

NERIS Workshop 2017

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Lisbon, Portugal

Abstract Template

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☐	SETTING-UP A HOLISTIC FRAMEWORK FOR PREPAREDNESS FOR EMERGENCY RESPONSE & RECOVERY
☒	STAKEHOLDER INVOLVEMENT AND ENGAGEMENT IN EMERGENCY AND RECOVERY
☐	UNCERTAINTY HANDLING ISSUES FOR EMERGENCY AND RECOVERY

Title

The NERIS Strategic Research Agenda: status and perspectives.

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Text

An integral part of the mission of NERIS is to identify gaps and needs for further research and developments and addressing new and emerging challenges in the field of preparedness for nuclear or radiological emergency response and recovery. The Strategic Research Agenda (SRA) of NERIS, coordinated by the NERIS R&D Committee, identifies these research needs.

The first NERIS SRA was based on the outcome of a brainstorming workshop between 37 experts from 14 European countries, taking as basis the findings and conclusions obtained in the EURANOS, FP7 NERIS-TP and DETECT projects and the first lessons identified from the Fukushima accident. A further refining, based on consultation with different stakeholders and the conclusions from the ICRP workshop organized in Bratislava in February 2012, was made to conclude in the final form of the text, as it was published on the NERIS website in March 2012. The second and current version of the NERIS SRA was launched in April 2014. It is largely based on the first version, maintaining the same grouping of the individual research topics into three areas: 1) new challenges in atmospheric & aquatic modelling – needs for improvement; 2) new challenges for better dose assessments and decision support based on improved knowledge: source term, scenarios, etc. ; 3) new challenges in stakeholder involvement and local preparedness and communication strategies. The tabular structure was simplified to focus on the research goals, adding links to the SRAs of other platforms (ALLIANCE, MELODIE, EURADOS) as well as to finished and running projects (NERIS-TP, PREPARE, ...). High priority and priority topics were identified. Also some new research topics were introduced and some topics modified.

Recently, in the framework of the CONCERT project, the SRA, complemented with different consultations, was the basis for the NERIS statements drafted in August 2015 and July 2016 as input for the CONCERT calls.

The NERIS SRA is a living document open for evolution to cope with the main issues at stake for defining the key research challenges in nuclear and radiological emergency response and recovery. In this context, the update of the NERIS SRA was discussed during the last NERIS R&D Committee meeting organized at the beginning of the Radiation Protection week in Oxford in September 2016. The need for an update is mainly driven by challenges such as updating the structure of the SRA taking into account the evolution of priority identification, with an improved and common understanding of the research problems with input and distinction from operational challenges, the need for the development of a NERIS and common Radiation Protection Research roadmap within CONCERT context, as well as further considerations on Social Science and Humanities identified in a specific SRA.

A new possible structure was proposed with 3 or 4 areas identified, which are also used as sessions within this workshop. The status and perspectives related to this update will be discussed.