

As Simple as Possible for as Many as Possible, to Access, Understand and Use of Spatial Data.

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SUMMARY

It becomes more common with major natural disasters, fires, floods and landslides. It can happen anywhere, at anytime and can spread over large areas. Easy access for authorities, municipalities, landowners and other stakeholders are required and is important to achieve a common picture before, during and after a disaster. Right kind of information and knowledge simplifies both planning, decision making and analysis.

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The sentence above is one of the main goals that Swedish authorities are aiming for to fulfill and also the Swedish vision to create a National Spatial Data Infrastructure (NSDI). For the work we have a National Geodata Strategy that describes the strategic objectives to achieve the vision. Lantmäteriet has been commissioned by the government to coordinate the Swedish spatial data infrastructure for access and exchange of spatial data.

To use and combine spatial data from different providers the data needs to be harmonized and in a uniform reference system. Standardized information is a necessary part of a spatial data infrastructure.

Another important part of the infrastructure is that the responsibility for coordinating the work is defined. A crucial factor for success is that there is a collaborative way of working for the process of building an infrastructure for geodata. Network and forums for the development and exchange of experiences are important components in the construction of an infrastructure.

In Sweden we have a national portal for spatial data where different actors describe their data. The

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portal provides the ability to search, find and view spatial data that is hosted by many different organizations.

So why a spatial data infrastructure? We are constantly under threat from climate change, natural disasters, diseases, extinction of species and lack of natural resources. In order to prevent and deal with situations that arise, spatial data is needed. The infrastructure for spatial data facilitates exchange of information.

- What have we done so far
- What do we need to improve
- What have we learned from others

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