

Upcoming Seminar

NKS-B REMSEM 2026

Modelling and Monitoring of Fallout Impacts after a Nuclear Explosion: Enhancing Nordic Preparedness

19-20 August 2026, Reykjavík, Iceland

The two-day seminar will begin 09:00 UTC on August 19 and end at 16:30 UTC on August 20

We invite colleagues to propose presentations for the NKS REMSEM 2026 seminar on modelling and monitoring of fallout impacts after a nuclear explosion within a Nordic context. We are seeking suggested presentations that contribute to a structured discussion within a set of predefined thematic areas, see below. The aim of the seminar is to bring together Nordic expertise to review the current state of the field, identify knowledge gaps and recommendations for research, explore opportunities for strengthened collaboration and specify the basis for a roadmap to strengthen Nordic preparedness in case of a nuclear explosion within the region.

The seminar will include expert presentations and breakout discussions.

Participants are invited to submit suggestions for presentations that address one of the thematic areas listed on page 2.

Abstracts (250 words) for the presentations will be requested at a later stage, once the final program has been confirmed.

Registration

Please register and submit your presentation suggestion, including title, brief description (2-3 sentences) and preferred topic, no later than May 1, 2026.

If you only plan to participate and not present, the deadline for registration to NKS REMSEM 2026 is June 1, 2026.

In your e-mail, please inform of any diet restrictions or food allergies.

Please submit your registration by e-mail to: henrik.oberg@gr.is

Thematic areas for presentations

Topic 1: Status and Current Activities

For example:

- Modelling approaches to nuclear explosions and radionuclide transfers
- Explored scenarios (Nordic context)
- Early phase challenges
- Monitoring and measurement capacity in the Nordic

Topic 2: Modelling Approaches and Development Needs

For example:

- Review/comparison of modelling tools for NE source terms, fallout and radioecology
- Fallout from nuclear explosions compared to fallout from nuclear power plants
- Scenario development (Nordic context)

Topic 3: Countermeasures and Food-Chain Impacts

For example:

- Prioritisation of food production systems
- Key radionuclides
- Practical constraints and mitigation strategies
- Waste management

Topic 4: Measurement Integration and Data Use

For example:

- Recent experimental findings

- Real time vs delayed measurement
- Novel approaches

Acknowledgement

Organizers are the Icelandic Radiation Safety Authority (IRSA), the Norwegian Radiation and Nuclear Safety Authority (DSA), the Swedish Radiation Safety Authority (SSM), University of Gothenburg, the Swedish Defence Research Agency (FOI), the Finnish Radiation and Nuclear Safety Authority (STUK), the Danish Emergency Management Agency (DEMA), the Swedish Food Agency (SLV) and the Norwegian University of Life Sciences (NMBU)

NKS Project proposal leaders are urged to include more Young Scientists in proposals

Note that we urge 'young scientists/professionals' to sign up for being involved in NKS proposals for the upcoming NKS-R and NKS-B call for proposals. Read more about it at www.nks.org.

A link on this **for proposal leaders** now appears on the call-for-proposals webpages for NKS-R and NKS-B where you can read about the skills and wishes of the 'young scientists/professionals' that have signed up: [NKS.org Young scientists database..](http://NKS.org/Young_scientists_database..)

The Call for Proposals starting in January 2027 will as usual be announced around the 1st of September. Deadline for submission is as usual the 15th of October.