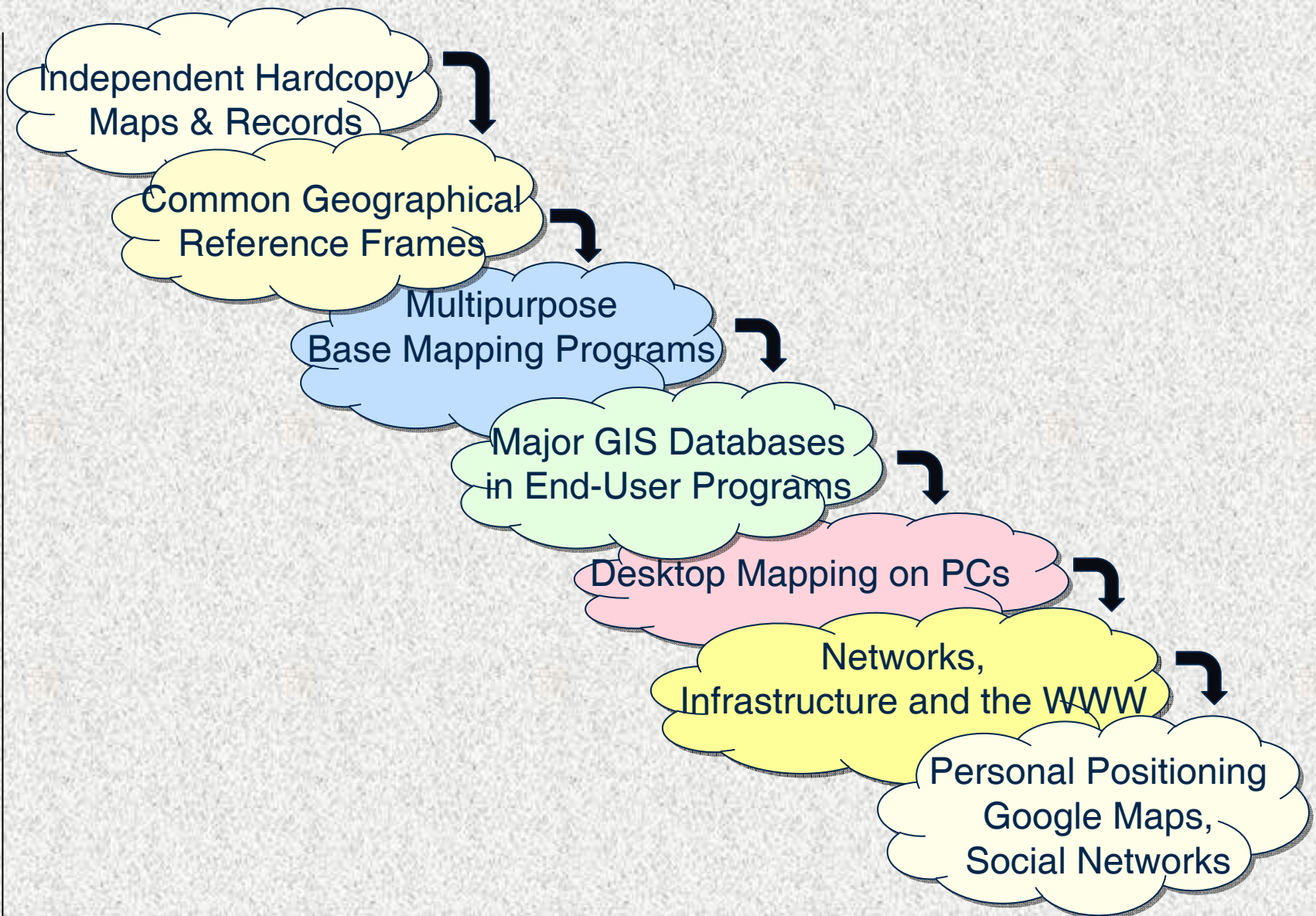




GSDI: Towards a Spatially Enabled Society

**Dr. David J. Coleman, President
Global Spatial Data Infrastructure Association**

**UN Regional Cartographic Conference for the Americas,
United Nations, New York, NY
20 August 2013**



1970's

1980s

1990s

2000s

SDI Programs Worldwide

5 key areas of focus to date:

- Framework data definition and development
- Geospatial data discovery and download
- Web mapping (sometimes from several different servers & integrated on your browser)
- Cultivation of “communities of practice”
- Definition and development of standards and standards-based products to enable the above

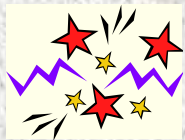
A Changing Marketplace

- ✓ Corporate downsizing and reorientation of government programs
- ✓ Commoditization and “mass customization” of products and services
- ✓ Challenges to traditional geomatics approaches in developing countries
- ✓ Evolving expectations of users re: capability, performance, transparency, simplicity and reliability

SDI Programs 1995-2013: *Looking Back...*



Mapping Emphasis and Library/Bookstore Metaphor limited the vision



Emphasis on widespread, mass-market use of government mapping files has not taken hold.



Mixed successes in government-government and government-industry partnerships



Except in a few examples, did not predict the ultimate influence of integrated, real-time location-based services

SDI Programs 1995-2013: *Early High Points*

Provided basis of
forecasting of
demand for gov

Supported Important
Standards and
Efforts

Provided private
me

Important Sharing of
Lessons Learned

Rais

Companies with
comprehensive
own services. to base their

Changed the workflows,
efficiency and turnaround of
government tasks & services

t approaches to on-
very & downloads

The GSDI Association

Advancing a Spatially-Enabled World

✓ **Our Vision:**

A world where everyone can readily discover, access and apply geographic information to improve their daily lives.

The GSDI Association

✓ **Our Mission:**

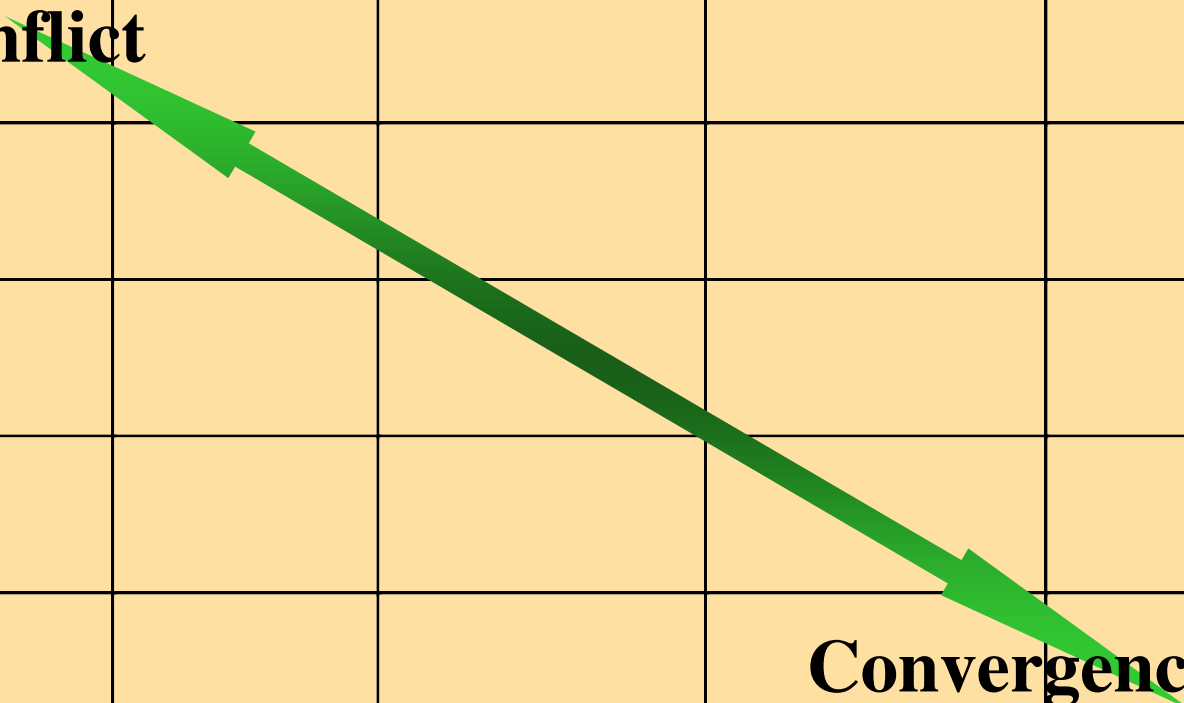
To advance geo-information best practices, knowledge sharing, and capacity building...

... for the improved sharing and application of geographic information.

GSDI:

Issues at the Interfaces

	People	Policies	Institutions	Technology	Data
People	Conflict				
Policies					
Institutions					
Technology					
Data					Convergence





The GSDI Association: Where are we now...?

- ✓ A formal incorporated non-profit organization
- ✓ Global membership of organizations and individuals from all sectors
- ✓ Board and Officers
- ✓ Bylaws
- ✓ Strategic and Implementation Plans



GSDI

Standing Committees

- ✓ **Technical Committee**
- ✓ **Legal and Socioeconomic Committee**
- ✓ **Outreach & Membership Committee**
- ✓ **Societal Impacts Committee**



Navigation

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Main Page

Welcome to the SDI Cookbook

The following contains the text of the book, broken down by chapter.
Each chapter is then broken into subsections.

SDI Cookbook

- [Chapter 1: The Cookbook Approach](#)
- [Chapter 2: Geospatial Data Development: Building data for multiple uses](#)
- [Chapter 3: Metadata: Describing geospatial data](#)
- [Chapter 4: Geospatial Data Catalogue: Making data discoverable](#)
- [Chapter 5: Geospatial Data Visualization: Online Mapping](#)
- [Chapter 6: Geospatial Data Access and Delivery: Open access to data](#)
- [Chapter 7: Other Services](#)
- [Chapter 8: Legal Issues and Economic Policy](#)
- [Chapter 9: Outreach and Capacity Building: Creating a community](#)
- [Chapter 10: Standards Suites for Spatial Data Infrastructure](#)
- [Chapter 11: Case Studies](#)
- [Chapter 12: Terminology](#)
- [Annex A. Abbreviations and Terminology used in the GSDI Cookbook](#)

**Wiki Version.
PDF versions now
available in English,
Spanish, Chinese,
Polish and Albanian**

This page was last modified on 14 August 2012, at 12:31.

This page has been accessed 32,978 times.

GSDI Legal & Socio-Economic Committee



Bastiaan Van Loenen



Katleen Janssen

- Exploring, categorising and discussing existing licencing terms
in order to
 - improve the legal interoperability of geo-data at a global level

GSDI: Communications and Outreach since May 2012

- ✓ GSDI/IGS Global Newsletter: 12 issues
- ✓ Monthly SDI Regional Newsletters
 - Africa
 - Asia-Pacific
 - Latin America & Caribbean
- ✓ E-mail List (reaching over 4500 addresses)
- ✓ Booklet “Spatially Enabling Societies” (with FIG)



<http://www.giknet.org>

Connecting Geospatial Leaders and Innovators

[GI Community Registry](#)[Deposit Spatial Documents](#)[Find Spatial Documents](#)[Mapping Agency Central](#)[SDI Survey Responses](#)[International Geospatial Forum](#)[Best Geo Web Resources](#)[Geospatial Discussion Lists](#)[About this Network](#)

... a professional and academic network for the geographic information global community

GI Community Registry

Put yourself and your organization on the global map! To browse profiles supplied by others, use the map index above or go to the Community Registry to search by category or key words

International Geospatial Forum

Communicate with other members of the international geospatial community.

Mapping Agency Central

Explore the national mapping agency contact list, the status of national mapping agency spatial data infrastructure programs, the mapping agency discussion forum, and the equipment exchange.

Deposit Spatial Documents

Contribute your works that address spatial data infrastructure and geographic information development concepts to an open access depository.

Find Spatial Documents

Search the spatial docs depot or explore links to best papers, best practices, and other geospatial document collections.

Spatial Data Infrastructure Survey Responses

See survey responses from across the globe on the status of national, sub-regional and local spatial data infrastructure developments.

Financial Assistance



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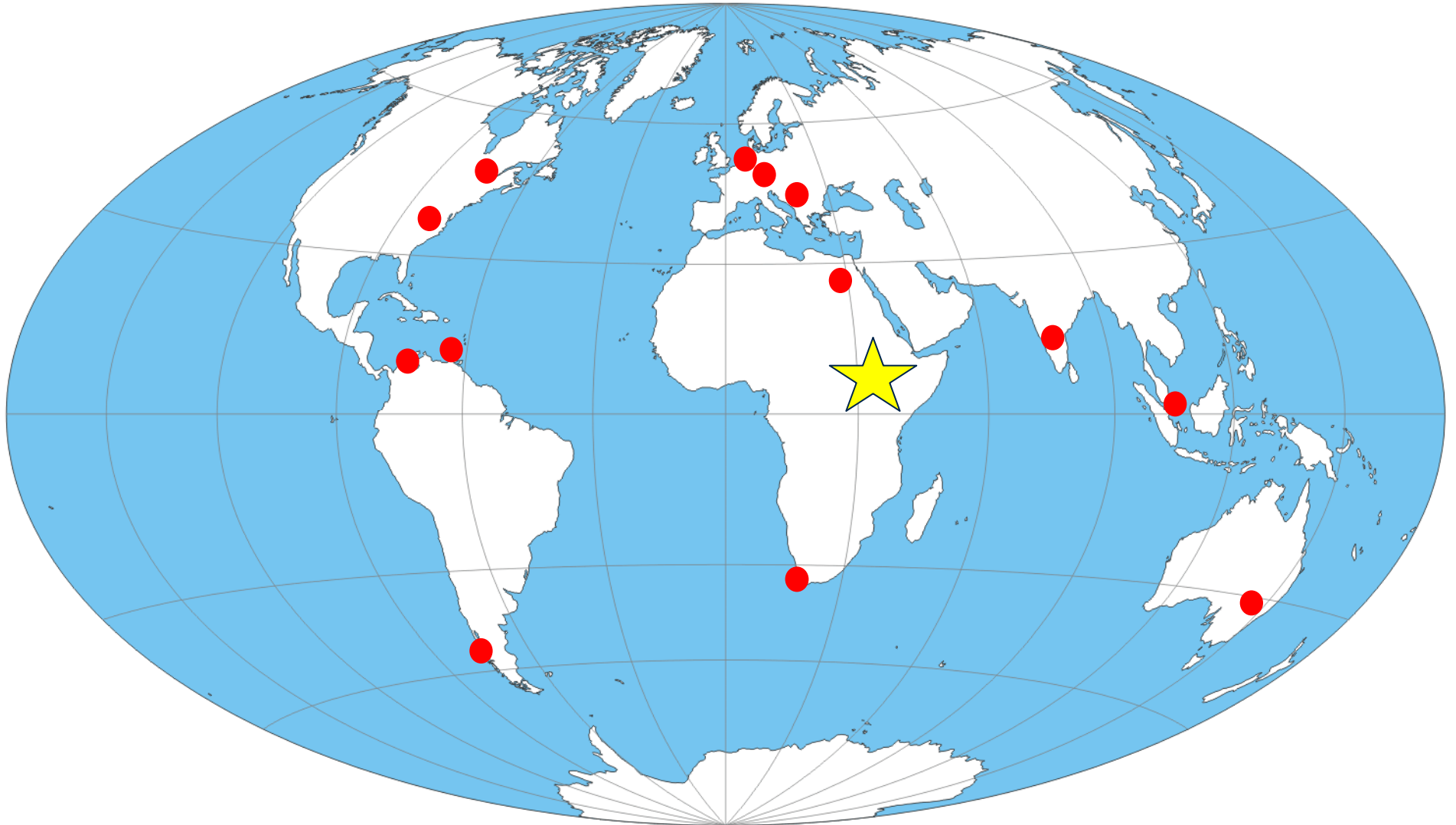
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assistance!

GSDI Conferences: Sharing Lessons Learned



AfricaGIS 2013

GSDI 14



Global Geospatial Conference 2013 UNECA Conference Center, Addis Ababa, Ethiopia November 4-8, 2013

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<http://www.gsdi.org>