



International Conference of Young Scientists on Meteorology, Hydrology and Environmental Monitoring (ICYS-MHEM)

November 15-16, 2023

CONFERENCE PROGRAM

Invitation:

Join Zoom Meeting

<https://us04web.zoom.us/j/78420636340?pwd=wWVJnZuZiWNdbRrhKKPwGnT3MM5uUv.1>

Meeting ID: 784 2063 6340

Passcode: 1VqAUX

DAY 1

15 November, 2023

10:00-10:20	Conference opening Welcome words
Terrestrial Hydrology and Hydrochemistry	
10:20-10:40	Karolina Gurjazkaitė , Vytautas Akstinas Effect of teleconnection patterns on the runoff formation of Lithuanian rivers during the warm period
10:40-11:00	Kostiantyn Sokolchuk Some green infrastructure development scenarios and their influence on certain conditions of urban flow formation. Case study of Revuca city, Slovakia
11:00-11:20	Valeriy Osypov , Nataliia Osadcha, Andrii Bonchkovskiy, Oleksandr Kostetskyi, Viktor Nikoriak, Yurii Ahafonov, Yevhenii Matviienko, Herman Mossur, Volodymyr Osadchyi Hydrological model of Ukraine: setup, calibration, and web interface
11:20-11:40	Anhelina Dokus , Hanna Bolbot, Dmitry Skorokhod Research of the Pivdenny Buh river basin hydrometeorological characteristics time trends in the conditions of modern climate change

11:40-12:00	Veronika Rozlach Possibilities of the long-term forecasting of the appearance dates of ice phenomena at the Dnipro cascade reservoirs by heat flow coefficients
12:00-12:20	Viktoriiia Prykhodkina, Borys Khrystiuk Air temperature as a basis for long-term forecasting of break-up ice at the Dnipro cascade reservoirs
12:20-12:40	Anastasia Blaha, Zhannetta Shakirzanova Territorial forecasting of the dry weather flow of the rivers of the Southern Bug river basin
12:40-13:30	Lunch break
13:30-13:50	Anhelina Dokus, Oleg Rubel Modern natural conditions of runoff formation in the Kuyalnik Liman basin
13:50-14:10	Andrii Kolesnik, Zhannetta Shakirzanova Methodological basics of forecasting floods on the rivers of Transcarpattia
14:10-14:30	Oleksandr Afteniuk, Liudmyla Gorbachova Probabilistic characteristics of river ice regimes in the Prypiat basin within Ukraine
14:30-14:50	Serhii Sarnavskii Use of water resources of the left tributaries of the middle Dnipro: hydropower and melioration
14:50-15:10	Dmytro Lutai, Natalia Kichuk Water quality assessment of Katlabukh lake and inflowing rivers
15:10-15:30	Denys Sivaiev, Zhannetta Shakirzanova Long-term spatial forecasting of maximum melt-rainfall runoff of rivers of Ukrainian Polissya
15:30-15:40	Discussion 1st conference day closure

DAY 2
16 November, 2023

9:55-10:00	2nd conference day opening
Meteorology, Climatology, Agricultural Meteorology	
10:00-10:20	Nikola Djubina, Kristiāna Jansone, Olga Sozinova Innovative methods for air micropollution research
10:20-10:40	Mykhailo Savenets Modeling aerosol effects on the atmosphere during the April 2020 wildfire episode
10:40-11:00	Oleksandr Shchehlov Rooftop rainwater harvesting efficiency modeling based on precipitation climatology of the southern region of Ukraine
11:00-11:20	Vladyslav Sidenko, Dmytro Oshurok Future temperature and precipitation climate indices changes over the Transcarpathia region on EURO-CORDEX multimodel ensemble
11:20-11:40	Vazira Martazinova, Vitalii Shpyg, Yaroslav Kykhtenko Analysis of solar radiation changes in large cities of Ukraine in the summer period
11:40-12:00	Anna Tsila, Vitalii Shpyg Interannual variability of total and low cloudiness over large cities of Ukraine: an intercomparison of observations and reanalysis
12:00-12:20	Olena Zabolotna, Oleksandr Kryvoshein, Oleksiy Kryvobok Validation of precipitation data of GPM satellite products over Ukraine
12:20-12:40	Dmytro Oshurok, Vladyslav Sidenko Regression model for potential evaporation prediction
12:40-13:30	Lunch break
Environmental Monitoring	
13:30-13:50	Natalia Ivanova Some aspects of the water salinity dynamics in the floodplain ecosystems
13:50-14:10	Vasyl Ignatyshyn, Monika Ignatyshyn, Adalbert Ignatyshyn, Bohdan Kuplovsky, Vasyl Prokopyshyn, Oleschuk Olena, Tibor Izhak Hydrogeological and meteorological aspects of the geodynamic state of the seismogenerating region

14:10-14:30	Andrii Oreshchenko Draining of the Kahovka water reservoir caused by the russian blowing of the hydroelectric plant dam
14:30-14:50	Zoya Kalinichenko, Roman Zhuchkov The significance of the economy of natural use in the conditions of the interaction of production and the natural environment
14:50-15:10	Zariana Halchenko, Olga Medvedieva Perspective for the application of renewable energy sources at rock dumps
15:10-15:30	Tetyana Pokshevnytska Groundwater monitoring for drinking water supply in Ternopil city
15:30-15:50	Andrii Bonchkovskiy Assessment of anthropogenic pressure by nutrients and organic substances in the Sula river basin
15:50-16:10	Valeriia Rybchynska, Mykhailo Savenets The methodology for burning efficiency estimation in Ukraine using NO ₂ /CO ratio
16:10-16:20	Discussion Conference closure