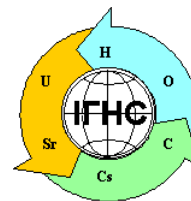


ROMANIA



UKRAINE



**NATO Science for Peace
984440 PROJECT**

Romania – Ukraine

ORGANIZES

**FIFTH INTERNATIONAL CONFERENCE
«Chemical Safety and Radiation Safety: Problems and
Solutions»**

and

The Scientific Meeting of the Project

**“A model to predict and prevent possible disastrous
effects of toxic pollution in the Tisza River watershed”**

Held in the Institute of environmental Geochemistry of National Academy of
Sciences of Ukraine, **Kyiv**, Ukraine

**May 24 – 26, 2017
Kyiv**

PROGRAM

Organizing Committee

Co-Director of the organizing committee:

Georgiy Lysychenko, corresponding member of NASU, Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine, Project Director in Ukraine

Modest Gertsyuk, Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine, Project co-director in Ukraine

Mihail Simion Beldean-Galea, Babeş-Bolyai University, Cluj-Napoca, Project Director in Romania

Vice-chairman of the organizing committee

Natalia Borodina, Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine

Scientific secretary of the organizing committee:

Tetyana Melnichenko, Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine

The 24th of May 2017, Wednesday

Registration, conference opening and plenary session will be held in the Large conference hall of the National Academy of Sciences of Ukraine, Kyiv, vul. Vladimirska, 55

09.00 – 10.00 Registration

10.00 – 11.00 Opening of the conference

11.00 – 11.30 Coffee break

11.30 – 13.30 Plenary meetings

11.30 **Lysychenko G.** On some issues Radioactive Waste Management in Ukraine

12.10 **Vitko V., Kartashev V., Kovalenko G., Khabarova A.** Nuclear and radiation safety of Ukrainian NPP

12.50 **Barbashev S.** Ensuring environmental safety of nuclear energy as a way to achieving the main goal of sustainable development in the field of ecology

13.30 – 14.30 Dinner

14.30 – 16.20 Plenary meetings

14.30 **Hartmut Frank** Chemical Safety, and Beyond. A Matter of Training in Science, and Ethics

- 15.10 **Zaitsev V.** Organisation for the Prohibition of Chemical Weapons after 20 years and new challenges
- 15.45 **Kosovets O., Giri V., Kolisnyk I.** Pollution status on Ukraine territory in 2016, review according to State Hydrometeorology service observations

16.20 – 16.35 Coffee break

16.35 – 17.35 Plenary meetings

18.00 Evening meeting

The 25th of May 2016, Thursday

Plenary sessions of the sections "Chemical Safety" and "Radiation Safety" and The Scientific Meeting project NATO will be held at the Institute of environmental Geochemistry of NAS of Ukraine, Kyiv, Palladina prosp., 34-a

10.00 – 11.40 Plenary meetings of the section "Chemical Safety"

- 10.00 **Zaborowski V., Gubina V., Slyvynsky V.** Material composition enrichment wastes ferruginous quartzite Kryvbas
- 10.20 **Kukueva V., Lysychenko G.** Theoretical approach to the problem of ozone depletion
- 10.40 **Demchenko V., Zaiets E. Klisenko M., Baranov Yu., Olshevski S.** Peculiarities of secondary environmental contamination with persistent organochlorine pesticides from a number POPs in Ukraine
- 11.00 **Sokolova N.** Environmental pollution hazardous waste containing mercury and its compounds
- 11.20 **Bondar Y.** Novel composite adsorbent based on polymer fibers coated with manganese dioxide layer for removal of heavy metals and radionuclides

10.00 – 11.40 Plenary meetings of the section " Radiation Safety"

- 10.00 **Pushkarev A., Rudenko I.** Evaluation of the efficiency of thermomodification of the clinoptilolite adsorption properties using a tritium indicator
- 10.25 **Fedorenko J., Rozko A.** Sorption of radionuclides with Cs and Sr polymeric composites
- 10.50 **Lysychenko G., Zlobenko B., Bugera S.** Amnesty pilot project to prevent the risk of 'dirty bombs' usage
- 11.15 **Yarmosh I., Tokarevskiy O.** Evaluation of environmental and radiation safety surface repository for radioactive waste with application software Normalysa

11.40 – 12.00 Coffee break

12.00 – 16.15 *The Scientific Meeting project "A model to predict and prevent possible disastrous effects of toxic pollution in the Tisza River watershed"*

12.00 – 13.30 Plenary meetings

- 12.00 **Mihail Simion Beldean-Galea, Maria-Virginia Coman, Radu Mihăiescu, Viorel Arghiuș, Adina Croitoru, Csaba Horvath, Florina Copaciu, Irina Ciotlăuș** The achievements of NATO SfP 984440 Project

12.30 **Maria-Virginia Coman, Mihail Simion Beldean-Galea, Florina Copaciu, Irina Ciotlăuş, Miuța Filip, Mihaela Vlăsa** Possible candidates as river basin specific pollutants in the Romanian Tisza River Watershed

13.00 **Radu Mihăiescu, Mihail Simion Beldean-Galea** General guidelines for a common prevention plan to minimize the negative consequences of water pollution and to improve the community resilience to disasters and emergencies - an overview

13.30 – 14.30 Dinner

14.30 – 16.15 Plenary meetings

14.30 **Gertsyuk Mod., Lisichenko G., Melnychenko T., Gertsyuk Myk., Tovmachenko A., Dmitriyeva T., Pilipenko V., Kulibaba T.** Studies of pollutants in the river Tisza in Ukraine

15.00 **Gertsyuk Mod., Kulibaba T., Melnychenko T., Gertsyuk Myk., Dmitriyeva T., Tovmachenko A., Kuzenko S.** Monitoring the content of heavy metals in Tisza river of Zakarpatty

15.25 **Gertsyuk Mod., Pilipenko V., Melnychenko T., Gertsyuk Myk., Dmitriyeva T., Tovmachenko A.** Monitoring the content of polycyclic aromatic hydrocarbons in the river Tisza

15.50 **Gertsyuk M., Horvath C.** RESit: program for predicting of spread rivers pollution

16.15 – 16.30 Coffee break

16.30 – 18.00 Posters and treynih

The 26th of May 2017, Friday

Plenary session and Board on Radioactive Waste Management will be held in the National Museum “Chernobyl”, Kyiv, Khoryv Lane, 1

10.00 – 12.00 Plenary meetings

12.00 – 12.20 Coffee break

12.20 – 14.20 General discussion

14.20 Departure of the participants of the conference