00	OPTIMIZING WASTE MANAGEMENT IN CIRCULAR ECONOMY – part 1 Maciej Gliniak - University of Agriculture in Krakow, Poland
COFFEE BREAK	
15:15 - 16:15	OPTIMIZING WASTE MANAGEMENT IN CIRCULAR ECONOMY – part 2 Maciej Gliniak - University of Agriculture in Krakow, Poland

POSTER PROGRAM

GEOLOGICAL PAVILON VSB-TUO - 09:30 – 16:30	
Stand No: 1	APPLICATION OF ULTRASOUND WAVES IN DETERMINING THE DEGREE OF SATURATION FOR POROUS MEDIA Radoslav Schugerl - Institute of Hydrology, Slovak Academy of Sciences, Slovakia
Stand No: 2	A PRELIMINARY EVALUATION OF DISSOLVED CARBON CONCENTRATIONS AND FLUXES IN AN AGROFORESTRY SCHIST CATCHMENT María Teresa Taboada-Castro - University of A Coruna, Spain
Stand No: 3	HYDROCHEMICAL STUDY OF GROUNDWATER QUALITY AND NITRATE CONTAMINATION IN THE OUED NADOR PLAIN (TIPAZA, ALGERIA) Hadj Mohamed Nacéra - Djillali Bounaama university, Algeria
Stand No: 4	GROUNDWATER QUALITY ASSESSMENT AND POLLUTION RISK USING THE WQI INDEX AND THE SPI MODEL: CASE DUNE MASSIF (NE ALGERIA) Badra Attoui - University of Badji Mokhtar ANNABA, Algeria
Stand No: 5	DETERIORATION OF THE ENVIRONMENT BY WATER AND SOIL POLLUTION Viera Kováčová - Institute of Hydrology, Slovak Academy of Sciences, Slovakia
Stand No: 6	CONCEPTUAL HYDROLOGIC DESIGN OF ADAPTATION MEASURES IN THE CITY OF TRNAVA Marek Sokáč - Institute of Hydrology, Slovak Academy of Sciences, Slovakia
Stand No: 7	SEASONAL CONDITIONS OF WATER TEMPERATURE IN THE HRIŇOVÁ RESERVOIR Yvetta Velísková - Institute of Hydrology, Slovak Academy of Sciences, Slovakia
Stand No: 8	MODELLING MONTHLY CONCENTRATION OF AMMONIUM AND NITRATE NITROGEN IN THE HRON RIVER BASIN: INTEGRATION OF TIME SERIES OF ENVIRONMENT FACTORS Veronika Bačová Mitková - Institute of Hydrology Slovak Academy of Sciences, Slovakia
Stand No: 9	PROBABILISTIC ASSESSMENT OF LOW FLOWS IN THE UPPER IPEĽ RIVER BASIN (SLOVAKIA) Veronika Bačová Mitková - Institute of Hydrology Slovak Academy of Sciences, Slovakia
Stand No: 10	SPATIAL VARIABILITY OF NUTRIENT CONCENTRATIONS ALONG A HUMID TEMPERATE CATCHMENT: THE ROLE OF LAND USE AND SEASONAL HYDROLOGY María Teresa Taboada-Castro - University of A Coruna, Spain

Friday – 11 September, 2026

FIELD TRIP

09:00	From bus stop VSB-TUO (Route will be announced in Venue)
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SOCIAL PROGRAM

07 September, 2026 – Monday

Opening Concert in Auditorium VSB-TUO, hall UA2 - 11:15

Welcome Party in Auditorium VSB-TUO - 19:00

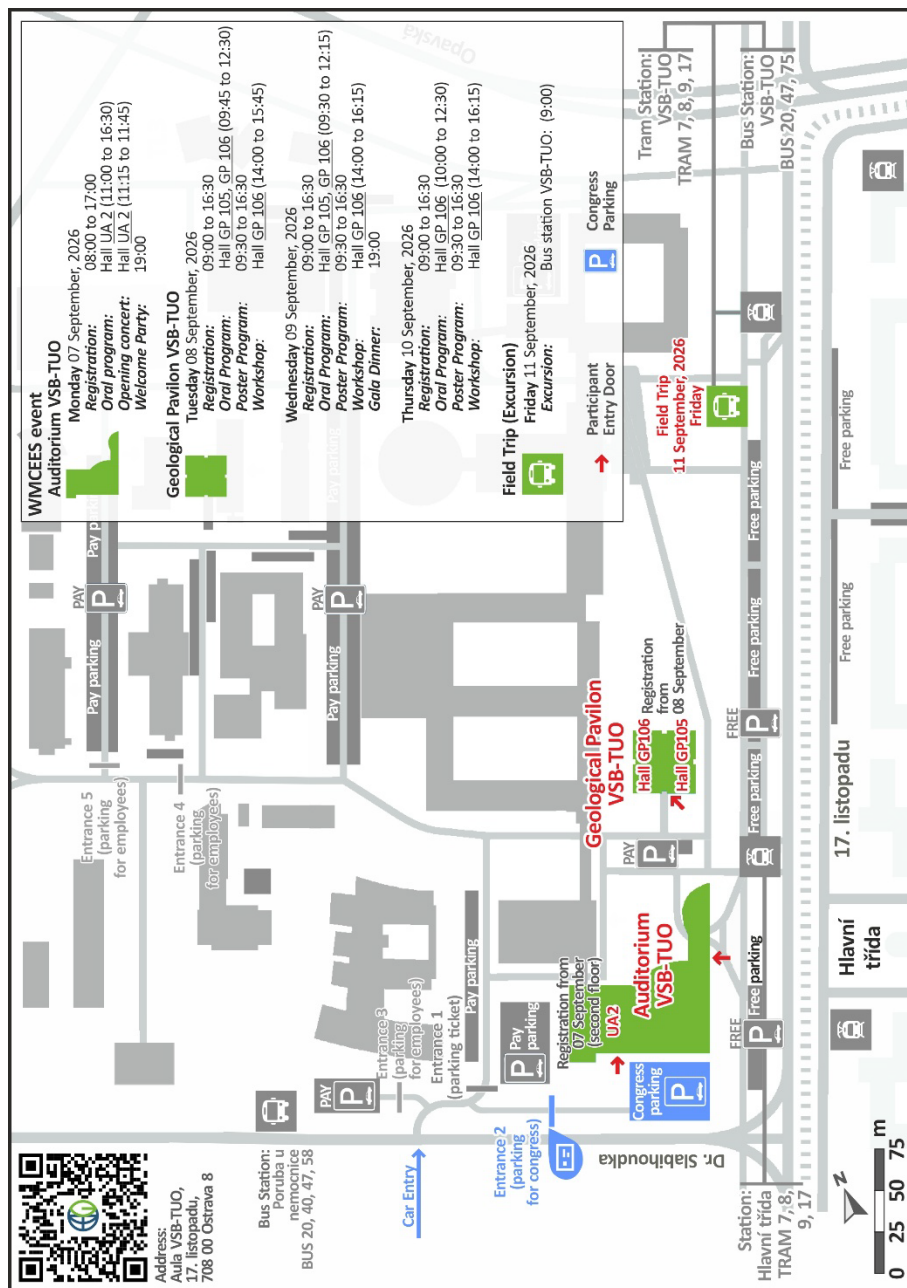
09 September, 2026 – Wednesday

Gala Dinner in Geological Pavilon VSB-TUO - 19:00

11 September, 2026 – Friday

Field Trip from bus stop VSB-TUO - 9:00

(Route will be announced in Venue)





WMCEES 2026

Czech Republic, Ostrava | 7-11 September 2026

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