



Global Spatial Data Infrastructure and National and Regional SDI

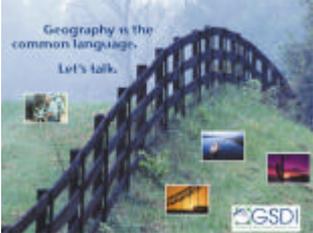
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Global Spatial Data Infrastructure Association

... a global forum to support exchange of ideas and encourage joint activities at the global level



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GSDI Association Mission

- ◆ Serve as a point of contact and effective voice for those in the global community involved in developing, implementing and advancing spatial data infrastructure concepts,
- ◆ Foster spatial data infrastructures that support sustainable social, economic, and environmental systems integrated from local to global scales, and
- ◆ Promote the informed and responsible use of geographic information and spatial technologies for the benefit of society.

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5 Main Goals

1. Continue to promote and develop awareness and exchanges on infrastructure issues for all relevant levels from local to global.
2. Promote and facilitate standards-based data access/discovery through the Internet.
3. Promote, encourage, support, and conduct capacity building.
4. Promote and conduct SDI development research.
5. Collaborate with others to accomplish its Vision and Goals.

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Structure of GSDI Association

- ◆ Non-Profit Organization
- ◆ Emphasis on inclusiveness and democratic processes

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Membership

- ◆ Full, associate and individual memberships
- ◆ Agencies (national to local), companies (all sizes), academic institutions, non-profits, individuals
- ◆ Dues scaled upon approximate ability to pay
- ◆ Full members form a Council which is the ultimate authority for the organization and also elects a Board

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Regional Spatial Data Infrastructures

- ◆ **Africa:** UN Economic Commission for Africa, Committee on Development: GEO (CODI-GEO)
- ◆ **Americas:** Pan American Institute for Geography and History and Permanent Committee on GIS Information for the Americas (PCIDEA)
- ◆ **Asia and Pacific:** Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP)
- ◆ **Europe:** European Umbrella Organization for Geographic Information (EUROGI) and EuroGeographics

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Ongoing Activities

- ◆ **Newslist** (news@godi.org - 1600 subscribers)
- ◆ **Monthly Regional Newsletters** – Africa, Latin America, Asia/Pacific (electronic)
- ◆ **Working Groups** – Technical, Legal & Economic, Standing Committees, etc.
- ◆ **Email Discussion Forums**
- ◆ **Small Grants Program**
- ◆ **Annual Meeting** plus **Training Workshops**
- ◆ **Affiliated Projects:** ESRI Global Map Grants, Intergraph Open Interoperability Grant Program

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Current Projects...

Developing Spatial Data Infrastructures: The SDI Cookbook

Version 2.0
2004

Release for Review at the Fourth Global Spatial Data Infrastructure Conference, Cape Town, South Africa
Editor: Douglas D. Nebert, Technical Working Group Chair, GSDI



Disclaimer: This draft represents a work-in progress that has been compiled from numerous contributions and available online documents contributing organisations. Full acknowledgement of contributions and citations will be provided in the initial public draft.

<http://www.godi.org>

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Current Projects...

Cookbook

Doug Nebert; Editor in Chief

- It contains contributions from many nations
- FGDC/GSDI will maintain it and make it available on the GSDI website
- It is a living document
- Previous editions have translations available in Spanish, Chinese, Polish

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GSDI-9 Santiago Chile Nov 6-10 2006

<http://www.igm.cl/gsd9>



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INSPIRE - Proposal for a Directive in EU

- ◆ Proposal for a directive on **establishing an infrastructure for spatial information** in the Community.
- ◆ Creates a legal framework for establishing and operating the infrastructure
 - for the purpose of formulating, implementing, monitoring and evaluating community policies at all levels.
- ◆ Focuses on environmental policy
 - but is open for use by and future extension sectors such as agriculture, transport and e

<http://www.ec-gis.org/inspire/>



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INSPIRE - Proposal for a Directive in EU

- ◆ The overall aim is to improve the way in which spatial data held by public authorities supports environmental policy
 - ◆ by improving the harmonisation of spatial data and the interoperability of spatial services
 - ◆ ensuring greater sharing of the data between public authorities and on-line access by the public.
- ◆ The type of spatial data covered is specified in three annexes to the proposal.



The Finnish GI/SDI strategy

- prepared by the Finnish Council for GI (accepted 19.8.2004)
- the INSPIRE process was followed closely during the preparation
- part of the Government Information Society Programme
- includes guidelines and working program (23 actions) for:
 - co-operation structures and mechanisms
 - standards and specifications
 - harmonisation of the core data sets
 - metadata and metadata services
 - GI services
 - use and access policy
 - user applications
 - research and education
 - communication



Additional Information

www.gsdi.org	Global Spatial Data Infrastructure
www.eurogi.org	European Umbrella Org. for GI
www.eurogeographics.org	EuroGeographics
www.pcgiap.org	Permanent Committee on GI for
www.cpidea.org.co	Permanent Committee for the Americas
www.codigeo.org	Permanent Committee for Africa
www.opengis.org	Open Geospatial Consortium
www.fgdc.gov	Federal Geographic Data Committee