**Use Case: FAIR linking of data from Social and Spatial Sciences (GESIS-Leibniz-Institut für Sozialwissenschaften + IÖR-Leibniz-Institut für ökologische Raumentwicklung)**

The use case addresses a linked dataset containing data from two completely different disciplines: aggregated survey data from Social Sciences and dynamic geo data from Spatial Sciences, linked together to a novel type of dataset. The background of the use case is the cross-disciplinary DFG project SoRa (March 2017 - February 2020), conducted by GESIS and IÖR, which aims at enabling research on the interdependency of human action with the environment. Increasing environmental problems, such as urbanization with concomitant urban sprawl and soil sealing, are becoming more and more important for a better understanding of this interrelationship, which is referred to by the term “environmental justice” in the Social Sciences. However, a common lack is the low availability of data. Therefore, the combination of data from Social Sciences with data from Spatial Sciences is seen as a valuable contribution to enable research addressing the relationship between health, well-being, or attitudes and local spatial conditions, e.g. “Does life satisfaction and well-being corresponds to the percentage of local green spaces?”. To better address research questions at the interface between Social and Spatial Sciences linkages between survey data and spatial data are strongly needed. The central approach of the SoRa project is to locate social science survey data in space. The aim is to extend spatial (IÖR) and social science (GESIS) data infrastructures in a way that makes the data more interoperable with respect to international standards and interfaces. FAIR, however, is not considered in the SoRa project so far, but linking data from both strands requires common data preparation strategies ensuring interoperability across community borders. The major objective of the use case is to explore how the FAIR principles can be applied from scratch to a novel kind of dataset that is just beginning to emerge. The focus will be on the link data itself and how the link information can be represented in the form of Digital Objects (DOs). SoRa provides a perfect project framework for addressing this issue. The intended outcome of the use case will be pilot implementation of the SoRa dataset according to FAIR.