EVENT PROGRAM

MONDAY, OCTOBER 03, 2022	
10^{50}-11^{20}	**Ceremonial opening** *Assembly hall of main building, 12 Bandera Str. and Online Hall*
11^{20}-13^{00}	**Plenary session** • [GeoTerrace-2022-022] **Preliminary studies of seismicity caused by the water level changes in Dnister upper reservoir** **I. Brusak, K. Tretyak (Lviv Polytechnic National University), R. Pronyshyn (Institute of Geophysics by S.I. Subbotin name of the National Academy of Sciences of Ukraine)* • [GeoTerrace-2022-049] **The combination of satellite images Sentinel-1 and Sentinel-2 for the spatio-temporal changes monitoring assessment in surface water** **Ľ. Kseňak, K. Pukanská, K. Bartoš, J. Šveda (Technical University of Košice)* • [GeoTerrace-2022-081] **3D scanning of monuments in Ukraine during the war** **Yu. Prepodobnyi (Skeiron)* • [GeoTerrace-2022-035] **Pleistocene climate fluctuations recorded in the magnetic susceptibility of the longest LPSs of Ukraine** *V. Bakhmutov, *D. Hlavatskyi, G. Melnyk, S. Mychak, S. Cherkes (Institute of Geophysics of the National Academy of Sciences of Ukraine)* • [GeoTerrace-2022-033] **Modeling and assessment of flooding risks based on a digital terrain model** *O. Dorosh, *I. Kupriianchyk, Ye. Butenko, K. Danko (The National University of Life and Environmental Sciences of Ukraine), R. Kharytonenko (Land Management Institute of National Academy of Agrarian Sciences of Ukraine)*
13^{00}-14^{00}	**Lunch break**
14^{00}-15^{15}	**Oral session** - Multidisciplinary Session *Assembly hall of main building, 12 Bandera Str. and Online Hall*
15^{15}-15^{30}	Coffee break
15^{30}-16^{45}	**Oral session** - Multidisciplinary Session *Assembly hall of main building, 12 Bandera Str. and Online Hall*

TUESDAY, OCTOBER 04, 2022	
09^{00}-11^{15}	**Oral session** - Engineering Geology, Petroleum & Mineral Exploration *Online Hall*
11^{15}-11^{30}	Coffee break
11^{30}-13^{00}	**Oral session** - Engineering Surveying & Deformation Monitoring *Online Hall*
13^{00}-14^{00}	**Lunch break**
14^{00}-15^{15}	**Oral session** - Engineering Surveying & Deformation Monitoring *Online Hall*
15^{15}-15^{30}	Coffee break
15^{30}-17^{00}	**Oral session** - Remote Sensing & GIS for Environmental Monitoring (Session 1) *Online Hall*
17^{00}-17^{15}	Coffee break
17^{15}-19^{00}	**Oral session** - Remote Sensing & GIS for Environmental Monitoring (Session 1) *Online Hall*

WEDNESDAY, OCTOBER 05, 2022	
09^{00}-10^{45}	**Oral session** - Remote Sensing & GIS for Spatial Territory Planning *Online Hall*
10^{45}-11^{00}	Coffee break
11^{00}-13^{00}	**Oral session** - Remote Sensing & GIS for Spatial Territory Planning *Online Hall*
13^{00}-14^{00}	**Lunch break**
14^{00}-16^{00}	**Oral session** - Earth Surface Processes & Geodynamics *Online Hall*
16^{00}-16^{15}	Coffee break
16^{15}-17^{45}	**Oral session** - Remote Sensing & GIS for Environmental Monitoring (Session 2) *Online Hall*
17^{45}-18^{00}	Coffee break
18^{00}-19^{00}	**Oral session** - Remote Sensing & GIS for Environmental Monitoring (Session 2) *Online Hall*
19^{00}-19^{30}	**Summarizing the results of Conference** *Online Hall*

In order to take part in the Conference in the online form, you need to register for free in the Online Hall. Upon successful registration, a link to access all Conference events will be sent to the e-mail you provided.

MONDAY, OCTOBER 03, 2022

Multidisciplinary Session *Chair of Section: dr. I. Savchyn* *Section Secretary: dr. K. Marusazh* *Assembly hall of main building, 12 Bandera Str. and Online Hall*	
14^{00}-14^{15}	[GeoTerrace-2022-042] **Horizontal deformations and the stressed state of the Earth surface caused by reorientation of the shape of the lithosphere** *A. Tserklevych, Y. Shylo, O. Shylo, *O. Zayats (Lviv Polytechnic National University)*
14^{15}-14^{30}	[GeoTerrace-2022-002] **3D of Saulyak deposit** **T. Tsikhon, U. Lushchak, Yu. Baloh (Ivan Franko National University of Lviv), O. Pavlyuk (Carpathian Branch of Subbotin Institute of Geophysics of the National Academy of Sciences of Ukraine), S. Tsikhon (Ivan Franko National University of Lviv)*
14^{30}-14^{45}	[GeoTerrace-2022-004] **Ice glacier velocity determination using Sentinel-1 data: a case study on Wiggins glacier, West Antarctica, 2015-2017** *K. Tretyak (Lviv Polytechnic National University), *D. Kukhtar (Ivano-Frankivsk national technical university of oil and gas)*
14^{45}-15^{00}	[GeoTerrace-2022-064] **Methods analysis of studying surface sub-vertical movements based on Earth remote sensing data (case study Stebnyk potassium salts deposit, Lviv region, Ukraine)** *V. Hlotov, Ye. Shylo, *M. Biala (Lviv Polytechnic National University)*
15^{00}-15^{15}	[GeoTerrace-2022-018] **Geodetic monitoring of the Kaniv HPP dam using satellite radar** **S. Nesterenko, A. Kliepko (National University «Yuri Kondratyuk Poltava Polytechnic»)*
15^{15}-15^{30}	Coffee break
15^{30}-15^{45}	[GeoTerrace-2022-060] **Analysis of the destruction caused by Russian aggression by a semi-automatic method using remote sensing data** **B. Chetverikov (Lviv Polytechnic National University), O. Prokhorchuk (PO "Ukrainian aerial geodesic association"), L. Babiy (Lviv Polytechnic National University)*
15^{45}-16^{00}	[GeoTerrace-2022-010] **Estimation of zenith tropospheric delays based on GNSS data around the Ukrainian Antarctic Akademik Vernadsky station** **S. Doskich, S. Savchuk, I. Savchyn (Lviv Polytechnic National University)*
16^{00}-16^{15}	[GeoTerrace-2022-059] **Tectonomagnetic monitoring of the Wilhelm Archipelago in the Argentine Islands area** *V. Maksymchuk, R. Kuderavets, I. Chobotok, Ye. Nakalov, *N. Pyrizhok (Carpathian Branch of Subbotin Institute of Geophysics of NAS of Ukraine)*
16^{15}-16^{30}	[GeoTerrace-2022-068] **Environmental restrictions of planning the construction of renewable energy facilities in Lviv region** **Ye. Ivanov, M. Lopushanska, M. Teslovych (Ivan Franko National University of Lviv)*
16^{30}-16^{45}	[GeoTerrace-2022-006] **Analysis of seasonal changes of zenith tropospheric delay components determined by data of two pairs of aerological and GNSS stations** **B. Kladochnyi, F. Zablotskyi, O. Serant (Lviv Polytechnic National University)*

TUESDAY, OCTOBER 04, 2022

Engineering Geology, Petroleum & Mineral Exploration *(Online Hall)* *Chair of Section: dr. Yu. Vikhot* *Section Secretary: dr. I. Savchyn*	
09^{00}-09^{15}	[GeoTerrace-2022-001] **Berezhany geological teaching polygon** **M. Oliinyk, I. Bubniak, M. Bihun (Lviv Polytechnic National University)*
09^{15}-09^{30}	[GeoTerrace-2022-023] **Hydrochemical indicators of the oil and gas capacity of the chalk sediments of the central part of the outer zone of the Pre-Carpathian deflection** **A. Boiko, I. Mykhailiv, N. Dubei, V. Rozumna (Ivano-Frankivsk National Technical University of Oil and Gas)*
09^{30}-09^{45}	[GeoTerrace-2022-003] **Oil and gas prospective objects within Carpathian foredeep** **M. Bihun, M. Oliinyk (Lviv Polytechnic National University), O. Pavlyuk (Carpathian Branch of Subbotin Institute of Geophysics of the National Academy of Sciences of Ukraine)*
09^{45}-10^{00}	[GeoTerrace-2022-055] **Study of the influence of geological features of layers - collectors on gas deposit development processes using 3D modeling** **N. Dubei (Ivano-Frankivsk National Technical University of Oil and Gas), M. Dubei (Ukrainian Catholic University), A. Boiko, I. Mykhailiv (Ivano-Frankivsk National Technical University of Oil and Gas)*
10^{00}-10^{15}	[GeoTerrace-2022-040] **Geothermal conditions and vertical thermobaric zoning of hydrocarbon deposits in the eastern oil and gas-bearing region of Ukraine** *O. Pryhodko, I. Hrytsyk, R. Kucher, I. Kurovets (Institute of Geology and Geochemistry of Combustible Minerals Nas of Ukraine), *S. Kurovets (Ivano-Frankivsk national technical university of oil and gas)*

10^{15}-10^{30}	[GeoTerrace-2022-044] **Theoretical calculation of the dilute aqueous solutions activity coefficients taking into account factors of electrical nature** *M. Kravchenko, *Yu. Bereznytska, L. Vasylenko, S. Fedorenko (Kyiv National University of Construction and Architecture)*
10^{30}-10^{45}	[GeoTerrace-2022-038] **Reservoir rock sandstone SiO2 porosity research by atomic-force microscopy and acoustic emission** **Yu. Onanko (Institute of Water Problems and Land Reclamation NAAS), T. Pinchuk-Rugal, A. Onanko, O. Dmytrenko (Taras Shevchenko National University of Kyiv), S. Kuzmych (National University of Water and Environmental Engineering)*
10^{45}-11^{00}	[GeoTerrace-2022-046] **Sandstone SiO2 oil and gas reservoir rock porosity research by mechanical spectroscopy** **Yu. Onanko (Institute of Water Problems and Land Reclamation NAAS), M. Kulish, A. Onanko, O. Dmytrenko (Taras Shevchenko National University of Kyiv), S. Kuzmych (National University of Water and Environmental Engineering)*
11^{00}-11^{15}	[GeoTerrace-2022-062] **Oil and gas reservoir rock sandstone SiO2 porosity research by internal friction method** **Yu. Onanko (Institute of Water Problems and Land Reclamation NAAS), D. Charnyi (Institute of Environmental Geochemistry NASU), A. Onanko, O. Dmytrenko (Taras Shevchenko National University of Kyiv), A. Kuzmych (National University of Water and Environmental Engineering)*
11^{15}-11^{30}	**Coffee break**

Engineering Surveying & Deformation Monitoring *Online Hall* *Chair of Section: dr. D. Kukhtar* *Section Secretary: dr. V. Lozynskyi*	
11^{30}-11^{45}	[GeoTerrace-2022-050] **Modern standard linear basis of original design for metrological verification of geodetic instruments** *I. Trevoho, O. Vanchura (Lviv Polytechnic National University), *A. Khoptar (Charles University Prague, Czech Republic), P. Periy (Hetman Petro Sahaidachnyi National Ground Forces Academy) V. Tarnavskyy (Lviv Polytechnic National University)*
11^{45}-12^{00}	[GeoTerrace-2022-041] **Research and improvement of bimetal benchmark construction** *I. Trevoho (Lviv Polytechnic National University), E. Ilkiv, M. Halyarnyk, D. Kukhtar (Ivano-Frankivsk National Technical University of Oil and Gas), *O. Hrushko (Lviv Polytechnic National University)*
12^{00}-12^{15}	[GeoTerrace-2022-034] **Research of the optimal geometry of the location of antenna systems of single-frequency receivers of aircraft navigation signals under the influence of space weather** **G. Kalashnyk, M. Kalashnyk-Rybalko (Flight Academy of National Aviation University)*
12^{15}-12^{30}	[GeoTerrace-2022-043] **Estimation of accuracy for solving incorrect geodetic problems** *A. Sohor, *A. Brydun, Yu. Hubar, O.-M. Serant (Lviv Polytechnic National University)*
12^{30}-12^{45}	[GeoTerrace-2022-056] **On determination the relationship of geodesic parameters using the theory of implicit functions** *M. Fys (Lviv Polytechnic National University), V. Brydun (Ivan Franko National University of Lviv), A. Brydun, V. Lozynskyi, A. Sohor (Lviv Polytechnic National University)*
12^{45}-13^{00}	[GeoTerrace-2022-052] **Analysis of the methods of determining the area of a spatial triangle** *Yu. Hubar, V. Sai, *L. Vynarchyk, O. Sai (Lviv Polytechnic National University)*
13^{00}-14^{00}	**Lunch break**
14^{00}-14^{15}	[GeoTerrace-2022-048] **The method of optimizing measurements with a ground laser scanner of the green plants of T.Masarik park in Uzhgorod** **Y. Vash, Yu. Hubar (Lviv Polytechnic National University)*
14^{15}-14^{30}	[GeoTerrace-2022-005] **Complex automatic control system of structures in the area of operation of the Dniester PSPP** **A. Zyhar (Yuriy Fedkovych Chernivtsi National University)*
14^{30}-14^{45}	[GeoTerrace-2022-009] **Study of coordinates determination accuracy using GNSS RTK technology by receivers STONEX S900 and S700** **A. Vivat, A. Tserklevych, L. Poliakovska (Lviv Polytechnic National University), N. Nazarchuk (Guild of Geodesist Engineers), O. Hrabovyi (Lviv Polytechnic National University)*
14^{45}-15^{00}	[GeoTerrace-2022-076] **Concept of creation of the automated system of remote deformation monitoring and control of the technical condition of engineering infrastructure** **L. Kuzmych, G. Voropay (Institute of Water Problems and Land Reclamation NAAS), A. Kuzmych, (National University of Water and Environmental Engineering), V. Polishchuk (Institute of Water Problems and Land Reclamation NAAS), A. Kuzmych (Valean i Co)*
15^{00}-15^{15}	[GeoTerrace-2022-078] **Experimental studies of deformation monitoring in metal structures using the electromagnetic method** **L. Kuzmych (Institute of Water Problems and Land Reclamation NAAS), M. Voloshin (Kherson State agrarian and economic University), A. Kuzmych, S. Kuzmych (National University of Water and Environmental Engineering), V. Polishchuk (Institute of Water Problems and Land Reclamation NAAS)*
15^{15}-15^{30}	**Coffee break**

Remote Sensing & GIS for Environmental Monitoring (Session 1) *(Online Hall)* *Chair of Section: dr. L. Davybida* *Section Secretary: dr. K. Marusazh*	
15^{30}-15^{45}	[GeoTerrace-2022-014] **Study of the activity of volcanoes using remote sensing data and GIS technologies** *T. Korkh, *L. Babiy, N. Hrytskiv (Lviv Polytechnic National University)*
15^{45}-16^{00}	[GeoTerrace-2022-019] **Mapping and geoinformation analysis of snow avalanche processes in geocomplexes of the subalpine and alpine highlands of the Chornohora (Ukrainian Carpathians)** **M. Karabiniuk (Uzhhorod National University), Z. Hostiuk (National Nature Park "Hutsulshchyna"), O. Burianyk (Ivan Franko National University of Lviv), V. Leta (Uzhhorod National University), Ya. Terletska (Lviv Tourist information center)*
16^{00}-16^{15}	[GeoTerrace-2022-021] **Determination of Manning coefficients for hydrological modeling of riverbeds with complex characteristics** *M. Halochkin, Kh. Burshtynska, *I. Zayats, S. Tretyak (Lviv Polytechnic National University)*
16^{15}-16^{30}	[GeoTerrace-2022-027] **Analysis of relationship between multispectral drought indices and groundwater levels in the Carpathian region (Ukraine)** **L. Davybida (Ivano-Frankivsk National Technical University of Oil and Gas)*
16^{30}-16^{45}	[GeoTerrace-2022-054] **Temperature regime and ice cover dynamics in the coastal regions of the Antarctic Peninsula** **V. Fedoniuk (Lutsk national technical university), Yu. Luhinina (Municipal Institution "Volyn Regional Junior Academy of Sciences"), M. Fedoniuk, V. Ivantsiv, S. Bondarchuk (Lutsk national technical university)*
16^{45}-17^{00}	[GeoTerrace-2022-065] **An attempt of geo-information mapping of lake-basin systems in the Polissia region of Ukraine for the needs of balanced nature management** *I. Zubkovych (Nobel National Nature Park), I. Kovalchuk (National University of Life and Environmental Sciences of Ukraine), *V. Martyniuk (Rivne State University of Humanities), V. Korbutiak (National University of Water and Environmental Engineering), I. Sukhodolska (Rivne State University of Humanities)*
17^{00}-17^{15}	**Coffee break**
17^{15}-17^{30}	[GeoTerrace-2022-066] **Determining the area of the Shatsky lakes by satellite images using the data of the remote sensing** **K. Mikhulia, A. Mienasova, T. Shovkoplias, N. Tarasova (Taras Shevchenko National University of Kyiv)*
17^{30}-17^{45}	[GeoTerrace-2022-067] **Risk assessment of manifestation of geomorphological processes on the slopes of the Borzhava mountain range using GIS modelling methods for environmental needs determined from precise levelling** **M. Teslovych, D. Krychevska (Ivan Franko National University of Lviv)*
17^{45}-18^{00}	[GeoTerrace-2022-069] **Remote sensing of the earth and GIS technology in monitoring surface water pollution using the example of the Kremenchug reservoir** **V. Semeniaka, V. Zatserkovnyi, T. Shovkoplias, N. Polyakova, L. Martyniuk (Taras Shevchenko National University of Kyiv)*
18^{00}-18^{15}	[GeoTerrace-2022-073] **Comprehensive digital geoecological atlas of the river-basin system: the idea and its practical implementation in Ukraine** **I. Kovalchuk, A. Kovalchuk (National University of Life and Environmental Science of Ukraine), Yu. Andreychuk, Ye. Ivanov, O. Pylypovych (Ivan Franko National University of Lviv)*
18^{15}-18^{30}	[GeoTerrace-2022-075] **Monitoring of green areas using remote sensing technologies** **S. Sakhniuk, V. Zatserkovnyi, N. Polyakova, L. Martyniuk, T. Shovkoplias (Taras Shevchenko National University of Kyiv)*
18^{30}-18^{45}	[GeoTerrace-2022-077] **Application of GIS technology in environmental impact assessment** *Ya. Adamenko, O. Trubenko, V. Humeniuk, *M. Humeniuk (Ivano-Frankivsk National Technical University of Oil and Gas)*
18^{45}-19^{00}	[GeoTerrace-2022-020] **Principles of web mapping of post-military facilities** **S. Repekhovych, R. Sossa (Lviv Polytechnic National University)*

WEDNESDAY, OCTOBER 05, 2022

Remote Sensing & GIS for Spatial Territory Planning *(Online Hall)* *Chair of Section: dr. M. Malanchuk* *Section Secretary: dr. V. Lozynskyi*	
09^{00}-09^{15}	[GeoTerrace-2022-012] **Approaches to the creation of an automated system of monitoring and management of community resources** **A. Dorosh, Sh. Ibatullin, Ye. Tarnopolskyi, A. Barvinskyi, D. Melnyk, (Land Management Institute of National Academy of Agrarian Sciences of Ukraine)*
09^{15}-09^{30}	[GeoTerrace-2022-032] **Agricultural land arrays: methodology of formation, role and significance in remote sensing** **B. Avramchuk, Y. Dorosh, A. Tarnopolskyi, O. Sakal, M. Bratinova (Land Management Institute of National Academy of Agrarian Sciences of Ukraine)*

09^{30}-09^{45}	[GeoTerrace-2022-015] **Assessment of land and real estate: prospects for development using GIS** **B. Avramchuk (Land Management Institute of National Academy of Agrarian Sciences of Ukraine), Yu. Palekha (State Enterprise Y. Bilokon Ukrainian State Scientific-Research Institute of Urban Design "DIPROMISTO"), Yu. Dekhtyarenko (Taras Shevchenko Kyiv National University), A. Tarnopolskyi, M. Malashevskyi (Land Management Institute of National Academy of Agrarian Sciences of Ukraine)*
09^{45}-10^{00}	[GeoTerrace-2022-063] **Modern capabilities of obtaining remote sensing data as an integral tool for maintaining industry cadastres** **O. Dombrovska, D. Hoptsii (State Biotechnological University Kharkiv), O. Kulbaka (State Academy of Construction and Architecture Dnipro), A. Siedov, V. Surkova (State Biotechnological University Kharkiv)*
10^{00}-10^{15}	[GeoTerrace-2022-026] **GIS tools in the formation of environmentally friendly use of agricultural landscapes** *Y. Dorosh (Land Management Institute of National Academy of Agrarian Sciences of Ukraine), O. Dorosh (National University of Life and Environmental Sciences of Ukraine), A. Barvinskyi, *A. Dorosh (Land Management Institute of National Academy of Agrarian Sciences of Ukraine), H. Kolisnyk (National University of Life and Environmental Sciences of Ukraine)*
10^{15}-10^{30}	[GeoTerrace-2022-016] **Crop identification using remote sensing methods and artificial intelligence** *Sh. Ibatullin, Y. Dorosh, O. Sakal (Land Management Institute of National Academy of Agrarian Sciences of Ukraine), O. Dorosh (National University of Life and Environmental Sciences of Ukraine), *A. Dorosh (Land Management Institute of National Academy of Agrarian Sciences of Ukraine)*
10^{30}-10^{45}	[GeoTerrace-2022-030] **The role of Remote Sensing and GIS in the implementation of the category of land rent to the content of the normative monetary valuation of agricultural lands in Ukraine** *Sh. Ibatullin, *O. Sakal, B. Avramchuk, Ye. Tarnopolskyi, R. Kharytonenko (Land Management Institute of National Academy of Agrarian Sciences of Ukraine)*
10^{45}-11^{00}	**Coffee break**
11^{00}-11^{15}	[GeoTerrace-2022-047] **Perspectives of three-dimensional modelling of geodetic surveys in the assessment of real estate** *D. Khainus, *T. Anopriienko (State Biotechnological University), D. Sopov (Luhansk Taras Shevchenko National University), A. Iukhno, M. Savchenko (State Biotechnological University)*
11^{15}-11^{30}	[GeoTerrace-2022-036] **Study of problematic issues in establishing the borders of territorial communities and entering data about them into the State land cadastre** **R. Kharytonenko, A. Barvinskyi, R. Derkulskyi (Land Management Institute of National Academy of Agrarian Sciences of Ukraine), I. Kupriianchyk, Ye. Butenko (The National University of Life and Environmental Sciences of Ukraine)*
11^{30}-11^{45}	[GeoTerrace-2022-057] **Features of land cover mapping in the low-accuracy areas on large-scale maps for land management** **I. Koshkalda, S. Vynohradenko (State Biotechnological University), V. Kulbaka (Prydniprovska State Academy of Civil Engineering and Architecture), D. Steshchenko ((State Biotechnological University)*
11^{45}-12^{00}	[GeoTerrace-2022-037] **Remote sensing for assessment of the natural and anthropogenic transformations of a lake in Polissia area** *M. Malanchuk, *O. Hulko, O. Pobuta (Lviv Polytechnic National University)*
12^{00}-12^{15}	[GeoTerrace-2022-058] **Applying GIS-technologies for spatial modelling of the territory of Sukhovolia village council in Lviv region** *M. Malanchuk, N. Stupen, *O. Hulko, Ju. Zajats (Lviv Polytechnic National University)*
12^{15}-12^{30}	[GeoTerrace-2022-039] **Land readjustment modeling at the spatial planning** *M. Malashevskyi, A. Tarnopolskyi (The National Academy of Agrarian Sciences of Ukraine), Yu. Mosiychuk (Independent researcher), *O. Malashevska (National University of Life and Environmental Sciences of Ukraine), Ye. Tarnopolskyi (The National Academy of Agrarian Sciences of Ukraine)*
12^{30}-12^{45}	[GeoTerrace-2022-025] **Optimization of the land use system of the Karmeliuk's Podillia National Nature Park** **O. Mudrak, (Vinnytsia Academy of Continuing Education), L. Datsenko, M. Hanchuk, O. Mazykina (Dmytro Motornyi Tavriya State Agrotechnological University)*
12^{45}-13^{00}	[GeoTerrace-2022-053] **Using artificial intelligence in GIS for the needs of land management** **I. Sadovyy (State Biotechnological University), N. Stoiko (Lviv National Environmental University), L. Makieieva, A. Riasnianska, D. Makieiev (State Biotechnological University)*
13^{00}-14^{00}	**Lunch break**

Earth Surface Processes & Geodynamics *(Online Hall)* *Chair of Section: dr. A. Khoptar* *Section Secretary: dr. I. Savchyn*	
14^{00}-14^{15}	[GeoTerrace-2022-007] **Danube loess magnetostratigraphy: a perspective from Ukraine** **D. Hlavatskyi, V. Bakhmutov (Institute of Geophysics of the National Academy of Sciences of Ukraine), Yu. Veklych (Separate subdivision "Ukrainian Geological Prospecting Institute" of the State Enterprise "Ukrainian Geological Company"), V. Shpyra, Ie. Poliachenko (Institute of Geophysics of the National Academy of Sciences of Ukraine)*
14^{15}-14^{30}	[GeoTerrace-2022-008] **Erosion processes of mountain tourist trails in the Carpathian National Nature Park (Ukrainian Carpathians)** **V. Brusak, I. Hnatiak, V. Shtuhlynets (Ivan Franko National University of Lviv)*
14^{30}-14^{45}	[GeoTerrace-2022-024] **To the issue of monitoring of mudflows within Carpathian region using modern web GIS technology** *T. Chepurna, V. Salyha, *I. Chepurnyi (Ivano-Frankivsk National Technical University of Oil and Gas)*
14^{45}-15^{00}	[GeoTerrace-2022-031] **Evaluation of Earth's surface deformation in the area of Stebnyk potassium salt deposit** **S. Bagriy, E. Kuzmenko (Ivano-Frankivsk National Technical University of Oil and Gas), Z. Khevpa (State Institution "The Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine")*
15^{00}-15^{15}	[GeoTerrace-2022-045] **Achievements and challenges in studies of river systems and their catchment** **I. Kovalchuk (National University of Life and Environmental Sciences of Ukraine), I. Koval-chuk (Taras Shevchenko National University of Kyiv), M. Fedoniuk (Lutsk National Technical University), V. Martyniuk (Rivne State University of Humanities), B. Zhdanyuk (Lutsk National Technical University)*
15^{15}-15^{30}	[GeoTerrace-2022-061] **Calculation of corrections to the spherical approximation of the components of the Earth's anomalous gravity field** *A. Sohor, *A. Brydun, M. Fys, B. Dzhuman (Lviv Polytechnic National University)*
15^{30}-15^{45}	[GeoTerrace-2022-070] **Decision making support in the determining soil characteristics in landslide hazard areas** **Iu. Kaliukh (State Research Institute of Building Constructions), O. Chala, T. Khlevniuk, D. Khlevniuk (Institute of Hydromechanics of the National Academy of Sciences of Ukraine), V. Vapnichna (National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute")*
15^{45}-16^{00}	[GeoTerrace-2022-071] **Mathematical modelling of seismic activation of landslides in the Neogene clay of the Carpathian region** **Iu. Kaliukh (State Research Institute of Building Constructions), O. Voloshkina, I. Korduba, O. Zhukova, A. Honcharenko Kyiv National University of Construction and Architecture)*
16^{00}-16^{15}	**Coffee break**

Remote Sensing & GIS for Environmental Monitoring (Session 2) *(Online Hall)* *Chair of Section: dr. I. Zayats* *Section Secretary: dr. K. Marusazh*	
16^{15}-16^{30}	[GeoTerrace-2022-029] **GIS-based site suitability assessment for solar plants in Ivano-Frankivsk region** **L. Davybida, D. Kasiyanchuk (Ivano-Frankivsk National Technical University of Oil and Gas)*
16^{30}-16^{45}	[GeoTerrace-2022-017] **Some aspects of the creation of complex geospatial features in modern geoinformation systems** *N. Lazorenko, Yu. Karpinskyi, *D. Kin (Kyiv National University of Construction and Architecture)*
16^{45}-16^{00}	[GeoTerrace-2022-072] **Investigation of the dependencies between the angular external orientation elements of the UAV** *V. Hlotov, M. Fys, M. Yurkiv, *A. Hunina (Lviv Polytechnic National University)*
17^{00}-17^{15}	[GeoTerrace-2022-028] **Detailed historical reconstruction of the routes from Kyiv to Constantinople within Eastern Podillia using GIS methods** **I. Lytvynchuk, I. Savchyn, V. Lozynskyi (Lviv Polytechnic National University)*
17^{15}-17^{30}	[GeoTerrace-2022-079] **Research of the DEM of the Zvenyhorod hillfort for priority areas for the analysis of vertical displacements** **B. Chetverikov (Lviv Polytechnic National University)*
17^{30}-17^{45}	[GeoTerrace-2022-080] **Comparison of 3D models of mass graves created on the basis of aerial survey data in 1944 and 2015** **B. Chetverikov, L. Babiy, Z. Kuzyk, I. Zayats (Lviv Polytechnic National University)*
17^{45}-18^{00}	**Coffee break**

18^{00}-18^{15}	[GeoTerrace-2022-074] **Geoinformation technologies in the tasks of traffic organization** **O. Lisnyk, D. Tovstonog, L. Martyniuk, V. Zatserkovnyi (Taras Shevchenko National University of Kyiv)*
18^{15}-18^{30}	[GeoTerrace-2022-051] **Research of agricultural crops in Kamianets Podilsk region** **O. Stepanenko, P. Trofymenko (Taras Shevchenko National University of Kyiv)*
18^{30}-18^{45}	[GeoTerrace-2022-011] **Geoinformation modelling of recreational resources of National Nature Park "Hutsulshchyna"** **I. Zobniv, D. Liashenko (Taras Shevchenko National University of Kyiv), N. Koper (Ivan Franko National University of Lviv)*
18^{45}-19^{00}	[GeoTerrace-2022-013] **Methods of building a digital relief model using the application of geoinformation** **R. Stupen, Z. Ryzhok (Lviv National Environmental University), N. Stupen (Lviv Polytechnic National University), O. Stupen, H. Dudych (Lviv National Environmental University)*
19^{00}-19^{30}	**Summarizing the results of Conference** *(Online Hall)*