

# Geodata Strategy &#8211 Support the Sustainable Development Goals and Climate Adaption

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## SUMMARY

FIG Working Week 2020

## ABSTRACT

FIG Working Week,” Geodata strategy - support the sustainable development goals and climate adaption”

The challenges faced in terms of the climate and the environment are significant and are often of a cross-border nature. The Swedish environmental quality objectives , our generational goal and several of the sustainable development goals included in the UN’s Agenda 2030 focus on the climate and the environment. These establish a high level of ambition for environment work, in which open, easily accessible geographic information – as well as property information – is an important precondition for both implementation and monitoring.

Access to geodata is essential for the rational use of the tools currently being drawn up for planning green infrastructure and the significance of these structures for maintaining central ecosystem services. Environment-related geodata also increases the opportunities for citizens to obtain information and get an overview of the environmental conditions in different areas, and to participate in the social debate on environmental issues.

Since most of the effects of climate change and environmental conditions have a geographic connection, core geodata is of central importance. Geodata is needed in order to demonstrate and explain complex courses of events based on what are often large and complex quantities of data produced by research. Geodata is also needed for analysis, impact

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assessments

and planning various measures for climate adaptation, and as data for the presentation and communication of different types of climate and environmental information.

Within the latter, open data, maps and internationally harmonised geodata for land and sea areas are also highly significant.

This is Sweden contribution within this field – a strategy to support the work together with other agencies to fulfill the sustainable development goals.

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