

Going forward

EAMNet continues to:

- » Provide the best quality satellite data products to Africa, complementing European initiatives within the Copernicus (formerly GMES: Global Monitoring for Environment and Security) programme.
- » Increase the number of African scientists working in the field of EO and remote sensing by delivering valuable training through at least three African universities.
- » Provide self-learning materials and other free resources through the EAMNet website so even more people can learn the techniques and continue to grow the field of Earth Observation across Africa.
- » Maintain the network by disseminating news and ensuring continued communication.
- » Facilitate an alumni forum of students and fellows.
- » Support and inform the development projects to improve environmental monitoring capabilities in Africa.

EAMNet will continue to deliver EO data products to Africa, provide training so that more scientists can use the data for their research, and ensure strong communication within the network.

EAMNet will continue to seek opportunities and funding to widen its network and provide further training, fellowships and infrastructure development in order to continue to build on the capacity and capabilities of its partners as well as future collaborators.

Crucially, we hope to maintain the network that EAMNet has developed and to continue the momentum that the project has achieved. This will help to ensure the network is ready to respond to future developments and opportunities.



Kwame Adu Agyekum (University of Ghana) during his fellowship at Plymouth Marine Laboratory

Key Network Members

UK	Plymouth Marine Laboratory (coordinator) National Oceanography Centre
Benin	University of Abomey-Calavi, Benin
Côte d'Ivoire	Centre Universitaire de Recherche et d'Application en Télédétection
Denmark	Danish Meteorological Institute
Egypt	National Institute of Oceanography and Fisheries
France	Météo-France - Centre de Météorologie Spatiale
Germany	European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT)
Ghana	University of Ghana
Mozambique	Eduardo Mondlane University
Portugal	Institute of Marine Research
Sénégal	Institut Sénégalais de Recherches Agricoles
South Africa	Council for Scientific and Industrial Research University of Cape Town
Tanzania	Institute of Marine Sciences, University of Dar-es-Salaam
Uganda	Makerere University

Get Involved

To find out more about the project and its partners please visit our website at <http://www.eamnet.eu> where you can also join the network and receive newsletters and updates by registering for the mailing list available in the side menu bar.

Funding and Support

EAMNet received funding from the European Community's Seventh Framework Programme (FP7-SPACE-2009-1) under Grant Agreement No. 242379 for the project Europe Africa Marine Network (EAMNet)

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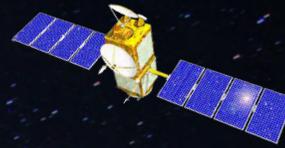
*Europe-Africa Marine Earth
Observation Network*





EAMNet

Europe-Africa Marine Earth Observation Network

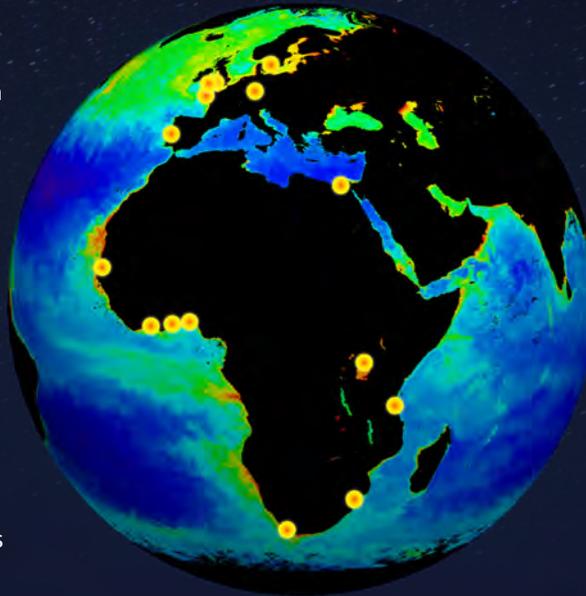


Achievements

EAMNet is a collaborative network linking Earth Observation (EO) information providers, user networks and centres of excellence in Europe and Africa in the area of coastal and marine observations to help support sustainable development in Africa.

An initial three year project, part-funded by the European Commission, established the fundamental structure of the network and facilitated the implementation of training and infrastructure development. As a result EAMNet has so far:

- » Improved infrastructure and capability in training and experience.
- » Developed a network of marine institutes in Europe and Africa, which has enhanced bi-lateral research and unlocked significant opportunities for joint-working.
- » Installed five operational GEONETCast systems in Egypt, Côte d'Ivoire, Benin, Uganda and Mozambique providing access to satellite data to scientific research institutes that plan to use this information to better manage their marine and coastal areas as well as Lake Victoria (Uganda).
- » Supported African initiatives to improve environmental management and sustainability across the continent such as the AMESD and MESA programmes.
- » Shared best practice through exchanges of personnel in Africa and Europe.



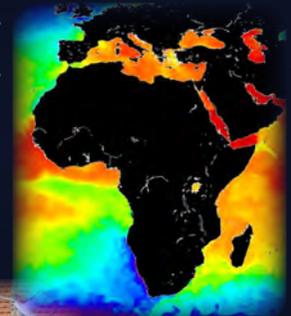
- » Established an EO Masters of Science (MSc) module at the Universities of Cape Town, Dar-es-Salaam and Ghana, as well as other universities, so that students can learn the skills and techniques to download, interpret and analyse EO data.
- » Developed open access lesson material that can be used for self-learning.
- » Established a regular marine science presence at African Association for Remote Sensing of the Environment (AARSE) conferences supporting African marine scientists and stakeholders to share best practice, participate in open discussions and develop future collaborations.
- » Supported the running of four regional training courses in Africa (South Africa, Ghana, Tanzania and Morocco), with focus to build capacity in Africa on the usage of coastal and marine EO satellite data.

Impacts

EAMNet has impacted at a number of levels and for a number of programmes, including:

- » Directly on individual scientists, universities, training institutes and professional bodies.
- » The aims of the EC Framework 7 Programme SPACE call.
- » GMES and Africa Marine and Coastal Areas and in the Capacity-Building Framework.
- » The AMESD and MESA programmes supported by the European Development Fund (EDF).
- » The Joint Africa EU Strategy Africa Action Plans (2008–2010 and 2011–2013).
- » African marine and coastal management agencies.
- » The GOOS Africa Regional Ocean Observing and Forecasting System (ROOFS).
- » The Group for Earth Observations through its contribution towards development of the Global Earth Observation (GEO) System of Systems via GOOS Africa. It will also impact on most of the GEO societal benefit areas.

Sea surface temperature in African waters



Satellite receiving dish at University of Makerere, Uganda

