

UPCOMING EVENTS

19 January 2015

Seventh NERIS General Assembly, Bratislava, Slovak Republic

20-22 January 2016

PREPARE Dissemination Workshop, Bratislava, Slovak Republic

19-23 September 2016

Radiation Protection Week, Oxford, United Kingdom



EUROPEAN PLATFORM
ON PREPAREDNESS
FOR NUCLEAR AND RADIOLOGICAL
EMERGENCY RESPONSE AND RECOVERY

■ EDITORIAL

Issue 10 – November 2015

In January 2016, the results of the research project PREPARE, funded by European Commission under the 7th Framework Programme, will be presented in Bratislava. This project has largely driven the research activities during the last three years in the NERIS Platform. Besides the new developments on atmospheric and aquatic modelling, a series of researches has been conducted to improve the decision-making processes with the development of dedicated tools, processes as well as communication and dialogue strategies to interact with authorities, experts, consumers, producers, and members of the public. These research topics were identified few months after the Fukushima accident.

Taking into account these results and in the framework of the CONCERT project, a list of priorities for further developments within the NERIS strategic research agenda has been identified during this summer. It is worth to mention among these priorities the key role of decision making processes focussing on uncertainty handling in emergency response and recovery, robust decision making, countermeasure preparedness strategy and monitoring strategies. To address these priorities, one of the main challenges will be to develop a highly multidisciplinary approach, including societal and ethical aspects.

In this context, NERIS will have to promote the results already achieved providing opportunities to present the results during workshops and meetings, organising their access on the website and favouring the preparation of publications. Those results will notably be useful for radiation protection authorities in the current process of the national implementation of the Euratom Basic Safety Standards. Finally, NERIS will also have a role to ensure the continuation of the research activities and exchanges to respond to the needs already identified by the different organisations and stakeholders involved in emergency and recovery preparedness and response.

Thierry Schneider, President of the NERIS Platform



Newsletter

Issue 10
November 2015 >>

www.eu-neris.net / secretariat: sec@eu-neris.net

FEEDBACK FROM RECENT EVENTS...



NERIS Workshop 2015, 27- 29 April 2015, Milano, Italy

The NERIS Workshop 2015 was organised on 27-29 April 2015 in cooperation with the University of Milano. The Workshop was an opportunity to discuss and exchange with NERIS Members, International organisations and European Research communities on priorities for the NERIS Platform. The Workshop gathered 68 participants and 37 papers dedicated to the 3 research areas of the NERIS Strategic Research Agenda and the implementation of BSS on emergency and recovery issues were presented.

All the presentations are available on the NERIS Website (www.eu-neris.net).

Johan Camps – President of the R&D Committee and Thierry Schneider – President of the NERIS Platform

Sixth NERIS General Assembly, 29 April 2015, Milano, Italy

The Sixth NERIS General Assembly was organised at the occasion of the NERIS Workshop 2015 in Milano on April 29 afternoon. 40 members of the NERIS Platform and international organisation representatives attended the General Assembly, which allowed sharing and discussing the annual report, the financial situations and the review of the Platform activities. Information on the development of the PREPARE Project and information on the CONCERT Project were given respectively by Wolfgang Raskob and Thierry Schneider. This General Assembly was also an opportunity to discuss on the proposal of NERIS Workshop 2016 in the framework of the Radiation Protection Week organised in Oxford on September 19-23, 2016 (see announcement). Finally, international cooperation was addressed with a presentation of the EP&R / NTW activities and a presentation on WHO activities related to emergency and recovery issues.

Sandra Lafage – NERIS Secretary

Kick-Off meeting of the CONCERT Project, 17-18 June 2015

NERIS is involved in the CONCERT Project started in June for 5 years. Further information and the presentations of the kick-off meeting of the CONCERT Project is available on the following link: <http://www.melodi-online.eu/CONCERT.html>.

FEEDBACK FROM RECENT EVENTS...



RICOMET Workshop, 15-17 June 2015, Brdo Castle, Slovenia

113 participants from 17 countries attended the first International Conference on Risk Perception, Communication and Ethics of Exposures to Ionising Radiation (RICOMET 2015) was held from 15th to 17th of June 2015 in Brdo Castle, Slovenia. The conference was organised as part of 6.3 task in the PREPARE project and conjunction with similar tasks in the OPERRA and EAGLE projects. The conference was an opportunity for extensive exchange of results from the scientific research and FP7 projects and discussions on public communication, risk perception and ethics in the field of all nuclear applications (e.g. industry, medicine, security), natural radioactivity (e.g. radon) and radiological protection (in nuclear and radiological emergency management, low doses, communicating uncertainty, mass media communication, public understanding of ionizing radiation, EU research needs ...).

The conference content could be checked through presentations available on <http://ricomet2015.sckcen.be/en/Presentations> as well as read interesting topics in Book of Abstract http://eagle.sckcen.be/en/Project-News/20150824_ricomet_BoA.

In line with the Responsible Research and Innovation (RRI) Agenda, the International Conference on "Risk perception, communication and ethics of exposure to ionizing radiation" (RICOMET, June 2015) affirmed that the Social Sciences and Humanities deserve a more prominent place in Horizon 2020 Euratom projects than is presently the case. This is because the Social Sciences and Humanities can facilitate RRI in a timely and supportive manner.

The EAGLE and PREPARE findings related to public information and communication about ionizing radiation have been integrated in Training course Analytical Platform – scientific methods and tools for information collection and exchange 7-9 October 2015, Trnava, Slovak Republic organised by the PREPARE project.

Tatiana Duranova, Tanja Perko – Vuje

Training Course on "Analytical Platform - Scientific methods and tools for information collection and exchange, 7-9 October 2015, Trnava, Slovak Republic

The Training course on "Analytical Platform – scientific methods and tools for information collection and exchange" was organised by KIT (Germany), NCSR D (Greece), CIEMAT (Spain), VUJE (Slovak Republic), SCK-CEN (Belgium) and Mutadis (France) in cooperation with the European platform NERIS on emergency and post-accident preparedness and response, in the framework of the EC FP7 "PREPARE" Project. The course took place from 7th to 9th October, 2015 in Trnava, Slovak Republic and was hosted by VUJE AS and Science and Technical Society (VTS) at VUJE.

The training course was developed providing the necessary information on the Analytical Platform, the scientific methods and tools developed for collecting information, analysing any nuclear or radiological event and providing information about the consequences and its future development. A particular attention was given to the conditions and means for pertinent, reliable and trustworthy information to be made available to the public in due time and according to its needs in the course of nuclear emergency and post-emergency context.

FEEDBACK FROM RECENT EVENTS...



Training Course on “Analytical Platform - Scientific methods and tools for information collection and exchange, 7-9 October 2015, Trnava, Slovak Republic (...)

The main objective was to train participants to use the new tools for the purpose of further active participation in exercises and to use the Analytical Platform as a focal point for collecting information, analysing any nuclear or radiological event and providing information about the consequences and its future evolution.

The technical means of the Analytical Platform and the operational procedures have been presented and used by participants as the end-users on a technical basis. For this purpose the exercise based on the INEX 5 scenario has been prepared and performed in the form of the table-top exercise accompanied with facilitated discussion. The first part was focusing on information gathering and distributing. The second part of the exercise was devoted to a nuclear event accompanied with the natural disaster – an earthquake.

The course covered also the use of respectively traditional media and social media in the context of the Fukushima accident and trustworthiness of information and their reliability. The round table discussions on use and further development, leadership, management and maintenance were valuable and provide the feedback to the team of developers. All together 22 participants including trainees and trainers from Belgium, Czech Republic, Finland, France, Germany, Greece Hong Kong, Israel, Japan, Portugal, Slovak Republic, Switzerland, formed a solid team of experienced representatives of research institutions, regulatory authorities and technical support organisations with high interest in further development of the Analytical Platform, its dissemination and implementation.

Tatiana Duranova, Tanja Perko – Vuje

Final PREPARE WP3 Workshop, 12-13 November 2015, Paris, France

In the framework of the Workpackage 3 (WP3) of the PREPARE Project dedicated to the management of contaminated goods, a final Workshop was organised on 12-13 November 2015 at OECD Headquarters in Paris. This Workshop, attended by 90 persons, was an opportunity to discuss and share the PREPARE WP3 results (lessons and conclusions of the Panels meetings organised in 11 countries), in the presence of national stakeholders (consumers, producers, retailers, food authorities, experts, ...), international organisations (European Commission, FAO, OECD-NEA, IAEA, HERCA, ICRP, ...) and Japanese colleagues involved in the management of contaminated products after the Fukushima accident (CRIEPI, University of Fukushima, producers and consumers NGO's...).

Sessions were organised around the main points tackled by the different national stakeholders such as: the preparedness modalities, the management of consumer goods production with the justification of maximum permissible levels and the implementation of optimization of radiological protection principle, the dissemination of information to different publics and the stakeholder participation processes, the role of the market and organization of the trade, the ethical considerations and the development of solidarity.

Presentations and posters will be available on the NERIS Website (www.eu-neris.net) in December 2015.

Sylvie Charron – IRSN and Sandra Lafage – CEPN

NEWS



Second OPERRA Call

Within the OPERRA project funded by the European Commission (Open Project for European Radiation Research Area), a call for research projects was organised in Spring 2015 with topics of interest for emergency and recovery issues. Four projects have been selected and will start in December 2015. Among them, three are directly related to emergency and recovery preparedness:

CATHYMARA – Child and Adult Thyroid Monitoring After Reactor Accident (leader: IRSN - France):

The aim of this project is mainly to evaluate the existing response capabilities, to harmonize measurement practices, to set-up the basis for a sustainable network of responders, to study the evaluation of the total committed effective dose, to develop the optimal monitoring strategy and supporting technical guidelines.

HARMONE – Harmonising Modelling Strategies of European Decision Support Systems for Nuclear Emergencies (Leader: HMGU – Germany):

The aim of this project is mainly to develop a knowledge data base and guidance related to the first management strategy to reduce doses, to refine simulation models for all exposure pathways including a methodology for the regionalization of the model, to develop guidelines for dose monitoring and to facilitate the refinement of the simulations.

SHAMISEN – Nuclear Emergency Situations-Improvement of Medical And Health Surveillance (Leader: CREAL, Spain):

The aim of this project is mainly to build upon the experience and feedback from Chernobyl, Fukushima and other emergency situations to develop recommendations for health surveillance and medical follow-up of affected populations, addressing dose assessment, clinical decision-making, long term follow-up, improvement of living conditions, and improvement of radiation-induced risk.

Thierry Schneider - President of the NERIS Platform



Consultation of the NERIS Strategic Research Agenda

In the context of future EU research calls, NERIS has identified current research priorities which can serve as input for defining call topics. The NERIS Statement of August 2015 is available on the [NERIS Website](http://www.eu-neris.net) (www.eu-neris.net).

ANNOUNCEMENTS



Seventh NERIS General Assembly, January 19, 2016, Bratislava

The Seventh NERIS General Assembly will be organised at the occasion of the PREPARE Dissemination Workshop in Bratislava on January 19, 2016 from 14.00 to 18.00.

For further information, please contact [Sandra Lafage, NERIS Secretary](#) and visit the NERIS Website (www.eu-neris.net).

PREPARE Dissemination Workshop, January 20-22, 2016, Bratislava

The PREPARE Dissemination Workshop "Innovative integrative tools and platforms", organised jointly with the VUJE AS and Science and Technical Society (VST) at VUJE, will allow to present the results of the PREPARE project and to collect feedback from the participants on the topics of potential future research activities.



Targeted audience: researchers, organisations and actors in emergency and recovery preparedness and management from all levels and sectors.

Venue and accommodation

The workshop will be held at Park Inn Danube Hotel, Rybné nám 1 – 811 02, Bratislava, Slovak Republic (<http://www.parkinn.com/hotel-bratislava>).

The accommodation will be provided at the Park Inn Danube Hotel.

Registration and fee:

The workshop participation is free of charge. Participants are expected to cover their own travel and subsistence costs.

While there is no registration fee, workshop participation is limited to a maximum of 120 participants and pre-registration is required. For pre-registration, please use the Application form below. The final registration will be done via NERIS Platform web page (will come with the Second Announcement).

For programme, registration and further information, please visit the NERIS Website or contact the hosted Coordinator (Tatiana Duranova – Tatiana.duranova@vuje.sk) or the NERIS Secretary (Sandra Lafage – sec@eu-neris.net).

IMPORTANT DATES

- Registration: December 18, 2015
- Submission of presentation/ Full paper: January 12, 2016
- Workshop: January 20-22, 2016

ANNOUNCEMENTS



University of Oxford Colleges, UK

Radiation Protection Week, September 19-23, 2016, Oxford

RPW

Radiation Protection Week

Oxford 2016
19 - 23 September



NERIS

EURADOS



For the first time, RPW2016 will bring together complementary strands of radiation protection research, with the established European platforms MELODI, EURADOS, NERIS and ALLIANCE as co-organisers, along with other relevant areas. Building on and extending the highly successful MELODI workshops (<http://www.melodi-online.eu/index.html>) and in the light of greater integration of European research on Radiation Protection demonstrated by the CONCERT European Joint Programme (<http://www.melodi-online.eu/CONCERT.html>), you are invited to participate in this first Radiation Protection Week. RPW2016 will be held in Oxford, UK; the meeting will be held in the Mathematical Institute located in the recently re-developed Radcliffe Observatory Quarter of Oxford University; accommodation will be available in nearby St Anne's College.



Join us to discuss the latest in Radiation Protection Research, bringing together:

- low dose and dose-rate radiation risk research
- radiation dosimetry
- radiation emergency preparedness and response
- radioecology

Further information and registration website available soon



OXFORD INSTITUTE FOR RADIATION ONCOLOGY



Public Health
England

OXFORD
BROOKES
UNIVERSITY