

SAVE THE DATE for a Week in KENYA !

6th GEOGLAM RAPP & SDG workshop (MON-TUE)

+ a regional Open Data Cube workshop (WED-FRI)

Locally hosted in Nairobi, and supported by

ILRI (International Livestock Research Institute)
for the GEOGLAM RAPP & SDG Workshop
Government of Kenya & Strathmore Business School
for the Open Data Cube Workshop



Cattle grazing on Brachiaria grass at the ILRI campus in Nairobi, Kenya
(credit: ILRI/Collins Mutai)

WHY THESE JOINT MEETINGS ?

GEOGLAM RAPP (Rangeland And Pasture Productivity), co-led by CSIRO and SANSA, is a global initiative under GEO, the inter-governmental Group on Earth Observations. As a sub-component of the Global Agricultural Monitoring Initiative (GEOGLAM) flagship, RAPP aims to provide the means to globally monitor the condition of the rangelands and pasture lands on a routine basis, and assess their capacity to sustainably produce animal protein in real-time, at global, regional and national levels, using Earth observation (EO) data. => **Bring the community together with other end-users (food security and SDG) and reaffirm the community's involvement, review progress and development of the Global Monitoring system RAPP Map, discuss product requirements for rangeland and pasture monitoring (e.g. biomass) to be supported by the ODC.** Organized by ILRI/CSIRO/SANSA

SDG (Sustainable Development Goals, or the United Nations 2030 Agenda for Sustainable Development): In 2015, countries adopted a set of goals to end poverty, protect our planet and ensure prosperity for all as part of a new sustainable development agenda. Since Earth observations can play a key role in supporting this process, GEO created the 'Earth Observations in Service of the 2030 Agenda for Sustainable Development (EO4SDG)' initiative to enable and extend uses of EO and geospatial data to advance the Agenda and enable societal benefits through achievement of the SDGs. => **SDG 2 (Zero Hunger) and SDG 15 (Life on Land) will be specifically addressed with key African and global stakeholders, including national statistical offices and line ministries, academic institutions, private sector, non-government agencies.** Organized by GEO & other partners (ILRI, FAO, GPSDD)

ODC (Open Data Cube): The initiative seeks to increase the value and impact of global EO satellite data by providing an open and freely accessible exploitation architecture and to foster a community to develop, sustain, and grow the technology and the breadth and depth of its applications for societal benefit. => **5 African pilot countries & others interested will learn how to use the ODC to analyze EO information and improve their data management, with case studies on food security & land use management.** Organized by the CEOS (Committee on Earth Observation Satellites) SEO (Systems of Engineering Office), the Global Partnership for Sustainable Data (GPSDD), the Office of the Deputy President and NACOSTI (National Commission on Science, Technology and Innovation) and Strathmore Business School.

MAIN CONTACTS

RAPP: Francesco Fava (ILRI, F.Fava@cgiar.org), Flora Kerblat & Juan P. Guerschman (CSIRO, flora.kerblat@csiro.au & juan.guerschman@csiro.au), Clement Adjorlolo (SANSA, cadjorlolo@sansa.org.za);

SDG: Argyro Kavvada (EO4SDG/NASA, argyro.kavvada@nasa.gov);

ODC: Brian Killough (CEOS SEO/NASA, brian.d.killough@nasa.gov), Aditya Agrawal (GPSDD, aagrawal@data4sdgs.org)

- ◆ Earth observation (EO) data applications
- ◆ 2 Workshops on
 - Rangeland & Pasture Productivity (RAPP), and SDG & key indicators on food security & sustainable land use;
 - EO data infrastructure analysis (Open Data Cube in Africa)

7-11 May 2018

NB: a field trip for RAPP might be organized on Sunday 6th (TBC)

VENUES

ILRI (RAPP & SDG):
30709 Naivasha Rd, Nairobi, Kenya
Strathmore University (ODC)



RESEARCH PROGRAM ON Livestock



Global Partnership for Sustainable Data



Food and Agriculture Organization of the United Nations



Strathmore Business School

Geo-rapp.org
Eo4sdg.org
Opendatacube.org

Logistics details (agenda, accommodation & transport advice) will be communicated to the invitees later