

LECTURER'S VITAE

IAEA-ARGONNE TRAINING COURSE

Name: Iolanda OSVATH

Present Position: Research Scientist

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Scope of Present Duties:

Measurement and assessment of natural and anthropogenic radionuclides in the marine environment. Low-level underground gamma spectrometry. Underwater gamma-ray spectrometry. Modelling of radionuclide dispersion and transfer in the marine environment. Environmental and radiological assessment. Coordination of ALMERA (Analytical Laboratories for the Measurement of Environmental RAdioactivity) network. Capacity building. Project management and advisory functions.

Most Relevant Past Experience:

Participation in major international radiological assessment programmes in the Arctic (Kara Sea) and in the Pacific (Mururoa and Fangataufa) with field missions, analytical and modelling work. Underwater gamma spectrometry in the Mediterranean, Kara Sea, Irish Sea (Sellafield seabed sediment mapping) and the Pacific atolls of Mururoa and Fangataufa. Scientific and technical coordination of large-scale regional and inter-regional capacity building projects. Development of regional marine radioactivity monitoring programmes, organisation of international research and training cruises. Development and organisation of training courses. Participation in analytical and assessment work related to nuclear accidents (Chernobyl and Fukushima).

Educational Background:

BSc Nuclear Physics, MSc Earth Physics, PhD Nuclear Physics
Bucharest University

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