

Managing The Expert Input Via Web Services To INSPIRE

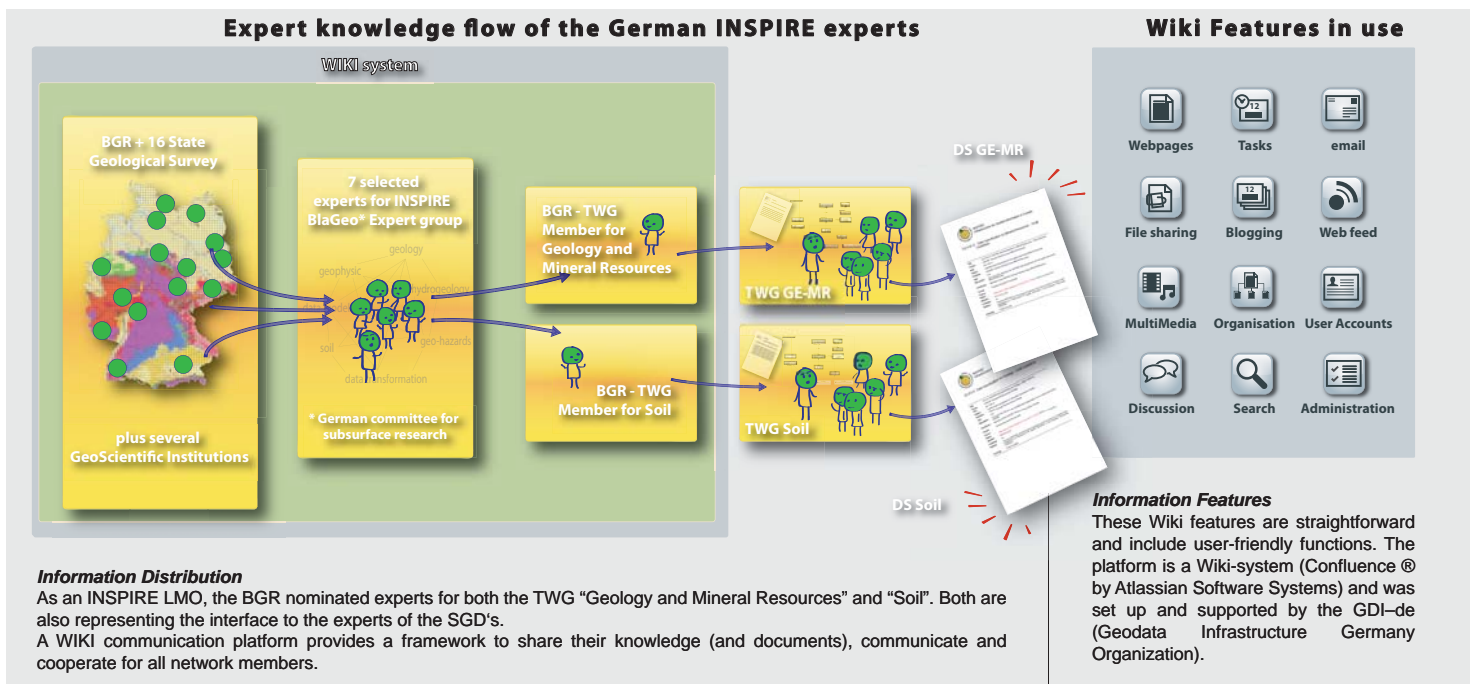
Theme: "Geology", An Example From The German Community

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Abstract:
 In the INSPIRE Geology and Mineral Resources Thematic Working Group (TWG GE-MR) members of 12 nations and several disciplines are contributing their expertise to build the GE-MR data specifications. Amongst them are geologists, hydrogeologists, mineral resources specialists, a geophysicist, a geomorphology expert and data modeling experts. INSPIRE is working on the subsidiarity principle and so does the German governmental geology community. As Germany is a rather "federal" federal republic with 16 state governments, each is holding its own geological survey body responsible/answerable for geology, soil, mineral and energy resources and natural hazards. In order to receive and organize input to the geoscience-relevant data specifications from the expertise of the entire Germany, a national INSPIRE Geology Expert Group consisting of experts of BGR and the state geological surveys (SGD) was founded in 2010. The task of the group is to support the German BGR TWG members to draft and test the data specifications and review the INSPIRE documents. Thus, the TWG GE-MR is benefitting through their one German member from the expertise of many more specialists.



Information Distribution

As an INSPIRE LMO, the BGR nominated experts for both the TWG "Geology and Mineral Resources" and "Soil". Both are also representing the interface to the experts of the SGD's.
 A WIKI communication platform provides a framework to share their knowledge (and documents), communicate and cooperate for all network members.

Wiki System

The web site of the GE-MR thematic network consists of a public area, visible for everyone, and a restricted area for confidential documents, e.g. unpublished minutes and discussion papers. Each participant of this restricted site can contribute new contents or thematic sites within the Wiki-platform. Figures, charts etc. can easily be placed on the platform which provides straightforward file sharing.

Discussion & Blogs

This figure above shows how a pro-active on-line discussion and prompt support can be driven by using this communication platform via blogs and discussion tools. For example: the BGR expert of the TWG GE-MR informs the German expert group and asks for contributions.

Glossary and Labels

To share your knowledge and have a common understanding on the used geoscience and technical terms for data modeling, a glossary is essential. The terms (labels) in this glossary are user-defined tag words. These tag words can be linked with the experts pages to the WIKI-platform, where the terms are described in detail.