## Dear colleagues!

The department of Agrochemistry and Soil Sciences of Lviv National Environmental University invites You to participate in International Scientific Conference: "SOILS, SUSTAINABLE DEVELOPMENT AND UKRAINIAN SOIL SCIENCE", which will be held simultaneously online and face-to-face.

## April 25, 2023

## Inclusion program and regulations

The organizers are Hnativ Petro, Gulko Bohdan and Haskevych Oksana

| Time of obligatory inclusion of the speaker, hour and minute |        |                                      |       |                        |  |  |  |  |
|--|--------|--------------------------------------|-------|------------------------|--|--|--|--|
| Missouri,<br>Jefferson<br>City                               | London | Warzawa,<br>Bucharest,<br>Bratislava | Kyiv  | Speaker                | The topic of your speech is desirable for the organizers                           |  |  |  |
| I section (regulations 15 min)                               |        |                                      |       |                        |  |  |  |  |
| 1  | 2      | 3                                    | 4     | 5                      | 5  |  |  |  |
|  |        | 10:00                                | 11:00 | Snitynskyy V. – rector |  |  |  |  |
|  |        |                                      |       | LNEU, Hulko B.,        | Opening.   |  |  |  |
|  |        |                                      |       | Balkovskyy V., Hnativ  | P.   |  |  |  |
|  |        |                                      | 11:15 | Miroshnychenko Myko    | la To see soil in time and space   |  |  |  |
|  |        |                                      | 11:30 | Krasiekha Yerofei      | History of soil expeditions in Ukraine and Eurasia                                 |  |  |  |
|  |        |                                      | 11:45 | Shevchuk Mykhailo      | The state and prospects for the use of drained lands of the Shatsk community       |  |  |  |
|  |        | 10:45                                | 12:00 | Jonczak Jerzy          | In situ charcoal production in historic times as a factor of soil heterogeneity in |  |  |  |
|  |        |                                      |       |                        | fluvioglacial landscape  |  |  |  |
|  |        |                                      | 12:15 | Topolnyi Fedir         | Burozems of Podillia, which were described but not named by H.                     |  |  |  |
|  |        |                                      |       |                        | Andrushchenko  |  |  |  |
|  |        |                                      | 12:30 | l .                    | Coffee break   |  |  |  |
| II section (regulations 15 min)                              |        |                                      |       |                        |  |  |  |  |
|  |        |                                      | 12:40 | Pankiv Zinovii         | Diagnostic signs of soil-forming processes in profile-differentiated soils of      |  |  |  |
|  |        |                                      |       |                        | Peredcarpattia   |  |  |  |
|  |        |                                      |       | Truskavetskyi Roman    | Diagnostic and optimization models of the main elements of soil fertility          |  |  |  |
|  |        |                                      |       | Zaviriukha Petro       | Hryhoriy Andrushchenko – an organizer of soil science education and science        |  |  |  |
|  |        |                                      |       | Chernobay Juriy        | Geosystem paradigm in the Lviv soil science school                                 |  |  |  |
|  |        |                                      |       | Hamkalo Zenon          | Hryhoriy Andrushchenko's heritage is still relevant today                          |  |  |  |
|  |        |                                      | 13:55 | Coffee break           |  |  |  |  |

| 1                                | 2      | 3                                    | 4                          | 5                               | 5   |  |  |  |
|----------------------------------|--------|--------------------------------------|----------------------------|---------------------------------|---|--|--|--|
| III section (regulations 10 min) |        |                                      |                            |                                 |   |  |  |  |
|                                  |        |                                      |                            |                                 | Lviv school of genetic soil science: status and prospects                                     |  |  |  |
|                                  |        |                                      | 14:15                      | · · ·                           | Development of mountain soil science and soil-forming factors                                 |  |  |  |
|                                  |        |                                      | 14:25                      |                                 | The question of soil formation in the floodplains of the Carpathian lowlands in the           |  |  |  |
|                                  |        |                                      |                            |                                 | scientific works of H. O. Andrushchenko   |  |  |  |
|                                  |        |                                      |                            |                                 | Perennial soil stationary plots and their historical significance for science                 |  |  |  |
|                                  |        |                                      | 14:45                      | C                               | Soil standards in the soil protection system on the example of the Ukrainian Carpathians      |  |  |  |
|                                  |        |                                      | 14:55                      |                                 | Coffee break  |  |  |  |
| Missouri,<br>Jefferson<br>City   | London | Warzawa,<br>Bucharest,<br>Bratislava | Kyiv                       | IV section (regulations 15 min) |   |  |  |  |
| 07:15                            | 13:15  | 14:15                                | 15:15                      | Snitynskyy V. – rector          |   |  |  |  |
|                                  |        |                                      |                            | LNEU, Hulko B.,                 | Opening   |  |  |  |
|                                  |        |                                      |                            | Balkovskyy V., Hnativ I         | 2.  |  |  |  |
|                                  |        |                                      | 15:30                      | Dmytruk Yuriy                   | Welcome speech of the president of Ukrainian Society of Soil Scientists and                   |  |  |  |
|                                  |        |                                      |                            |                                 | Agrochemists  |  |  |  |
|                                  |        |                                      | 15:45                      | Hnativ Petro                    | Hryhoryy Andrushchenko – life path and Ukrainian soil science                                 |  |  |  |
|                                  |        | 15:00                                | 16:00                      | Chojnicki Józef                 | The role of the Agricultural Academy in Dublany for the development of soil science in Poland |  |  |  |
| 08:15                            |        | 15:15                                | 16:15                      | Kremer Robert J.                | Soil health and soil science in the USA   |  |  |  |
|                                  |        | 15:30                                | 16:30                      | Szulc Wiesław                   | Crops that increase soil fertility and health   |  |  |  |
|                                  |        | 15:45                                | 16:45                      | Rusu Teodor,                    | The perspective of the evolution of Romanian soils in the context of the EU Soil              |  |  |  |
|                                  |        |                                      |                            | Cacovean Horea                  | Strategy for 2030: healthy soils for people, food, nature and climate                         |  |  |  |
|                                  |        | 16:00                                | 17:00                      | Cherlinka Vasyl                 | Ecosystem functions of soils: global and in Slovak  |  |  |  |
|                                  | 15:15  |                                      | 17:15                      | Dent David                      | Popularization of modern soil science and Environmental Studies                               |  |  |  |
|                                  |        |                                      | 17:30                      | Cimermanis Mārtiņš              | Soil resources of Latvia and the agricultural sector  |  |  |  |
| 09:45                            | 15:45  | 16:45                                | 17:45                      |                                 | Coffee break  |  |  |  |
|                                  |        |                                      | Discussion of work results |                                 |   |  |  |  |

WARNING! Interested participants who have not submitted reports and materials will receive a key for inclusion as listeners.

Acceptance of materials for inclusion in the electronic collection will be completed by April 20.

Speakers can adjust the topics of their speech.