

Dr Elena Buglova



Dr Buglova has over 30 years of professional experience in the area of nuclear safety, nuclear security and emergency preparedness and response.

She holds both a PhD and Dr of Science degree in medical sciences. She has published over 150 scientific papers and several books.

Dr Buglova gained her professional experience first at the national level in Belarus. Before joining the IAEA in 2002, Dr Buglova was working as the Head of the Laboratory of Radiation Safety and Risk Analysis at the Institute of Radiation Medicine of Belarus. She was also the Scientific Secretary of the National Commission of Radiation Protection of Belarus.

While working in Belarus she was directly involved in activities aimed at minimizing consequences of the Chernobyl NPP accident to the population of Belarus (e.g. field missions to the contaminated areas performing measurements of radioactivity in air, soil and foodstuff and dose reconstruction for the individuals; communication campaigns aimed at explaining protective actions and their background to the population; development and justification of criteria for protective actions in Belarus and in assessment of risk coefficients for radiation induced health effects among the Belarusian population after the Chernobyl accident). She was also directly dealing with the control of radioactive sources, including registry of radioactive sources, and was one of the 6 co-developers of the national regulatory norms, which addressed matters of nuclear security and represented a regulatory document at the state level.

Dr Buglova participated in numerous international projects which were aimed at learning from Belarusian experience after the Chernobyl accident.

Since 2002 she is working at the IAEA at different positions with progressively increasing responsibilities, dealing with various aspects of nuclear safety, nuclear security and emergency preparedness and response.

Dr Buglova has been the Head of the Incident and Emergency Centre during the Full Response Mode operations within the IAEA's response to the Fukushima Daiichi accident in 2011, leading the response operations on a 24/7 basis for 54 days. Throughout the years with the IAEA, she was personally dealing with, or managing at the executive level, response to various nuclear safety and nuclear security related events.

In recognition of her achievements in the IAEA, she received 2 Superior Achievements Awards, 3 Team Awards and 1 Individual Merit Award of the IAEA. She has also received international professional recognition awards of US Health Physics Society and Women in Nuclear organization.

As of 1 January 2021, Dr Elena Buglova is working as the Director of the Division of Nuclear Security of the International Atomic Energy Agency.