

Call for Papers: Spatial and Regional Planning in the Context of Sustainable Management of Mineral Resources

The sustainable supply of raw materials to an expanding global population, rising consumption, urbanisation and the deployment of new environmental technologies requires novel governance approaches in the way we extract, process and recycle them. The sustainable supply with raw materials is in the scope of different strategies at EU level (e.g. RMI) and on level of member states (MS): the European Raw Materials Strategy refers to the need of developing and extracting European deposits to manage and reduce the dependency on imports of various raw materials (CEC 2008). Current academic debates investigate different approaches, how sustainable management and development of natural resources should be achieved: one part of the debate focuses on mineral resource governance, while other discourses are stronger focusing on ecological limits for resource governance and extraction and are pointing towards planetary boundaries. In the area of mineral resources governance for sustainable primary minerals production, a vivid academic debate emerged, due to the ‘wicked’ character and interdisciplinary nature of the policy issue (e.g. Ali et al., 2017; Endl, 2017; Henckens et al., 2019) particularly because of the spatial, environmental and social complexity (e.g. Everingham et al., 2013) and possible impact mineral resource extraction.

At the same time, mineral extraction and the management of mineral resources is highly controversial and contested: raw material extraction causes significant environmental impacts and triggers landscape changes, that might remain when extraction sites are closed and follow up-successive utilisation of former mining areas or quarries must be developed. The role of raw material production and societal perception of mineral raw material extraction has increasingly triggered civic protest and contestation.

For this session at CORP conference we are calling for contributions investigating mineral resources in the wider context of spatial- regional- and environmental planning and governance, as well as policy sciences, addressing for example:

- Safeguarding mineral resources and implementation strategies and tools in land-use planning/spatial planning
- Mineral resources management in context to spatial-, regional and environmental planning
- Role and challenges of mineral raw materials in regional development
- Challenges associated with post mining landscapes (e.g. remediation, large scale re-use)
- The nexus of mineral raw materials and the energy transition from a socio-spatial perspective (socio-technical systems)
- Governance, participation and civic engagement in mineral resource development or in the development of remediation and post-mining strategies (including Social License to Operate)
- Raw material flows and origin of raw materials (human rights etc.)
- Social contestation, activism and grassroot initiatives related to mineral resource development
- Post mining landscapes in the context of urban development
- Challenges and experiences regarding policy integration and policy coordination

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<https://conference.corp.at/>, 15-18. April 2020 RWTH Aachen

Submission deadline abstracts: 6.12.2019 via CORP website