

CERAD CONFERENCE 8TH – 9TH FEBRUARY 2015

The Norwegian Academy of Sciences and Letters
Drammensveien 78, 0271 OSLO

Theme

Reducing overall uncertainties in environmental impact and risk assessments – Future research priorities

Monday February 8.

Coffee 09:30-10:00

10:00 – 11:00 **Welcome**, CERAD Director Brit Salbu

- Opening of the CERAD Conference, Rektor NMBU Mari Sundli Tveit
- CERAD Highlights, CERAD team

Session 1: Sources, deposition, exposure characterization **Chair: Halvor Hektoen**

11:00-11:15 Nuclear events, particle sources and effects

- Overview: Umbrella 8 and 1 priorities, Ole Christian Lind

11:15 -13:00 Panel discussion

- Intro: From nuclear sources to impact and risk – Key knowledge gaps to be covered, Dr Ted Lazo, OECD/NEA
- Intro: Reactor accidents – lessons learned from the Chernobyl accident, Professor Valeriy Kashparov, NUBiP, Ukraine
- Intro: Norm sources, Professor Peter Stegnar, Jožef Stefan Institute, Slovenia

Panel: T. Lazo, V. Kashparov, P. Stegnar, O.C. Lind, J. Bartnicki

13:00 – 14:30 Lunch

Session 2: Biological effects **Chair: Lindis Skipperud**

14:30-15:30 Radiosensitivity, MixTox and Transgenerational effects

- Overview Umbrella 3, 4, and 5 priorities: Dag A Brede, Knut Erik Tollefsen and Anka Olsen, Salmon and Zebrafish experiments, Hans Christian Teien, Peter Alestrøm

15:30 – 17:30 Panel discussion

- Intro: Challenges in radiobiology of relevance for radioecology, Professor Sisko Salomaa, STUK, Finland
- Intro: Challenges in ecotoxicology of relevance for assessing radiation effects, Professor Juliette Legler, Brunel University, UK

Panel: S. Salomaa, J. Legler, C. Mothersill, C. Seymour, D. Brede, K.E. Tollefsen, A. Olsen

17:30– 18:00 Coffee

18:00 – 19:00 Concert – CERAD house orchestra

19:00 Dinner

Tuesday February 9.

Coffee: 08:30 – 09:00

Session 3: Ecosystem transfer, gamma + UV exposure

Chair: Per Strand

09:00-10:00 Ecosystem transfer/approach and integrating gamma with UV

- Overview Umbrella 2, 6 and 7 priorities, Justin Brown, Alicja Jaworska and Terje Christensen

10:00 – 10:40 Panel discussion

- Intro: Challenges related to ecosystem transfer, Professor Kathryn Higley, Oregon State University Corvallis, USA
- Intro: How to integrate effects from ionizing radiation and UV, Professor Janet Bornman, Curtin University, Australia

10:40 – 11:00 Coffee

11:00-12:00 Panel: K. Higley, C. Bradshaw, J. Bornman, H.C. Teien, A. Jaworska, T. Christensen, J. Olsen

12:00 -13:00 Lunch

Session 4 Overall research priorities

Chair Deborah H. Oughton

13:00 – 14:30 Panel discussion: Input to revised SRA

- Intro: IUR research priorities within radioecology, Dr., François Bréchnignac, IRSN, France

Panel: F. Bréchnignac, T. Lazo, V. Kazparov, S. Salomaa, K. Higley, P. Strand

14:30 – 15:00 Way forward and Closing

**Mid term evaluation, Liv Furuberg, Advisor, Research Council of Norway
Closing, CERAD Director Brit Salbu**