

INTRODUCTION TO SOUTH AFRICAN SPATIAL DATA INFRASTRUCTURE

Collaborative Custodianship Workshop

14 September 2018

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SDI Act

Spatial Data Infrastructure Act, No. 54 of 2003

CSI

Committee for Spatial
Information

SASDI

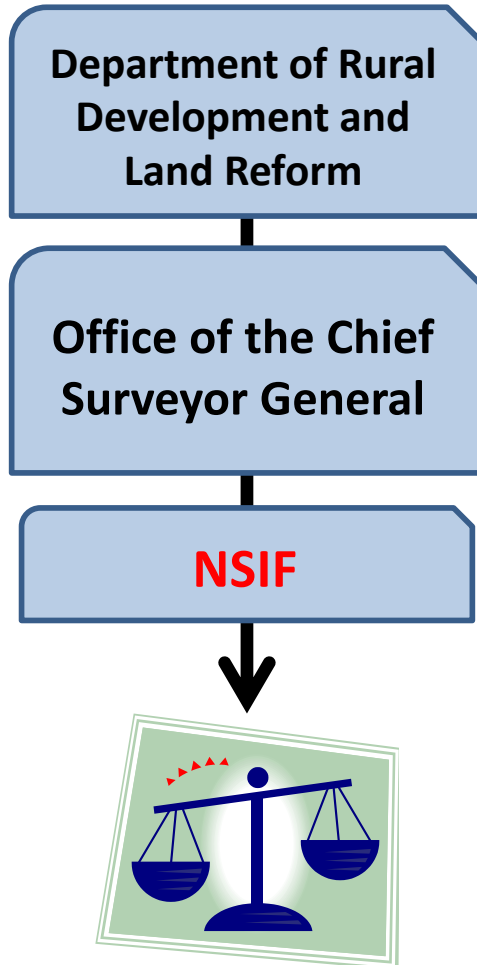
South African
Spatial Data Infrastructure

EMC

Electronic Metadata
Catalogue

standards and prescriptions
sharing of spatial information
capture, publishing of metadata

SDI Act, 2003 – Preamble



ACT

To **Establish:**

- The **South African Spatial Data Infrastructure (SASDI)**;
- The **Committee for Spatial Information (CSI)**; and
- **Electronic Metadata Catalogue (EMC)**

To **Provide for:**

- Determination of **Standards and prescriptions** to facilitate **sharing of spatial information**
- The capture and publishing of **metadata**

To **avoid duplication of capture**

- Matters concerned therewith

[**Data custodians: appointment & responsibilities**]

SDI Act, 2003



Application of the Act

This Act applies to **organs of state** which **hold spatial information** and to **users of spatial information**

Liabilities

No person is liable for anything done in good faith in the exercise or performance or purported exercise or performance of any power or duty **in terms of this Act**

Committee for Spatial Information (CSI)



- (a) 1 person to represent the **Minister** (RDLR)
- (b) 2 persons in full-time employ of the **Department** (DRDLR)
- (c) **1 person in full-time employ of each of:**
 - (i) Statistics South Africa (**Stats SA**)
 - (ii) National Department of Provincial and local government
[Cooperative Governance and Traditional Affairs (**COGTA**)]
 - (iii) such **other national departments** of state **identified by the Minister**
- (d) 1 person from **each Provincial Government**, (in full-time employ of such)
- (e) 2 persons in full-time employ of **Local Municipalities** (**1 Rural**, and **1 Urban**)
- (f) 1 person representing the **Council of Government Information Technology Officers**
- (g) 1 person representing a **Professional Association** of persons involved in **GISs**
- (h) 1 person involved in teaching/research in **GISc** (**Academic**)
 - (i) At least 1 person from **public entities** (Schedule 2/3 of PFMA) \
 - (j) 1 person from **each data custodian** as **identified by the Minister**

Committee for Spatial Information (CSI)



- CSI is a statutory body established in terms of section 5 of the Spatial Data Infrastructure Act.
- Consist of 27 number of members nominated by the organisations they represent and appointed by Minister of RDLR
- Report to the Minister of RDLR
- Must hold at least four meetings a year
- Have a Code of Conduct
- Represent the interest of the organisations they represent and the GI community in general
- Coordinate the implementation of the SASDI
- Advise the Minister or any other organ of state on matters relating to spatial information.
- Appoint Data Custodians

CSI Work- Progress to date



- ✓ The Spatial Data Infrastructure Act was assented - **2004**.
- ✓ Sections 1 to 11, 13 and 19 to 22 of the Act came into operation – **2006**.
- ✓ Regulations for section 5 (establishment of the CSI) approved - **2008**
- ✓ 1ST CSI Inaugurated - **2010**
- ✓ Custodians – 10 Themes identified **2012**
- ✓ Sections 12, 14 to 18 of the Act signed in operation - **2015**
- ✓ Two policies approved by the Minister of RDLR – **2015**
- ✓ A functional EMC - **2016**

CSI Work- Progress to date



- ✓ Regulations approved and gazetted - **2017**
- ✓ CSI Code of Conduct - **2017**
- ✓ SASDI Compliance Guidelines approved
- ✓ Land Cover Standard approved - **2017**
- ✓ Advance Metadata Training Courses - **2017**
- ✓ First Compliance Audit for Custodians within DRDLR - **2017**
- ✓ Engagements and appointment of Base Data Coordinators – **2017**
- ✓ Draft SDI Amendment Bill - **2017**

Discussions and Decisions of the CSI



Meetings	Discussions and Resolutions
1 st meeting	Retained the six subcommittees
2 nd meeting	Adopted a PoW
3 rd meeting	Appointment of coopted experts
4 th meeting	Establishment of Provincial Spatial Info Forums
5 th meeting	Approval of the internal CSI policies
6 th meeting	SASDI compliance Guidelines recommended for approval
7 th meeting	Establishment of Subcommittees
8 th meeting	Approval of the Code of Conduct
9 th meeting	Approval of S& T policy for CSI and NT and SITA circulars
10 th meeting	Approval of data capture projects

CSI Subcommittees

- Policy and legislation subcommittee
Develop policies, legislation in support of SASDI
- Data subcommittee
Promote availability, accessibility and dissemination of data
- Systems subcommittee
Develop technical systems in support of SASDI
- Standards subcommittee
Develop standards for SASDI
- Education and training subcommittee
Build capabilities for SASDI through education and training
- Marketing and communications subcommittee
Communicate SASDI and CSI activities

SOUTH AFRICAN SPATIAL DATA INFRASTRUCTURE - NEWSLETTER

The South African Spatial Data Infrastructure (SASDI) newsletter is a free electronic newsletter for people interested in Spatial Data Infrastructure implementation. The purpose of the newsletter is to raise awareness and provide useful information to strengthen SDI efforts. The newsletter is prepared for the Geospatial community by the Directorate: National Spatial Information Framework (NSIF)

The Committee for Spatial Information appoints members of the subcommittees in line with Section 10 of the Spatial Data Infrastructure Act, 2003

Subcommittee Policy and Legislation



Derek Clarke (Chair)
Sissiel Kay
Seakalala Mojapelo
Andiswa Misa
Flora Makgale
Antony Cooper
Morena Letsosa
Genock Mnisi
Nicolene Fourie
Gareth Muthumuni
Papama Maliti
Manyama Michael
Audrey Mudau
Jeni Weru

Standards subcommittee



Bulelwa Semoli (Chair)
Antony Cooper
Peter Schmitz
Sabelo Cele
Patrick Vorster
Mukondeleli Mufamadi
Papama Maliti
Jashmir Maganbehari
Audrey Mbatha
Mpule Kekana
Serena Coetzee
Michael Manyama

Systems subcommittee



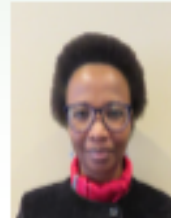
Sibusiso Dlamini (Chair)
Tendani Lavhengwa
Magda Smidt
Ahmad Desai
Lindy-Anne Siebritz
Matsatsi Masungwini
Helene Fensham
Jashmir Maganbehari
Ligwa Sakata
Jabulani Hlatshwayo
Newman Dawn
Mfanafuthi Gama

Education and Training subcommittee



Serena Coetzee (Chair)
Jeffrey Williams
Ahmad Desai
Lindy-Anne Siebritz
Flora Makgale
Antony Cooper
Julian Lloyd Smit
Sibusiso Langatshe
Aubrey Kekana
Luncedo Ngcofe
Salome Minnie

Marketing and Communications subcommittee



Nondwe Monyake (Chair)
Malefanye Mautla
Mukondeleli Mufamadi
Ligwa Sakata
Nwabisa Pulumo



Data subcommittee



Nicolene Fourie (Chair)
Audrey Mbatha
Henriette Strauss
Jabulani Hlatshwayo
Andre Breytenbach
Thandeka Maphalala
Lebogang Modiba
Luncedo Ngcofe
Thiruveni Chetty
Doreen Van der Walt
Noruka Siphindiwe
Michael Manyama
Newman Dawn
Siphindiwe Noruka
Nyiko Magoro

Jeffrey Williams
Sharon Cembu
Sissiel Kay
Anneliza Collett
Derick O'Brien
Chuene Chokoe
Helene Verhoef
Aubrey Kekana
Flora Makgale
Rob Anderson
Yvonne Steenkamp
Christ Williams-Wynn
Hanlie Wells
Domenick Mashau
Patrick Vorster
Marcelle Hattingh
Jashmir Maganbehari
Codrey Nkosi
Helene Fensham
Lauren Williams
Papama Maliti
Shonisani Maranda
Luna Koza

Implementing the South African Spatial Data Infrastructure

SASDI Governance



The Minister Rural Development and Land Reform (DRDLR)
Provides Executive Leadership

Director General [Act, section 3(3)]
Administers the SDI Act and the SASDI

Committee for Spatial Information (CSI) [Act, sections 5-10]
Develop and implement SASDI

National Spatial Information Framework (NSIF)
Provide Administrative and Secretariat to the CSI

Objectives of SASDI



- facilitate the capture of spatial information through co-operation among organs of state;
- promote effective management and maintenance of spatial information;
- promote the use and sharing of spatial information in support of planning;
- create an environment which facilitates co-ordination and co-operation among all stakeholders;
- eliminate duplication in the capturing of spatial information;
- promote universal access to such information; and
- facilitate the protection of the copyright of the state in works relating to spatial information.

The Electronic Metadata Catalogue



The **EMC** is a “search and discovery” solution with **detailed metadata** enabling users to **search and access spatial data** that is most **suitable for a specific purpose**.

It is obligatory for Data Custodians

to **capture metadata** for their data holdings on the EMC

www.sasdi.net

Thank you

For more information contact:
National Spatial Information Framework

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www.sasdi.net

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