WEBINAR
on
Non-radiological consequences of a nuclear or radiological emergency: concept and case studies
23 June 2021, 12:00 - 14:00 UTC
(*14:00 - 16:00 CEST*)

Organized by:
The IAEA's Incident and Emergency Centre

Background	The GSR Part 7 states that "The government shall ensure that arrangements are in place for mitigation of non-radiological consequences of a nuclear or radiological emergency and of an emergency response." Non-radiological consequences are adverse psychological, societal, or economic consequences of a nuclear or radiological emergency or of an emergency response affecting human life, health, property, or the environment. Past nuclear and radiological emergencies have demonstrated that these emergencies affect society not just through radiological consequences – but also in some of them the non-radiological consequences dominated the biological effects of radiation. Consequently, one of the emergency response goals is to mitigate, to the extent practicable, non-radiological consequences of emergency and response actions. Both radiological and non-radiological consequences shall be considered in deciding on protective actions, termination of an emergency and in the justification and optimization of further protection strategies as necessary. The aim of this webinar is to outline the importance of considering non-radiological consequences as part of the emergency preparedness and response (EPR) arrangements in line with the IAEA safety standards to effectively achieve response goals.

Objectives	The objectives of the webinar are to: • Outline the importance of considering non-radiological consequences as part of the EPR arrangements in line with the IAEA safety standards • Describe the range of adverse psychological, societal, and economic consequences of the nuclear or radiological emergency or the emergency response, irrespective of the initiator • Discuss mitigation of non-radiological consequences and areas that need to be addressed before, during and after an emergency • Discuss lessons learned from past emergencies • Provide a case study on the non-radiological consequences of the Chornobyl accident in Belarus
Target audience	The webinar is open to staff from relevant authorities with responsibilities in preparing for and responding to a nuclear or radiological emergency such as response organizations at various levels (local, regional, national) including regulators, operators, technical support organizations and first responders, relevant staff from international organizations, and specialists from relevant research organizations, professional associations, societies and non-governmental organizations are welcome to participate in the webinar.
Working language	The Webinar will be held in **English**.
Registration	Please register for the webinar using this link Register. After the registration and acceptance of your participation, you will receive an electronic mail containing information on how to access the webinar by simply following a hyperlink to join the WebEx meeting or by calling using a cellular device. You can test your ability to connect to a WebEx meeting at the following link: https://www.webex.com/test-meeting.html#. Please contact your IT department if the test fails. For additional help regarding registration, please contact m.assi@iaea.org

Webinar programme	1. **Opening Remarks** *Mr Ramon De La Vega, Emergency Preparedness Coordinator, IAEA-IEC* 2. **Non-radiological consequences of a nuclear or radiological emergency: concept and case studies** *Ms Muzna Assi, IAEA-IEC* 3. **The non-radiological consequences of the 1986 Chernobyl Nuclear Power Plant accident in Belarus** *Ms Alena Nikalayenka, Belarus* 4. **Q&A Session** *All participants*