



Geodata for the public – best practice examples from GIS and web applications

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Abstract. Public participation is one of the requirements for the search for a final repository to succeed. This is because the site selection will only be accepted if the procedure is transparent and the decision for a safe location is comprehensible. Geo- and socioscientific information plays an important role in the site selection process (StandAV) in Germany and must therefore be prepared in a way that is understandable to the public. Geographic information systems (GISs) and web applications are essential tools here for making complex geoscientific and socioscientific information available to the public in a comprehensive, appealing and transparent way.

This workshop is intended to provide an opportunity to present, share and learn from each other by selected GIS and web applications related to symposium's topic: resilient safety. The safeND symposium is an opportunity to present applications to a broader audience and to discuss opportunities and challenges of GIS and web applications bringing general and scientific information closer to the public. Who can be reached, who will not be reached? And why?

The agenda is as follows (workshop duration: 120 min):

- I. introduction (5 min)
- II. presentations (each 15 + 10 min, 25 min total):
 1. Marian Graumann, SKD (Satellite-based Crisis and Situation Service): Web presentation of a worldwide overview of nuclear power plants (NPPs) and focus on the actual available data to the public in Germany
 2. Christoph Strobl, BfS (Federal Office for Radiation Protection): Remapping of the Chernobyl Exclusion Zone: georeferenced comparison of the spatial distribution of ^{137}Cs with previous measurements
 3. Andreas von der Dunk, NAGRA (National Cooperative for the Disposal of Radioactive Waste, Switzerland): Lessons learned from using GIS-based web applications to promote stakeholder participation during the site selection process for a deep geological repository
- III. wrap-up (10 min)
- IV. demonstration in detail of the GIS and web-applications (30 min).