





Yurii Mandro

attended in a training course:

"FIELDCOURSE ON CHERNOBYL FALLOUT IN THE ENVIRONMENT"

5-8th September 2016

at

Ukrainian Institute of Agricultural Radiology (UIAR), National University of Life and Environmental Sciences of Ukraine (NUBiP of Ukraine)

in cooperation with

Centre for Environmental Radioactivity (CERAD), Norwegian University of Life Sciences (NMBU)

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radioecology, COMET
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Course content

| Lectures | Field and laboratory exercises |
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| The Chernobyl accident | Water sampling |
| Contamination of the 30 km ChEZ | Water fractionation |
| Radionuclides speciation, mobility and bioavailability and influence on its environmental behavior | Fish sampling and dissecting Biota sampling |
| Biological uptake, accumulation, dose estimates and biological responses | Soil sampling and sample preparation |
| Relevance of hot particles, speciation and characterization of particles | Particle hunting in soil and sediments |
| The use of sequential extractions to estimate mobility | Sequential extractions |
| Ecosystem transfer to wildlife | Radiochemistry/separation |
| Sampling of soils, plants/biota and animal products | Measurements of radionuclides |
| Impact and risk estimates – overall uncertainties | |
| The migration of radionuclides in the unsaturated zone and with groundwater | |

Course leaders:

Valeriy Kashparov

Brit Salbu

Lindis Skipperud

Sviatoslav Levchuk

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