

1. Personal information

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2. Describe your relevant background, experiences, skills and expertises. What can you bring to a NKS project?

Please give a short and general description here (max 30 lines)

- ☐ 9 years hands-on expertise in the field of Radioanalytical Chemistry, Environmental Radioactivity and Trace Studies.
- ☐ Methods development for determination of radio-iodine, Pu and U isotopes across various environment media, including conjoint analysis of radio-iodine and Pu in both coral and ice core samples, Pu in peat, radio-iodine in tree rings, optimization analysis of Pu in liquid.
- ☐ Application of different detection techniques for quantification of radionuclides and trace elements, including Gamma Spectrometry, Inductively Coupled Plasma Mass Spectrometry (ICP-MS), and Accelerator Mass Spectrometry (AMS).
- ☐ Environmental radioactivity, source identification, and radioecological study. Trace studies using radio-iodine, Pu and U isotopes for pollutants transport in both atmospheric and marine environment

3. Describe your specific interests and wishes regarding collaboration. How would you like to be involved in a NKS project? Which types of projects could have your interest?

Please give a short and general description here (max 30 lines)

- ☐ Marine trace study with radionuclides, particularly in the Nordic sea areas, to understanding the water circulation, transit time, and transfer of pollutants.
 - ☐ Anthropocene research using Pu and U isotopes as chrono-marker for marking the intensified human activities since 1950s in geological archives.
- I would like to co-apply the relative NKS projects with other members, have the opportunity to co-organize some relative workshops, and do some real analysis of samples. The types of project i cannot tell now, maybe after i have some deep-understanding of the NKS projects.

