

The South African Spatial Data infrastructure (SASDI) newsletter is prepared for the Geo-spatial community by the Directorate: National Spatial Information Framework (NSIF). The purpose of the newsletter is to promote awareness of the activities of the Committee for Spatial Information (CSI) and provide useful information to strengthen SDI efforts.

In this issue:

- ◆ Committee for Spatial Information (CSI)
- ◆ SDI Regulations
- ◆ Base Dataset Custodian Workshop
- ◆ SASDI Marketing and capacity Building
- ◆ Upcoming events
- ◆ United Nations World Data Forum
- ◆ WCSIF meeting held at Kirstenbosch
- ◆ Launch of the BioEnergy Atlas Project
- ◆ City of Johannesburg metadata capacity building
- ◆ SASDI Electronic Metadata Catalogue
- ◆ SASDI EMC

Committee for Spatial Information (CSI)

The Committee for Spatial Information (CSI) held 4 meetings in the last financial year - FY 2016/17 (06 July, 19 October and 08 December 2016, and 29 March 2017). The six subcommittees compiled their program of work (PoW) and prioritised activities. In view of severely limited resources, the achievement of this programme of work will require commitment, cooperation and collaboration of all Committee and Subcommittee members as well as relevant stakeholders .

Members of the Committee for Spatial Information are appointed by the minister in terms of section 5 of the Spatial Data Infrastructure Act, 2003. Subsequent to the appointment of members for the current term of office, a number of gaps were identified in terms of the representation requirements specified in section 5 (2) of the Act. Furthermore, a number of members vacated their office before the expiry of the current term of office. The Minister may appoint members to fill the vacancies for the unexpired portion of the period for which members who have vacated their office were appointed. A request to call for nominations to fill these gaps was approved by the Minister. Re-nomination letters for appointment of members and alternate members is currently in progress.

Members who have vacated their office



Mr Ubbo Kraak

Mr Ubbo Kraak (North West Premier's Office - retired); Dr Jane Olwoch (South African National Space Association – resigned)

The Committee for Spatial Information (CSI) wishes to acknowledge the contribution and services rendered by them to the work of the Committee and its subcommittees



Dr Jane Olwoch

SDI Regulations

The SDI Regulations made in terms of Section 20 of the Spatial Data Infrastructure Act, 2003, were approved by the Minister and are now signed into Law. They will come into operation 30 days after publication in the Government Gazette.

Contact: nsif@drdlr.gov.za

Base Dataset Custodianship Workshop, 15-16 March 2017

The Data Subcommittee for the Committee for spatial Information (CSI) conducted a research study to identify base datasets and their corresponding custodians and submitted a final report to the CSI which was approved for implementation on 06 December 2012. However, the process of appointing base spatial dataset coordinators and contributing custodians could not proceed as the term of office for the first CSI expired on 28 February 2013 and the second-term Committee was not appointed until 27 May 2016. The finalisation of custodianship for the identified 10 base dataset themes to be prioritised has now begun.

A workshop, facilitated by the Data Subcommittee to discuss custodianship aspects regarding the appointment of base spatial dataset theme coordinators and contributing custodians, was held in March 2017. The focus for this workshop was on the themes of conservation areas, land cover and land use.

- The Department of Environmental Affairs was confirmed as base dataset theme coordinator for conservation areas.
- The Chief Directorate, National Geo-spatial Information (NGI), Department of Rural Development and Land Reform (DRDLR) was confirmed as base dataset theme coordinator for land cover, although the appointment of contributing custodians must still be finalised.
- The appointment of base spatial dataset theme coordinator and contributing custodians for land use was not concluded as there as still some aspects that require further clarification.

Further Workshops for the other prioritised base dataset themes will be held in due course.

Contact: nsif@drdlr.gov.za

The South African Spatial Data infrastructure (SASDI) newsletter is prepared for the Geo-spatial community by the Directorate: National Spatial Information Framework (NSIF). The purpose of the newsletter is to promote awareness of the activities of the Committee for Spatial Information (CSI) and provide useful information to strengthen SDI efforts.

SASDI marketing and capacity building

The Education and Training Subcommittee of the CSI will be facilitating two events in June and July 2017.

SASDI Metadata Training Course

Managers and decision makers responsible for data and metadata compliance in their organizations, as well as business and system analysts responsible for designing business processes and systems involving metadata are invited to attend this course. The course will take place in 2 parts and participating delegates **must complete both parts**. CPD points will only be awarded to delegates that attend both parts.

- Part 1 (3 Days) from 06 to 08 June 2017 aims to familiarise delegates with concepts of metadata and how it should be captured as well as with the functionality of the SASDI EMC.
- Delegates will then go back to their organisations to implement what they have learnt.
- Part 2 (2 Days) from 12 to 13 July 2017 where delegates will present on their experiences in implementing metadata in their work environment followed by a discussion on issue resolution and the way forward

SASDI Workshop @ FOSS4G Conference

The FOSS4G Africa 2017 conference will be hosting a number of sub-conferences and activities at St Johns College, Houghton, Johannesburg from 26 June to 01 July 2017, including a SASDI Workshop on 27 June 2017 (see Upcoming Events and FOSS4G AFRICA snippet). Delegates are required to register for each sub-conference separately.

Stakeholders are invited to participate in the SASDI Workshop to find out more about the Committee for Spatial Information (CSI) and the work that the Committee and its subcommittees are involved in to support stakeholders in the implementation of the SASDI.

Contact: nsif@drdlr.gov.za

Upcoming events

06-08 June 2017 and 12-13 July 2017

SASDI Metadata Training Course (Part 1) and (Part 2) See article in this Newsletter

Theme: Capture and manage metadata within your organisation – publish on the SASDI EMC
Venue: Stats SA
Contact: nsif@drdlr.gov.za



FOSS4G Africa 2017

St Johns College, Houghton, Johannesburg

SAGTA and GeoforAll sub-conference 26-28 June

OSGeo and OGIS UG sub-conference 28-30 June

Pre-conference teachers' tour: 25 June

SASDI workshop 27 June

FOSS4G Codesprint + UN GIS Hackathon 1 July at JCSE

25 June – 01 July 2017 (Various events)

FOSS4G Africa, Johannesburg 2017

Venue: St Johns College, Houghton, Johannesburg
Website: <https://foss4g-africa.org/en/home/>
Contact: Immo Blecher email: immo@drdlr.gov.za

27 June

SASDI Workshop (hosted at FOSS4G Africa, Johannesburg 2017)

Various events and sub-conferences (see snippet)
Venue: St Johns College, Houghton, Johannesburg
Website: <https://foss4g-africa.org/en/home/>
Contact: nsif@drdlr.gov.za



02 – 07 July 2017

28th International Cartographic Conference

Venue: Washington, DC, USA
Website: <http://icc2017.org/>
Contact: info@icc2017.org Tel: +1 703-964-1240



25 - 26 July 2017

SA GeoTech 2017

Theme: Showcasing geospatial and measurement technologies for precision, planning and performance
Venue: Emperors Palace, Ekurhuleni, South Africa
Website: <http://www.sageotech.co.za/>
Contact: aimee.clarke@ee.co.za Tel: +27 -11-543-7000



21 - 23 August 2017

SA Geomatics Indaba 2017

A fully inclusive geomatics sector conference, exhibition and training event
Venue: Emperors Palace, Ekurhuleni, South Africa
Website: www.geomatics.org.za
Contact: lesley@cebisaconferences.co.za
Tel: +27-21-671-7670

18 – 20 September 2017

International Symposium on Place Names

Theme: Critical toponymy – Place names in political, historical and commercial landscapes
Venue: Windhoek, Namibia
Website: <http://www.ufs.ac.za/conferences/conference/2017-international-symposium-on-place-names>
Contact: kongresETFB@ufs.ac.za Tel: +27-51-401-2476



SOUTH AFRICAN SPATIAL DATA INFRASTRUCTURE - NEWSLETTER

The South African Spatial Data infrastructure (SASDI) newsletter is prepared for the Geo-spatial community by the Directorate: National Spatial Information Framework (NSIF). The purpose of the newsletter is to promote awareness of the activities of the Committee for Spatial Information (CSI) and provide useful information to strengthen SDI efforts.

WCSIF meeting held at Kirstenbosch, 7 March 2017

The Western Cape Spatial Information Forum (WCSIF) is an initiative of the Department of the Premier and Rural Development and Land Reform. The event, hosted by the South African National Biodiversity Institute (SANBI) and the City of Cape Town (CoCT) facilitated an interactive session on GIS challenges experienced in the work environment.

The forum was attended by more than 70 delegates representing: national and provincial government; 11 municipalities including the Municipal Manager from Bergrivier Municipality; and 3 tertiary institutions. Organs of State included Statistics SA, Cape Nature, Eskom and SANBI. The programme covered the following presentations:

- **Availability of water, the challenges and some solutions** - André Roux, Department of Agriculture, Western Cape Government
- **Geographical Information Struggles** – interactive table discussion
- **CSI Feedback** - Maroale (Mimi) Chauke, National Spatial Information Framework (NSIF), Department of Rural Development and Land Reform
- **Putting Geographic into GIS** - Brian Engel, National Geo-Spatial Information (NGI), Department of Rural Development and Land Reform
- **Pressures on Biodiversity: How they intensify fires and drought** - Kedibone Lamula, South African National Biodiversity Institute (SANBI)

The presentations may be downloaded from WCSIF website:
<https://www.westerncape.gov.za/general-publication/western-cape-spatial-information-forum>

Contact: Jacques.duPreez@westerncape.gov.za

Launch of the BioEnergy Atlas project, 24 March 2017

South Africa's BioEnergy Atlas project was launched by the Minister of Science and Technology on 24 March 2017. The BioEnergy Atlas for South Africa, funded by the Department of Science and Technology (DST), is a public resource aimed at supporting bioenergy development in South Africa. In her keynote address the minister highlighted that policies could not be made without data, and that it was the lack of data which had contributed to the lack of uptake of bioenergy in the country. She added that this web-based tool, supplemented by online and printed reports, would aid in attracting potential investors into the bioenergy sector and assist local and regional planners in identifying opportunities.

Source: <http://www.saeon.ac.za/enewsletter/archives/2017/april201>
The BioEnergy Atlas can be viewed at: <http://bea.dirisa.org/atlas/>

City of Johannesburg metadata capacity building, 08 March 2017

City of Johannesburg is keen to comply with SDI Implementation. In order to ensure all their departments can take responsibility for their own metadata they invited the NSIF and SAEON to present a capacity-building workshop in place of their monthly GIS User Group meeting on 08 March 2017. The workshop was attended by data managers from 10 different departments/entities.

In terms of the Spatial Data Infrastructure Act, 2003 section 12, data custodians must capture metadata for spatial information held by them. Metadata is published in the Electronic Metadata Catalogue so that all spatial data users can access this information to determine data availability and fitness for use for their specific requirements. Contact: nsif@drdlr.gov.za

United Nations World Data Forum, 15 – 18 January 2017

Statistics South Africa hosted the first United Nations World Data Forum held in Cape Town from 15 – 18 January 2017. The purpose of the forum was to discuss how data can be harnessed to implement the 17 Sustainable Development Goals (SDG) and achieve the 2030 SDG vision. The event was organised under 6 themes:

- New approaches to capacity development for better data
- Innovations and synergies across different data ecosystems
- Leaving no one behind
- Understanding the world through data
- Data principles and governance
- The way forward: A Global Action Plan for data

Delegates discussed challenges and opportunities and explored innovative ways to apply data and statistics to measure progress and inform evidence-based policy decisions on the 2030 Agenda for Sustainable Development. At the conclusion of the event, the Global Action Plan for Sustainable Development Data was launched. Implementation of the Plan will be evaluated at the second UN World Data Forum, which will convene in Dubai, United Arab Emirates, at the end

SASDI Electronic Metadata Catalogue (EMC)

Has your organisation published metadata on the SASDI Electronic Metadata Catalogue (EMC)? The EMC provides a platform for sharing spatial data information that enables other spatial data users to discover the availability and fitness for use of spatial data.

The EMC can be accessed at: <http://www.sasdi.net/>