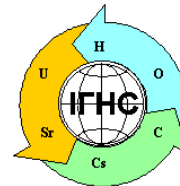


ROMANIA



UKRAINE



**NATO Science for Peace
984440 PROJECT
Romania – Ukraine**

ORGANIZES

**Second 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 Electron Physics of the National Academy of
Sciences of Ukraine, Uzhgorod, Ukraine

**May 27 – 30, 2014
Uzhgorod**

Organizing Committee

PPD Project Director	Prof., corresponding member of NASU Georgiy Lysychenko Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine, Kyiv
PPD Project Co-Director	Dr. Modest Gertsyuk Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine, Kyiv
Conference Co-Director	Prof. academician of NASU, Otto Shpenik Institute of Electron Physics of the National Academy of Sciences of Ukraine, Uzhgorod
Scientific secretaries of the organizing committee	Dr. Yuriy Olkhovyk Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine. Kyiv Dr. Oleg Parlag Institute of Electron Physics of the National Academy of Sciences of Ukraine, Uzhgorod

PROGRAM

The 27th of May 2014, Tuesday

13.00 – 15.00 Registration

15.00 – 15.40 Opening of the conference

15.40 -16.00 Coffee break

16.00 – 18.00 Plenary meetings on Grant NATO SfP 984440 Project

16.00 **Gertsyuk M.M.** Overview on NATO SfP 984440 Project. Goals and investigations

16.30 **Rishko S.V.** Monitoring of surface water quality in the Upper Tisza basin complex to control discharges (point sources pollution)

17.00 **Kosovets O.O.** Dynamics of the Tisza River basin in the early twenty-first century (2002-2013 years) in terms of hydrochemical and hydrobiological parameters

17.30 **Manivchuk V.M.** Work of Transcarpathian Hydrometeorology Center in the system of natural emergencies control

18.00 – 19.00 Supper

The 28th of May 2014, Wednesday

08.00 – 09.30 Breakfast

10.00 – 14.00 Plenary meetings on Grant NATO SfP 984440 Project

10.00 **Beldean-Galea M.S.** Inventory methodology of river basin specific pollutants in Tisza River watershed

10.20 **Nour E.** Critical infrastructure protection in Romania. Evolution of the concept, vulnerabilities, hazards and threats

10.40 **Arghius V.I., Mihăiescu R.** Non-structural measures for NATECH risk management at the tailing dams/ponds

11.00 – 11.20 Coffee break

- 11.20 **Yakovliev Ye.O.** Risks of salt pollution of transboundary Tisza River flow in the Transcarpathian region
- 11.40 **Lysychenko G.V., Kovach V.O.** Potential threats of chemical contamination of Tisza River by obsolete pesticides storages in Transcarpathian region
- 12.00 **Masliuk V.T., Svatiuk N.I., Parlah O.O., Symkanych O.I.** Radiological studies of silt from rivers of Tisza River Basin: the role of spatial and temporal factors
- 12.20 **Kashevych Ye.S.** Possibility of radiocarbon method for control of degree of anthropogenic load of water objects
- 12.40 **Gertsyuk M., Tereshchenko S., Tovmachenko A.** Criteria and methods for determining water quality in Ukraine. Chemical aspects.
- 13.00 **Coman M.V., Beldean-Galea M.S.,** Standard methods for monitoring priority substances in Romania
- 13.20 **Studeniak Ya.I.** Competitive process in the evaluation of potentiometric sensors and analytical systems

14.00 – 15.00 Dinner

- 15.00 **Shvaiko V.** Spatial database as a basis for gathering information for ecological risks assessment
- 15.20 **Maloş C.V., Mihăiescu R., Arghiuş V.I.,** Possible models for NATO SfP 984440 Project and the required necessary data
- 15.40 **Zholudenko O.O.** Development of the main approaches for creation of information system of monitoring, forecasting, information exchange and coordination in emergencies for the Tisza River watershed

16.00 – 16.20 Coffee break

- 16.20 **Malkov M.** Regional Strategy of EU and FAO on pesticides life cycle management, as part of chemical safety in the countries of the former USSR
- 16.40 **Company presentation.** Equipment for chemical and analytical research of Thermo Scientific Company
- 17.00 **Samochernych S.V.** Equipment for radiological researches of Canberra Packard Company
- 17.20 – 18.20 **Poster presentations. Discussion on NATO Project**

19.00 Evening meeting

The 29th of May 2014, Thursday

08.00 – 09.30 Breakfast

10.00 – 13.20 Plenary meetings

- 10.00 **Bagai V.V.** Activities of the National Commission on Radiation Protection of Ukraine
- 10.20 **Yakovliev Ye. O., Dolin V.V.** Tritium contamination problems of Kiev radioactive waste landfill "Radon"
- 10.40 **Kovalenko G.D.** Radioactive effects of natural and man-made sources on the environment and the population of Ukraine

11.00 -11.20 Coffee break

- 11.20 **Sukharev S.M.** Environmental radiation monitoring of conservation areas in Transcarpathian region
- 11.40 **Potoki I.S., Parlah O.O., Masliuk V.T., Lendel O.I.** Geostatistical analysis of ¹³⁷Cs concentration in soils of city Uzhgorod
- 12.00 **Symkanych O.I., Sukharev S.M., Masliuk V.T., Parlah O.O.** Geomorphological peculiarities of natural radioactivity of conservation areas of Transcarpathia
- 12.20 **Dudar T.V.** Uranium deposit passport
- 12.40 **Verkhovtsev G., Studzinska A.** Development and implementation of comprehensive radiation monitoring of Bilanivskii iron ore and Kremenchugskii uranium deposits
- 13.00 **Buhera S.P.** Applicability of materials to high level waste canister in future GDF in Ukraine
- 13.30 – 14.30 Lunch**
- 14.40 – 18.00 Excursion**
- 18.30 Supper on Open Air**

The 30th of May 2014, Friday

08.00 – 09.30 Breakfast

10.00 – Departure of the participants of the conference