

## This is NKS

NKS (Nordic Nuclear Safety Research) is a platform for Nordic cooperation and competence in nuclear safety, including emergency preparedness. It is an informal forum, serving as an umbrella for Nordic initiatives and interests. It runs joint activities of interest to financing organisations and other end users producing seminars, exercises, scientific articles, technical reports and other types of reference material. The work is financed and supported by Nordic authorities, companies and other organisations. The results which should be practical and directly applicable are used by participating organisations in their decision making processes and information activities.

**This year's budget for the NKS-B (preparedness) programme: 3.75 MDKK.**

2nd September 2013

Call for Proposals was announced.

14th October 2013

**Deadline** for sending in proposals for activities.

Early January 2014

NKS Board meeting decides the NKS-B activity funding for 2014 based on the assessments of the evaluators and the proposal of the Programme Manager. Successful applicants will be contacted immediately after the decision of the NKS Board.

### ***Who can apply?***

Establishments such as universities, research centres, institutes and companies in the Nordic countries can apply for NKS funding for research activities. The activity should involve organisations from at least 3 Nordic countries (in some special cases, involvement of only 2 Nordic countries has been accepted).

***Proposals for NKS-B activities (research, seminars, exercises, info collation and training) should fall into at least one of the following four main categories:***

- Radiological and nuclear emergency preparedness
- Measurement strategy, technology and quality assurance
- Radioecology and environmental assessments
- Management of radioactive waste and discharges

Please consult [WWW.NKS.ORG](http://WWW.NKS.ORG) for further info:

- NKS-B Framework Document
- Handbook for NKS Applicants and Activity Leaders

Please feel free to contact me for assistance:

Kasper G. Andersson (DTU-Nutech / NKS-B)

[kgan@dtu.dk](mailto:kgan@dtu.dk); +45 4677 4173



## Examples of possible NKS-B activities

### **E: Emergency Preparedness** (in general, as well as specific tools)

- Nuclear and radioecological emergencies and incidents causing public concern: lessons learned and implications for emergency preparedness
- Potential malicious uses of radioactive substances: security, assessments and emergency response
- Exercises and harmonization of activities
- Dose assessments and biodosimetry
- Countermeasures: effectiveness and practicability
- Information and communication: further development of systems and methods
- Decision support systems: integration of existing knowledge

### **M: Measurement Strategy, Technology and Quality Assurance**

- Implementation of international standards and regulations in Nordic countries (e.g., foodstuffs, bulk materials)
- Sampling/measurement strategies for contaminated material, - areas, - foodstuffs
- Systems for mobile measurements
- Validation of methods for sampling and preconcentration of radionuclides
- Radionuclide analytical techniques and intercomparisons

### **R: Radioecological Assessments**

- Transport and ecological transfer of radionuclides in terrestrial environments
- Radioactivity in natural produce and foodstuffs produced in contaminated areas: temporal trends and seasonal effects
- Dose assessments from artificial and natural radionuclides
- Radiation effects in biota: studies of reference ecosystems and reference species for Nordic environments
- Case studies at locations with elevated concentrations of radionuclides
- Marine environments of special importance
- Syntheses of earlier radioecological studies of Nordic interest

### **W: Waste and Discharges**

- Waste and discharges from decommissioning activities
- Cost assessments of decontamination measures and remediation
- NORM waste from uranium mining and milling
- Interventions and clean-up operations
- Disposal of radioactive sources

The list of examples given above is not complete, and other proposals that can be associated with any of the four categories above will be considered in the evaluation process.