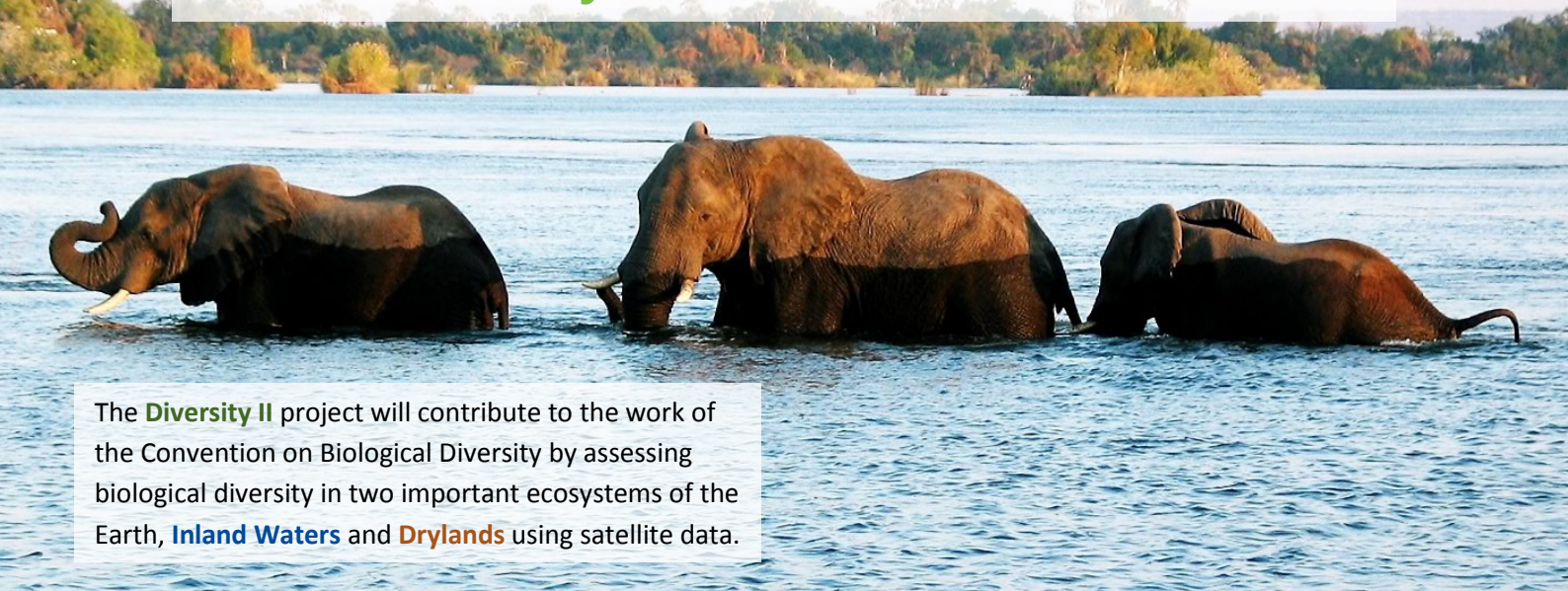


Diversity II Newsletter Issue 2



The **Diversity II** project will contribute to the work of the Convention on Biological Diversity by assessing biological diversity in two important ecosystems of the Earth, **Inland Waters** and **Drylands** using satellite data.

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News

Upcoming User Consultation meeting 26 of June in Stockholm

It will be attended by Biodiversity and Earth Observation user communities in order to review prototype products, technical specifications and a quality report.

System Requirements Review 2 meeting in Innsbruck, April 2013

The objectives of the meeting were the finalization and approval of the Requirements Baseline document, discussions regarding the Technical Specifications and the Products Quality Report and to prepare the User Consultation meeting.

Diversity II in GEO Water Quality Webinar, February 2013

This presentation, "Diversity II - Inland Lakes", was given by Carsten Brockmann & Daniel Odermatt (Brockman Consult) preceded by a short GEO introduction by Steven Greb (see http://www.earthobservations.org/webinar_wq.shtml).

System Requirements Review meeting in Stirling, December 2012

One objective of the meeting was the review and approval of the scientifically proved Algorithm Theoretic Baseline document. Another objective was to give guidance to the consolidation of the Requirements Baseline document in order to verify that the user requirements and the best available retrieval algorithms constitute a good and solid foundation for the system engineering.

Calendar

The first phase of the project is characterized by analysis of user requirements and algorithm state of the art, prototyping and algorithm validation.

- *Sept. 2012: Kick-off*
- *Oct. 2012: COP 11 in Hyderabad, India*
- *Dec. 2012: Globolakes Workshop*
- *Dec. 2012: System Requirements Review*
- *April 2013: System Requirements Review 2*
- June 2013: User Consultation meeting

In the second phase a data set comprising 10 years of ENVISAT data and including MERIS FR, AATSR, ASAR and RA data will be processed to biodiversity indicators and validated together with users.

- June 2013: Preliminary Design Review
- Autumn 2013: Critical Design Review
- Oct. 2013: Qualification and Acceptance Review
- Late 2013: User Consultation meeting 2
- Jan. 2014: Service Demonstration Review
- Aug. 2014: Final Review

Diversity II demonstration sites

The final selection of the Diversity II demonstration sites will include 300 large perennial inland waters globally distributed around the world (i.e. most natural lakes and water reservoirs with a size over 500 km² and some natural lakes of biodiversity importance over 100 km²) and over 20 dryland areas with a total surface of 10 million km².

Inland Water test sites

The "Inland Water" retrieval algorithms will be validated at the Critical Design Review on the 10 test sites (blue circles in the figure below) which have been selected for the quality of their lake monitoring programs and because they are representative of the diversity in lake water conditions.

Dryland test sites

The "Drylands" retrieval algorithms will on the 5 test sites (brown areas in the figure below) which have been selected for their representativeness of the drylands biodiversity, principally but not exclusively selected amongst the WWF ecoregions, and for the availability of in-situ observations.

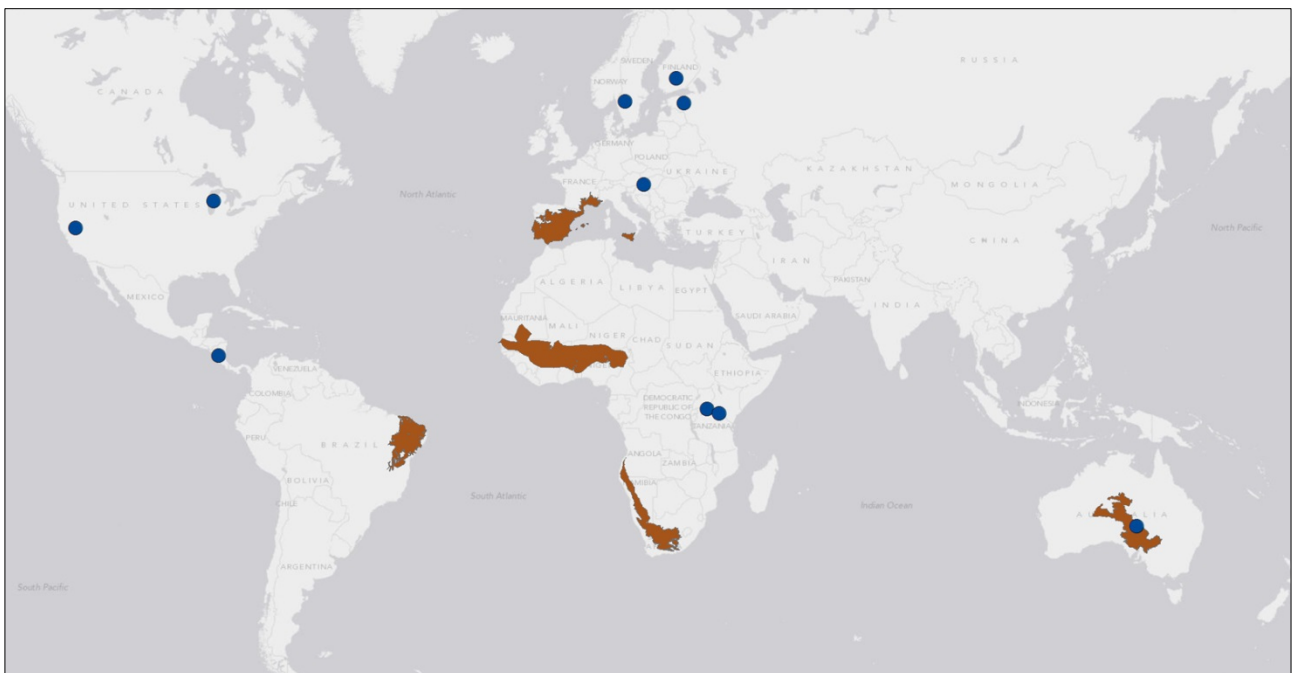


Fig. Inland Water test sites (blue circles) and Dryland test sites (brown areas).

Please visit the project website for more information, <http://www.diversity2.info>



Diversity II is an ESA Data User Element Project

Contact

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