



## Editorial

There is so much happening at the moment it is difficult to know where to start!. I am writing this editorial on the eve of travelling to Washington to present to the *World Bank on what EO service providers can offer to support WB activities*. It promises to be a very interesting trip during which I shall also meet with the Alliance for Earth Observation (the US closest equivalent of EARSC) and several US companies. I shall be looking out for where there may be opportunities for European EO service companies and also if there is a useful role that EARSC can play in bringing them to the attention of the World Bank.

[Keep reading...](#)

## Summary

## Issue 25 Spring 2011

### ▶ EARSC Activities

[EARSC promotional booklet](#)

### [EARSC welcomes two new members!](#)

Following a Membership Campaign, the EARSC Board is glad to welcome two New Companies in our Association: CLS and ScanEX

### [Exploiting GMES Operational Services](#)

EARSC Position Paper March 2011

### ▶ Interview

### [Interview with David Stevens, Programme Coordinator UN-SPIDER](#)

In this issue of EOMAG, EARSC had the opportunity to discuss with Mr. David Stevens, United Nations Platform for Space-base Information for Disaster Management and Emergency Response (UNSPIDER) Programme Coordinator.

### ▶ Industry Profile

### [ANSUR: EO in Situational Awareness with real-time ASIGN in-situ integration](#)

The geo-referenced in-situ component of EO can be a powerful enabler for remote sensing. It can help verify EO data, complement observations, improve resolution and calibrate remote sensing. Geo-referenced photos, video and sensors are relevant in-situ sensors, and they can be on the ground or flown at low altitude using for example microdrones. In-situ observations can identify the need for

further remote sensing data or vice versa. However, a common challenge with in-situ is the availability of it – and specifically the rapid availability of it. The latter is due partly to communication challenges in remote regions, or in general for situational awareness.

## Member News

### [2011-02 - GIM has achieved ISO 9001:2008 certification!](#)

With this certificate, GIM puts emphasis on customer satisfaction, quality and continuous improvement in our company.

### [Aerodata International surveys](#)

Recent news

### [Astrium Services News](#)

TerraSAR-X Data available following Japan Earthquake / Astrium recognised for its pioneering work in the commercialisation of radar imagery / Marine and coastal geospatial data now available to download from Geostore ...

### [Brockmann Consult to be presented on the ESA-MOST dragon cooperation programme](#)

Spring Bloom Kattegat, ESA-MOST dragon cooperation programme, ESOV-NG...

### [Co-seismic interferogram of Japanese earthquake](#)

TRE, analysis to extract ground displacement over the area affected by the Japanese earthquake

### [DEIMOS-1 Toolkit for ENVI](#)

ITT has released a new ENVI toolkit for DEIMOS-1 satellite.

### [DMCii introduces first annual high resolution Africa satellite coverage](#)

An unparalleled collection of high-resolution satellite imagery covering sub-Saharan Africa in a single season is now available in the DMCii image archive, providing an invaluable snapshot of more than 40 countries, including Cameroon, Congo, and Ethiopia for assessing phenomena such as deforestation, urbanisation and desertification.

### [DMCii signs exclusive NigeriaSat-2 satellite imaging deal with NASRDA.](#)

(Guildford, 10th February 2011) Remote sensing solutions provider DMCii has signed an exclusive agreement with the Nigerian Space Agency (NASRDA) to distribute imagery from the two new earth observation satellites NigeriaSat-2 & NigeriaSat-X that are awaiting launch.

## [e-geos News](#)

COSMO-SkyMed images and maps of the earthquake and tsunami in Japan, e-GEOS provides maps and updated data of Libya, GeoEye-1 Imagery of Cairo...

## [ERDAS 2011 world tour goes to Italy](#)

ERDAS will co-host a series of 11 World Tour events with distributor Planetek Italia in March and April.

## [ESA signs Miravi upgrade contract](#)

(Chelys) ESA has signed the Miravi upgrade contract

## [EUROSENSE kicks-off two new FP7 projects: MALAREO & REDDINESS](#)

Two new FP7 projects lead by EUROSENSE, Malareo and Reddiness, have started in February 2011. Both have a duration of two years and are dedicated to the international cooperation between several European and African partners.

## [Fugro NPA RapidEye's First Distributor in the UK](#)

(March 2011) RapidEye, the only geospatial solutions provider to own and operate a constellation of five identical Earth Observation satellites, announced today that Fugro NPA Ltd. has signed an agreement with RapidEye to be its first reseller in the UK covering the areas of Britain and Ireland.

## [GAF AG News](#)

Multi-layer Natural Resources and Land Use Database and Map for Darfur / obsAIRve

## [Geo-services in Industrial Crisis Prevention](#)

Presentation of WALPHOT at the International Conference "Data flow from space to earth: application and interoperability" in Venice on this 23rd of March. Paper untitled "GEO-SERVICES USING EARTH OBSERVATION (EO) AND ANCILLARY DATA IN PREVENTION OF SEVESO DIRECTIVE: 3WSA PROJECT (Wallonia World Wide Space Applications)".

## [Gisat news](#)

Gisat operational snow monitoring in the Czech Republic, Gisat involvement in GRAAL.

## [Grace consolidates presence and knowledge in the Balkans](#)

Grace Ltd successfully completes a survey dedicated to the Earth Observation market on the Southeastern Europe – the Balkans area.

## [Kongsberg Spacetec AS newsletter](#)

We are proud to present our first issue of Kongsberg Spacetec newsletter.

## [Lantmäteriet's Metria division corporatized](#)

Swedish Parliament has today decided to transfer the operations currently conducted by the Metria division of Lantmäteriet to the wholly State-owned company Metria AB on 1 May 2011.

## [National flooding exercise hones use of satellites to improve disaster mitigation](#)

(Guildford, 15th March 2011) A team of space experts led by British company DMCii participated in a national flooding exercise, "Exercise Watermark", to determine how satellite imagery, satellite communications and satellite navigation could be used to improve UK emergency response.

## [PCI news](#)

recent news

## [RapidEye latest news](#)

News from February, March and April 2011...

## [ReSAC: HELM project & COSMOS](#)

## [ScanEX March News](#)

## [SEOCA project Conference, Tashkent, Uzbekistan, April 2011](#)

(April 3, 2011) Aratos participation: The FP7 Environment project "GEO Capacity Building Initiative in Central Asia" (SEOCA) organized the project Federated Conference comprising the following events:

## [SERTIT rapid mapping team supporting Japan emergency rescuing action](#)

## [Spacemetric at European day for border guards](#)

## [SPOTMAPS Saudi Arabia Now Available](#)

Toulouse – April 7, 2011 – Astrium GEO-Information Services (formerly Spot Image) is pleased to announce the release of one of our latest SPOTMAPS coverage, SPOTMAPS Saudi Arabia.

The European INSPIRE Geoportals awarded to

## [Planetek Italia](#)

INSPIRE-GEOPORTAL

## [VITO News](#)

VITO recent news on APEX, ESA's first airborne imaging spectrometer and E-farming

## [When Disaster Strikes](#)

(RapidEye) As a remote sensing company, we can only hope that through the technology we have access to, we can reduce the complexity of the situation for the people on the ground in Japan and elsewhere.

## [Earth Observation News](#)

### [\(Event\) Insights from the international geospatial community](#)

Interviews from the 2010 Geospatial Conference in Vienna with Geospatial experts who have attended the conference.

### [\(Event\) International Symposium on Environmental Protection and Planning](#)

28-29 June, Izmir, Turkey

### [\(Event\) Middle East Geospatial Summit, 13th - 15th September 2011, Doha, Qatar](#)

Fleming Gulf, the leading provider of specialist information and services for the academic and scientific, professional and commercial business communities globally, is delighted to announce a new addition to our Geospatial event portfolio, the launch of our Middle East Geospatial Summit.

### [\(International - US\) Spatial Law and Policy Update](#)

(April 8, 2011)

### [\(International\) Enhanced Transatlantic Research Collaboration](#)

(WASHINGTON, Feb. 18, 2011) The US National Oceanic and Atmospheric Administration (NOAA) and the European Commission's Joint Research Centre (JRC) have agreed to formally explore strengthening their cooperation in areas of common interest.

### [\(International\) Fugro Awarded NOAA Coastal Geospatial Services Contract](#)

(6 April 2011) Fugro announced today that it has signed a 5-year contract with the National Oceanic and Atmospheric Administration's (NOAA) Coastal Services Center (CSC) for geospatial services to support coastal resources management in all US continental, Caribbean and Pacific territories.

### [\(International\) GEO Announces Call for Participation in GEOSS Pilot With OGC Leadership](#)

WAYLAND, MA—(Marketwire – April 7, 2011) – The Group on Earth Observations (GEO) has announced a Call for Participation (CFP) in the 4th phase of the GEOSS Architecture Implementation Pilot (AIP-4).

### [\(International\) GEO News \(Issue #13, 21 March 2011\)](#)

from GEO Group

### [\(International\) ISRSE34 is underway](#)

The 34th International Symposium on Remote Sensing of Environment is happening this week in Sydney.

### [\(International\) NASA Satellites Detect Extensive Drought Impact On Amazon Forests](#)

(March 31st, 2011) A new NASA-funded study has revealed widespread reductions in the greenness of Amazon forests caused by last year's record-breaking drought.

### [\(International\) OGC Announces International Earth Observation Satellite Tasking Standard](#)

(April 2011) The Open Geospatial Consortium (OGC®) membership has approved the Sensor Planning Service (SPS) Interface Standard 2.0 Earth Observation Satellite Tasking Extension standard as an official OGC standard.

### [\(International\) SeaWiFS' Thirteen Years Of Observing Our Home Planet](#)

SeaWiFS – Sea-viewing Wide Field-of-view-Sensor –

### [Earth's gravity revealed in unprecedented detail](#)

### [Emirates Institution for Advanced Science and Technology details progress of space programme at Small Satellites Symposium in Berlin](#)

The Emirates Institution for Advanced Science and Technology (EIAST) participated in the IAA Symposium on Small Satellites for Earth Observation held in Berlin (Germany), presenting the advances made by the UAE in space and satellite systems since the launch of DubaiSat-1 in 2009.

### [ERSOS - Master on Earth Observation](#)

Earth Remote Sensing and Observation Systems

### [ESA delivers new land data maps for Europe and Africa](#)

## [ESA Project Reveals New Insight Into Complexities Of Snow](#)

(23 March 2011) An ESA project has recently demonstrated that new ways of processing satellite data can show how different properties of snow can be observed from space.

## [ESA's sharp eyes on coastal waters](#)

Our growing reliance on coastal waters for food, trade and tourism means that these delicate ecosystems need to be more closely monitored to guarantee their future sustainability.

## [EUMETSAT Members approve Meteosat Third Generation programme](#)

## [Europe to target space hazards](#)

Europe must, as a matter of priority, establish a space situational awareness system to monitor orbiting debris, solar radiation and asteroids, according to a "reinforced" space policy set out by the European Commission.

## [Europe's Data-relay Satellite System Moves Ahead](#)

COLORADO SPRINGS, Colo. — Europe's future data-relay satellite system to speed Earth observation imagery to users took a concrete step toward realization on April 13 when system manager Astrium Services formalized an initial contract with satellite builder OHB Technology, Bremen, Germany-based OHB announced.

## [EUROSPACE position paper on industrial policy](#)

TOWARD A EUROPEAN SPACE-SPECIFIC INDUSTRIAL POLICY food for thought paper from the European space industry

## [ITRE Committee published a Report on the EU Industrial Policy](#)

## [Managing Disasters Tests Geospatial Technologies](#)

GIS and allied technologies help in planning for, monitoring and responding to disasters, as well as in effecting reconstruction, from aerial and ground surveys, to spatial analysis for planning community rebuilding or even relocation in extreme cases.

## [Marine and coastal geospatial data now available to download from \[www.geostore.com\]\(http://www.geostore.com\)](#)

Leicester – 8th March 2011: Astrium GEO-Information Services has introduced new marine and coastal geospatial data that is now downloadable from its

### [Measuring carbon from space](#)

(April 2011) Understanding changes in the global atmospheric concentration of carbon dioxide (CO<sub>2</sub>) is as much a political imperative as a scientific one. But are these demands realistic with the instruments available?

### [Multi-disciplinary Earth Observation systems and applications](#)

The Journal of Selected Topics in Applied Earth Observations and Remote Sensing (IEEE J-STARS) is looking for papers for a special issue on "Interoperability architectures and arrangements for multi-disciplinary Earth Observation systems and applications".

### [Satellite images could aid long-term disaster recovery](#)

Satellite images could be used to track and quantify long-term recovery efforts in regions stricken by natural disasters.

### [Space know-how 'can help predict' natural disasters](#)

(April 2011) Space technology and exploration could be used to help mitigate loss of life and damage caused by natural disasters, a conference in Brussels was told.

### [SPOT satellites celebrate 25 years in service](#)

SPOT 1, launched in 1986, was designed to observe cities, roads, farmlands, natural disasters and other features on Earth's surface. The first major evolution came with SPOT 4, launched in 1998 helping foresters and farmers to assess and better manage forest and crop health. The second major evolution came in 2002 with SPOT 5, which acquires Earth imagery at a resolution of 2.5 m., a key advantage for close observation of vast territories.

### [SWIFT E-News](#)

(n° 16 – 6th April 2011). This E-News is published by the SWIFT project whose aim is to support information dissemination in the framework of the European Commission GMES initiative.

SWIFT is a Coordination and Support Action funded by the European Commission / Directorate General Enterprise and Industry under the 7th Framework Programme.

### [UK Space Agency formally launched](#)

The UK Space Agency has officially become an executive agency of the Department for Business, Innovation and Skills, with an annual budget of £240million.

### [University-based network of Space Monitoring Centers: establishment pre-condition and the outlook](#)

Significant social and economic changes take place nowadays in the modern society. Those changes are first of all connected to rampant development of knowledge-intensive production. The key success factor for establishment of "new economy" is proactive adoption of new ideas, systems and technologies, readiness to promptly realize scientific developments into production. This provides for necessity of constant personnel reeducation and sets out new requirements to levels of specialist training. New requirements arise with regard to the processes of integrating science, education and business.

### [Value of Sentinels to science highlighted](#)

The Sentinel satellites that are being developed to yield data for information services through Europe's GMES programme also have great potential to advance our understanding of Earth.

### [« Un autre regard sur la Terre » : using social networks to raise the awareness of earth observation](#)

Discover the Earth observation satellites and their applications for environment and security of the citizens.

## Programmes

### [A new space policy for Europe: Independence, competitiveness and citizen's quality of life](#)

Improving the safety and daily lives of European citizens thanks to radio navigation, guiding tractors by satellite for high-yield crops, optimizing response to humanitarian crisis... This is not science fiction but just a few examples of innovations related to space technologies developed today.

### [Call for Proposals \(LIFE+\)](#)

### [EU Space Strategy](#)

(4 April 2011) A new space policy for Europe: Independence, competitiveness and citizen's quality of life

### [GMES, the second flagship](#)

The Europe & Space Series #3, March 2011

### [Implementation of the INSPIRE Directive](#)

### [New videos present the GMES programme](#)

In the context of SWIFT, a project coordinated by FDC and funded by the European Commission, FDC has supervised the production of 6 videos presenting the GMES (Global Monitoring for Environment and Security) programme and its different services, dedicated respectively to the monitoring of the Earth's subsystems (land, oceans, atmosphere), to the monitoring of climate change and to emergency management.

### [Update of the Technical Guidelines for Discovery and View Services](#)

On 30 March 2011, the INSPIRE Initial Operating capability Task Force (IOC TF) updated the Technical Guidelines for Discovery and View Services and approved version 3.0 as a stable version of these documents (which contains significant changes with regard to the previous ones).

### [Value Of Sentinels To Science Highlighted](#)

The Sentinel satellites that are being developed to yield data for information services through Europe's GMES program also have great potential to advance our understanding of Earth. Scientists gathered recently to discuss how to get the most out of these missions.

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## [Events](#)

### [Events Spring 2011](#)

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