

AARSE 2010
**8th International Conference of the African Association
of Remote Sensing and the Environment (AARSE)**

2nd Circular

www.aarse2010.org

**Abstract submission deadline
extended to 30 May 2010**

AARSE 2010 is on Earth Observation for Africa's Development Agenda

The conference will be held in Addis Ababa, Ethiopia, at the United Nations Conference Centre (UNCC) at the Headquarters of the United Nations Economic Commission for Africa (UNECA) from **25 to 29 October 2010**.

It will be a major event in the African and international community of geo-spatial information science in 2010, organized by the African Association of Remote Sensing of the Environment (AARSE), the ICT, Science and Technology Division (ISTD) of the United Nations Economic Commission for Africa (UNECA), the Ethiopian Mapping Agency (EMA) and the GIS Society of Ethiopia (GSSE).

AARSE 2010 will bring together scholars and professionals from the African and international community to present latest achievements, discuss challenges and share experience.

Objectives

- Highlight requirements of major environmental applications using EO
- Provide a forum for an African EO data production scheme in answering issues related to data availability and access for applications in Africa
- Allow cross fertilisation of ideas for research cooperation between African institutions and partners worldwide
- Present new EO applications for sustainable management of resources
- Strengthen the emergence of an African EO Sector.

The conference program will feature keynote speeches delivered by leading scholars, technical sessions with reports on the latest research outcomes, discussion sessions on operational topics, dedicated workshops as well as partner exhibitions showing latest products and services in remote sensing and GISc technologies.

Sub-Themes

- **Food and Water Security** - Mapping production zones, Yield forecast, Agricultural and pastoral systems, Assessing water resources in Africa, Surface water body monitoring, Seasonal hydrological characteristics assessment, Flood forecasting –
- **Energy Resources** - Assessment of energy demand and supply, Spatial analysis of potential renewable energy resources, Biomass energy modelling, Water, solar, wind and biomass as decentralised local energy resources, Bio-fuels/-energy and food security, Energy production and conservation, Policy-relevant information for decentralized sustainable energy resources in Africa -
- **Disaster Risk Reduction** - Risk assessment for sustainable development, Provision of geo-information on hazards and risks, Disaster risk reduction in national policy, Strengthening community level capacities to

reduce disaster risks, Disaster mitigation, Vulnerability to compounded disasters, Predicting vulnerability to urbanization and to climate change –

- **Marine and Coastal Management** - African coastal resources & sustainable development, Marine ecosystems, Coastal, marine and oceanography resources management, Assimilation, modelling and forecasting: towards ocean and coastal products and services in Africa, Quantitative indicators of risk and resilience of coastal populations, Impacts of coastal inundation on coastal ecosystems, Monitoring and modelling coastal lagoons -

Other Topics

- Capacity-building: achievement and challenges
- Spatial Data Infrastructure, SDI
- Space Policy in Africa
- National and regional programs and projects
- Products

Important dates

Abstract Submission	30 May 2010
Acceptance Notification	30 June 2010
Final paper submission	01 September 2010

Important contact addresses

Conference Management and		Aida Opoku-Mensah	AOpoku-Mensah@uneca.org
Partnership Conference Secretariat	<i>For all enquiries</i>	Andre Nonguierma	ANonguierma@uneca.org
Scientific Committee	<i>For Abstracts, Papers & Workshops</i>	AARSE Secretary General Jide Kufonyi	jide.kufonyi@aarse-africa.org
Exhibitions Committee	<i>Exhibitions</i>	Girma Dessalegn	gdessalegn@uneca.org

For detailed information on abstracts, papers and exhibition check the download documents (Call for Paper and Paper Kit, Exhibition Manual including registration and request forms) at the conference website www.aarse2010.org.

Co-Sponsors

Local and international co-sponsors are invited to participate in the conference. Contributions are acknowledged by a variety of benefits. Please contact the AARSE President Tsehaie Woldai tsehaie.woldai@aarse-africa.org or woldai@itc.nl and visit the website www.aarse2010.org for details.

Registration Fees

	<i>Until July 31, 2010</i>	<i>After July 31, 2010</i>
Regular Fee	US\$ 250	US\$ 300
Accompany Persons	US\$ 150	US\$ 200
Students	US\$ 100	US\$ 125
AARSE/IEEE-GRSS /EIS-Africa Members	US\$ 200	US\$ 250

Please visit the website www.aarse2010.org for registration forms and payment details.