



EARSC CERTIFICATION SCHEME

Editorial

The summer has arrived in Europe and everyone is taking off for their summer holidays. Before they leave EARSC has its [annual general assembly](#) which was quite a busy event this year. Last year was our 25th anniversary and we held a party on the evening before which proved so popular that we repeated it this year and which now feels like an annual event! Amazing how fast traditions can take hold. It was enjoyed by all and we were delighted to welcome Mme Iskra Mihaylova as our distinguished guest. Mme Mihaylova is a MEP from Bulgaria and Chair of the Regional Committee (REGIO) in the Parliament. Given the importance of regions in the Copernicus programme we shall certainly be seeking her opinion on future activities.

[Keep reading...](#)

Summary

Issue 42 Summer 2015

EARSC Activities

[EARSC Certification Scheme launched during the General Assembly 2015](#)

We are pleased to announce the launch of the EARSC Certification scheme designed to help companies achieve management certification specifically adapted to the EO services industry.

[EARSC views on European Geospatial services: Developing the Private Sector Capability](#)

© Geoff Sawyer Blog: We have been claiming for some time that it is essential to develop a formal dialogue between the industry and key decision makers; particularly those in the European Commission but also with ESA and Member States. Up to now, industry views have only been provided

through specific meetings, corridor talk and only in an informal fashion.

[EARSC workshop Report : Procuring Copernicus Services – a public-private effort-](#)

(17th June 2015, Brussels). Each year, EARSC organizes a workshop alongside its General assembly meeting. As the association published several position papers and made numerous presentations explaining its concern about adequate industrial participation in the supply of Copernicus services, this year's workshop focused on "*Working together on Copernicus*".

[GAF AG selected by EARSC as the European Earth Observation Company of the Year](#)

GAF AG has been presented with the EARSC Company Achievement Award during the occasion of the pre General Assembly cocktail, held on 16th June in Brussels.

Interview

[Interview Alain Ratier, EUMETSAT Director-General](#)

Industry Profile

[Improved decision-making through satellite derived geo-information](#)

[Globesar AS](#) is a Norwegian remote sensing company, providing mapping and monitoring solutions to clients worldwide. The company's aim is to provide new and better geospatial data to facilitate decision making across industries. By collaborating with leading research institutions in their field, the company offers high quality services using the latest technology available.

Member News

[25th of May, 2015 - After a massive oil spill, oil patterns detected from space in the waters off Refugio State Beach \(Santa Barbara, California\).](#)

e-GEOS provided oil reports, based on satellite RADAR data from COSMO-SkyMed constellation, which identified and measured the oil slicks at sea, less than ten hours after the oil pollution at sea was published on the news.

[Airbus Defence and Space and Spectrum conduct a joint analysis of hydrocarbon potential in Ireland's Porcupine Basin](#)

(May 2015) Airbus Defence and Space and seismic multi-client acquisition and imaging specialist Spectrum Geo have launched a 2D seismic and seep study programme for the Porcupine Basin, just ahead of the Irish Licensing Round.

[Airbus Defence and Space: Successfully launched Sentinel-2A will provide colour vision of Earth](#)

Sentinel-2A is the first optical Earth observation satellite in the European Copernicus programme. On Tuesday, 23 June at 03:51:58 am CEST (22 June at 10:51:58 pm local time), a Vega launcher took off from the spaceport in Kourou, French Guiana, carrying the satellite developed and built under the industrial leadership of Airbus Defence and Space for the European Space Agency (ESA).

[Airbus Defense and Space and Hexagon Geospatial Partner to Provide Access to Data in Smart Applications](#)

(May 2015) Airbus Defense and Space and Hexagon Geospatial have partnered in a new content-sharing program that will enable end-users to have access to Earth Observation data and software through smart applications offered by Hexagon Geospatial.

[BlackBridge and EarthSTAR Bring RapidEye Imagery and Solutions to the People's Republic of China](#)

Berlin, June 2, 2015 — BlackBridge announced today that it has entered into a sole distribution agreement with EarthSTAR Inc. to provide RapidEye imagery and solutions in the People's Republic of China, including Hong Kong and Macau.

[BlackBridge to Provide RapidEye Satellite Imagery to The Climate Corporation for Precision Agriculture Services](#)

Arlington, VA, May 5, 2015 — BlackBridge announced today that it has entered into an agreement with The Climate Corporation to provide RapidEye imagery of the major agricultural areas across the U.S. for use in The Climate Corporation's products and services for farmers.

[Copernicus Masters: CLOUDEO - THE GOING LIVE CHALLENGE Test and realise your EO service](#)

(Oberpfaffenhofen, 29 June 2015) The CloudEO Going Live Challenge awards proposals for EO-related products and services that are ready to be tested and implemented with a prize package worth EUR 10,000

[Deadline extended until 20 July to enter European Space Imaging High-Res Urban Challenge](#)

European Space Imaging looks forward to giving this year's prize at the award ceremony in Berlin. It could be you walking away with the valuable package of commercial VHR satellite imagery worth up to 20,000 EUR to develop your solution.

[Deimos Space UK and MBRSC co-operate on DubaiSat & DEIMOS-2 image applications project](#)

Harwell, June 05 th 2015- Deimos Space UK Ltd and MBRSC (Mohammed Bin Rashid Space Centre) are pleased to announce that they plan to proceed with a project co-funded by MBRSC and the UK Space Agency's International Partnership Space Programme (IPSP).

[Elecnor Deimos participate in the implementation of the Sentinel-2 ESA mission](#)

(Madrid, 22 de junio de 2015) Elecnor Deimos, the technological arm of Elecnor Group, has played a major role in the implementation of the Sentinel-2 ESA mission.

[EOMAP provides shallow water bathymetry for the South China Sea](#)

(16 June 2015) EOMAP Asia Pacific today launch the most up-to-date and detailed data set for the islands in South China Sea, generated by groundbreaking Satellite Derived Bathymetry techniques.

[exactEarth and Harris Corporation Form Strategic Alliance to Provide Real-Time Global Maritime Tracking and Information Solutions](#)

Cambridge, ON – June 8 , 2015– exactEarth Ltd., the

leading provider of Satellite Automatic Identification System (AIS) data services and Harris Corporation (NYSE:HRS), a world leader in space, geospatial and remote sensing solutions, have formed an alliance to provide a new level of AIS data service that will deliver real-time global coverage for maritime vessel tracking.

[GAF AG Job Vacancies](#)

At the moment we are looking for a self-driven, results oriented and highly motivated senior professional with relevant work experience for our multidisciplinary team to support the organization, coordination and implementation of existing and upcoming Copernicus Land project activities in Europe.

[GISAT develops new concepts of continuous urban expansion monitoring for World Bank](#)

GISAT has been awarded by the ESA contract to explore the applicability of selected advanced image processing technologies for the use in continuous urban change monitoring.

[Here are the Cloud Heroes 2015](#)

(Munich / New York, 02 July 2015) What's really new and hot in cloud computing? Here is the answer from the expert jury of the 2nd Cloud Innovation World Cup. After an intense and exciting evaluation phase, more than 300 nominations were filtered to 24 finalist chosen by jury members.

[Joint analysis of hydrocarbon potential in Ireland's Porcupine Basin](#)

by Airbus Defence and Space and Spectrum. Airbus Defence and Space and seismic multi-client acquisition and imaging specialist Spectrum Geo have launched a 2D seismic and seep study programme for the Porcupine Basin, just ahead of the Irish Licensing Round.

[Latin America Earth Observation Data Market to exceed \\$350 million by 2024](#)

Paris, Washington D.C., Montreal, Yokohama, May 7, 2015 – According to Euroconsult's newly released report, Earth Observation Requirements & Solutions in Latin America, the Latin American Earth

observation market is undergoing significant expansion brought about by growing demand for Earth observation data and services, and governments' growing investment into the application to support this demand and help to develop national Earth observation industries. In this regard, the region is considered one of the most dynamic markets globally.

[Mikael Stern: new Spacemetric Group CEO](#)

Spacemetric announced early this year 2015 that the Board of Directors has appointed Mikael Stern as Group CEO and member of the Board of Directors effective immediately. Mikael was previously Senior Vice President Corporate Strategy at BlackBridge, Berlin, operators of the RapidEye constellation, and prior to this held a range of senior posts at SSC, Sweden, including several years General Manager, Satellite Management Services.

[Nepal quake: RMT maps also reveal devastating ground deformation](#)

After the co-seismic interferogram, TRE produces Rapid Motion Tracking (RMT) maps to continue the analysis on ground deformation during Nepal quake.

[NEVASCO, Nederlands Value adding services collectief](#)

NEVASCO as framework (infrastructure, platform, organisation) focused on services and services on the market. It is not a data infrastructure.

[NGA and DigitalGlobe Open Source Toolkit to Harness the Power of Collaborative Mapping](#)

LONGMONT, Colo.—(BUSINESS WIRE)—Jun. 22, 2015— The National Geospatial-Intelligence Agency and DigitalGlobe (NYSE: DGI) have partnered to release an open source software toolkit designed to harness the power of crowdsourced mapping for Geospatial Big Data Analytics. The open source project Hootenanny provides a scalable processing engine and interactive editing interface to enable rapid conflation of map features generated from satellite imagery, UAVs, and mobile devices.

[Proteus announces exclusive partnership with GeoSlam](#)

Proteus, a provider of mapping and geospatial services, has signed a distribution agreement for the Middle East region with Geoslam Ltd for the latest ZEB1 handheld laser scanning technology.

[Satellite based water quality monitoring for inland and coastal waters: EOMAP launches its new worldwide eoApp service](#)

(03rd June 2015) Monitoring water quality for inland and coastal waters is a requirement for many government and private sector entities. This requirement includes identifying long-term trends and understanding emerging problems over large areas that contain numerous water bodies – all to be done in near real time.

[Software Prototyping and Mobile App Development](#)

GISAT is a member of the consortia contracted by ESA to prove and establish a mechanism to reduce technical risks in the development of the Earth Observation Ground Segment by means of rapid prototyping for new concept and technology assessment.

[Thales Alenia Space Wins Altimeter Contract for Sentinel 6](#)

[Via Satellite 07-09-2015] Thales Alenia Space has signed the first part of a contract with Airbus Defence and Space to supply Poseidon 4 space borne radar altimeters for the Jason CS/Sentinel 6A and Jason CS/Sentinel 6B satellites.

[Urban Challenge Looking for Innovators](#)

(Munich, 11/06/15) The quality of satellite imagery is improving year by year, to the point where it is now possible to read signage and see line markings clearly. Not only has there been an improvement in visual resolution now satellites like WorldView-2 and WorldView-3 are delivering imagery in 8 spectral bands, more than the eye can see.

[UrtheCast To Acquire the Deimos Imaging Earth Observation Business from Elecnor, S.A.](#)

UrtheCast to acquire ownership and operation of the Deimos-1 and Deimos-2 satellites, satellite operations and their global archive.

[XV Pacific Games in Port Moresby - Sports Facilities Mapped by Pléiades Satellites](#)

Using Pléiades data, Airbus Defence and Space and CIPAC produced a map of the sports facilities in Port Moresby, in advance of the XV Pacific Games

Earth Observation News

[2nd annual Commercial UAV Show](#)

(20 – 21 October 2015, ExCel, London) The world's largest gathering of the commercial and civilian UAV community

[A New Era of Space Collaboration between Australia and US](#)

(Jun 25, 2015) A key element of the partnership involves a major upgrade to Geoscience Australia's Alice Springs satellite antenna which will see the station play a much more significant role in the international Landsat ground-station network.

[ABB wins contract for greenhouse gas measuring instrument](#)

(17 June 2015) ABB has won a contract to supply the main component, a Michelson interferometer, for the satellite of the GOSAT-2 mission that will enable the Japanese government to continue and enhance spaceborne measurement of major greenhouse gases.

[Agricultural Fires in Western Africa As Seen From Space](#)

The Moderate Resolution Imaging Spectroradiometer (MODIS) on NASA's Aqua satellite collected this natural-color image which detected dozens of fires burning in southwestern Africa on May 21, 2015.

[Australia teams up with Europe's Earth observation community](#)

(17 June 2015) ESA and Australia's CSIRO national research organisation have signed an agreement which will give Australia better access to information from Europe's Earth-observing satellites, while ESA will benefit from Australia's scientific expertise.

[Belarus, Russia to create remote sensing satellite](#)

A new Belarusian-Russian satellite for the remote sensing of the Earth will be created within 2-3 years.

[BlackSky Global Details Plans for 60 Satellite Earth Observation Constellation](#)

[Via Satellite 06-16-2015] BlackSky Global, a rising Seattle-based satellite imagery startup founded in 2013, plans to launch a constellation of 60 Earth observation satellites to enable revisit times of a few hours or less.

[BlackSky Global reveals plan to image Earth in near real-time](#)

BlackSky Global has revealed its plan to provide high-resolution images of the globe at an unparalleled cost and frequency. The company plans to deploy six satellites in 2016 and have a full 60-satellite imaging constellation by 2019, bringing "satellite imaging as a service" to those businesses, organizations and governments that cannot or do not wish to capitalize their own constellations.

[Bluesky Mapshop Now Serving British Geological Survey Data](#)

An agreement between the British Geological Survey (BGS) and aerial mapping company Bluesky is allowing for a range of geological and geohazard map layers to be made available online at www.blueskymapshop.com.

[China satellite technology soars ahead](#)

Space remains the 'final frontier' for our world and Beijing is exploring new ways to journey beyond Earth's boundaries. Yet in addition to a spirit of adventure, jetting off into orbit has led to major advances for science and technology. Consequently, Chinese companies are boosting investments and R&D (Research & Development) support for the satellite technology industry.

[China sends up remote sensing satellite](#)

China launched a high-resolution optical Earth observation satellite Friday on top of a Long March 4B rocket, according to state media reports.

[Collaboration promotes use of open geo-data sets](#)

(29 May 2015) The Open Source Geospatial Foundation (OSGeo) and the International Society for Photogrammetry and Remote Sensing (ISPRS) have signed a Memorandum of Understanding to establish a collaborative relationship between the photogrammetry and remote sensing communities with the open source geospatial community. The ISPRS is a non-governmental organisation devoted to the development of photogrammetry and remote sensing through international cooperation. OSGeo is a not-for-profit organisation that aims to support and promote the collaborative development of open source geospatial technologies and data.

[Cooperation in satellite technology put Belgium, China to forefront](#)

BRUSSELS, June 24 (Xinhua) — Increased collaboration between Belgium and China in the field of satellite technology can put both nations “at the forefront” of delivering vital information globally, according to State Secretary of Science Policy Elke Sleurs.

[Copernicus Information Day on Access to Marine Data Stream from EUMETSAT](#)

(11 September 2015) In 2015, EUMETSAT will support the commissioning of the Copernicus Sentinel-3A satellite by ESA, following its expected launch in October. EUMETSAT will also start to extract marine products at its multi-mission facilities in Darmstadt and to deliver these, as well as other products from Jason-3, EUMETSAT and other third party missions from the US, China, India, in a unique data stream available across the EU and EUMETSAT’s Member States.

[Copernicus Masters: DEADLINE EXTENDED UNTIL 20 JULY](#)

We’re extending the submission phase for the Copernicus Masters until 10:00am (CET) on Monday, 20 July 2015. This gives you one week of added time to submit, fine-tune, and complete your idea.

[Ecometrica tool will help governments plan sustainable development](#)

Firm collaborates with research scientists to map

environmental calamity

[ESA teams ready for Europe's next weather satellite](#)

(9 July 2015) Ground control teams are ready to shepherd Europe's next weather satellite through its critical first days in orbit, ensuring it is working and healthy in the harsh environment of space.

[ESA's Sentinel-2A Satellite Returns Its First Color Images of Earth](#)

Just four days after being lofted into orbit, European Space Agency's Sentinel-2A satellite delivered its first images of Earth.

[EU Surveys on Sentinel Data and Copernicus Products](#)

The European Commission has launched two surveys aiming at gathering feedback from users of Copernicus and supporting the development of the programme.

[EURISY: Precision agriculture, the added value of geo-information and LBS](#)

This workshop brought together academia, data and service providers and farmers for an extensive overview on the latest technologies for precision agriculture.

[Eurospace is pleased to announce the release of Space Trends 2015 edition.](#)

This is the 4th edition in the series. Space Trends is the authoritative assessment of global space activity, with over 80 graphs and tables and the complete launch log of the year.

[Exploring the Potentiality of Polarimetric SAR Remote Sensing in Ecological Investigations](#)

It is necessary that African scientists look at strengthening their capacities in new Earth Observation applications.

[FG, UK firm sign \\$250m satellite deal with Nigeria](#)

The federal government yesterday signed a \$250 million joint venture/partnership agreement with MENASAT Gulf Group to provide synthetic-aperture radar (SAR) satellites in the country. The SAR satellite technology will be the first in Nigeria, and images generated from it will benefit particularly oil and gas operators, farmers, ocean monitoring and assist the military.

[First images of Earth from ESA's Sentinel-2A satellite](#)

Just few weeks ago ESA's Sentinel-2A satellite was successfully launched into orbit. First images taken by the Multispectral Instrument (MSI) on-board Sentinel-2A have now been published.

[Gabon mining sector project awarded to GAF](#)

(May 2015) GAF AG, Germany and its partner Sofreco, France, are pleased to announce the awarding of the "Renforcement des Capacités de l'Administration des Mines" contract and the initiation of activities in Gabon. The client and beneficiary is the Ministry of Mines, Industry and Tourism in Gabon. The project has been launched as a response to Gabon's request for assistance in developing its mineral sector.

[Geo-information: a hundred-billion-yuan industry to be tapped](#)

(by Xu Hong) In the past week, streams of favorable news come from geo-information industry. First, the State Council approved the medium- and long-term plan for nationwide basic surveying and mapping, putting forward to construct new basic surveying and mapping system and comprehensively promoting service capability of surveying and mapping geo-information.

[Iceberg Detection Software \(IDS\)](#)

C-CORE, a Canadian applied R&D company with expertise in adapting space technologies for use in harsh terrestrial environments, is taking advantage of new capabilities offered by ESA's Sentinel-1 mission to improve its EO-based maritime monitoring service.

[India Launches EO Constellation for UK-China Project](#)

India has launched five UK satellites, Indian Space Research Organization (ISRO) said Friday. The launch took place at 9:58 p.m. local time (16:28 GMT) from the Satish Dhawan Space Center, Sriharikota in Andhra Pradesh. The rocket reached orbit 20 minutes after launch.

[India shares concept note for SAARC satellite](#)

India has prepared a concept note of the new SAARC satellite (tentatively called SAARC SAT) to the other members of the South Asian Association for Regional Cooperation (SAARC), in preparation of a special meeting this week. SAARC is an economic and geopolitical organisation of eight countries that are primarily located in South Asia or Indian subcontinent.

[INSPIRE_GWF2015: Geospatial practices are driving policies](#)

Lisbon: Geospatial technologies are responsive to the societal needs of a wide range of public and private sector policies. Active engagement, collaboration and understanding between geospatial community and its major user domains help in harnessing true value of geospatial information and enhancing awareness of its potential among policymakers. A plenary session held at the INSPIRE_Geospatial World Forum 2015 highlights the best practices that facilitate further development and improvement of geospatial policy framework, and its integration with policies of other major industries at local, national, regional and global levels. The discussion was moderated by Rolando Ocampo Alcantar, Vice President, National Institute of Statistics and Geography (INEGI), Mexico.

[Malaysia Signs Radarsat 2 Deal with MDA](#)

[Via Satellite 07-08-2015] The Malaysian Remote Sensing Agency (MRSA), an agency under the purview of the Malaysian Ministry of Science, Technology and Innovation (MOSTI), has awarded three contracts to MacDonald, Dettwiler and Associates (MDA) for Radarsat 2 services.

[MDA to operate Canada's ground station infrastructure and expand its international business](#)

(25 June 2015) MacDonald, Dettwiler and Associates (MDA) has signed a contract for CA\$7.4 million with Natural Resources Canada (NRCan).

[MDA to provide Radarsat-2 ground station solution to support land and maritime applications](#)

(7 July 2015) MacDonald, Dettwiler and Associates (MDA) has been awarded three contracts with the Malaysian Remote Sensing Agency (MRSA), an agency under the purview of the Ministry of Science, Technology and Innovation, Malaysia (MOSTI).

[New satellites bring SA data home](#)

The South African National Space Agency (SANSA) has unveiled its high-resolution SPOT 6 and 7 National Mosaics and ortho-bundle data.

[New websites for the Copernicus Atmosphere and Climate Change Monitoring Services](#)

With the signature of a Delegation Agreement on 11 November 2014, ECMWF has been appointed by the EU to implement on its behalf two of the six services of its flagship Copernicus programme: the Copernicus Climate Change Service (C3S) and the Copernicus Atmosphere Monitoring Services (CAMS).

[North Korea announces observation satellite and defends rocket launches](#)

North Korean space agency officials have said the country is developing a more advanced Earth observation satellite and are defending their right to conduct rocket launches whenever they see fit, despite protests by the United States and others that the launches are aimed primarily at developing military technologies.

[Obtaining Millimetre Precision Using Satellite Sensors: Science or Fiction?](#)

Precision1 is a rather sensitive subject in geomatics: talk about it to a surveyor or a GIS specialist, and you better be armed with the right arguments to convince him to change his measuring devices!

[PCI Geomatics Launches Customer Support Website](#)

at support.pcigeomatics.com

[PCI Geomatics Releases Service Pack 1 for Geomatica 2015](#)

Markham, Ontario, Canada—July 8, 2015: PCI Geomatics, a world leading developer of remote sensing and photogrammetric software and systems, announced today that it has released a service pack for Geomatica 2015, only a few short weeks following the initial Geomatica 2015 software release.

[Promoting integrated and sustainable use of Earth Observation data for the environment in the Black sea and Mediterranean regions: Results from the IASON FP7 project.](#)

The IASON FP7 project, a coordination action within the FP7 ENV program, concluded its work in May 2015 having achieved all of the project objectives successfully. IASON project understanding the need to promote use of Earth Observation data for the environment had the ultimate goal to unlock the potential and create a permanent and sustainable network of academic, governmental and industry stakeholders primarily in the Mediterranean and Black sea regions.

[Rapid Analysis and Spatialisation of Risk](#)

An Invitation to partner 30 July 2015, Milan Italy (Room 4-5, level -1)

[Research on South Africa and its wildfire recovery may provide valuable hints for California](#)

Research on South Africa and its wildfire recovery may provide valuable hints for California and other Mediterranean-style climates. Scientists at Yale, University of Connecticut, and University of California recently reported their findings in the journal [Proceedings of the National Academy of Sciences](#)

[Roscosmos to Launch More Satellites, Set up Imaging Center](#)

The Russian Federal Space Agency Roscosmos plans to expand its fleet of satellites for taking images of the Earth, as part of a project to create a new center for global imaging, which aims to become a major player in Earth remote sensing services.

[Satellite Solutions for Smarter Islands 12 November 2015 - Malta](#)

This conference will discuss how island economies can leverage Europe's investments in satellite services to boost their economy and live up to current environmental and socio-economic challenges.

[Seven ESA satellites team up to explore Earth's magnetic field](#)

(1 July 2015) For the first time ever, two of ESA's flagship space missions – Cluster and Swarm – have joined forces to simultaneously measure the properties of Earth's magnetic field at two different altitudes.

[SmallSat Entrepreneurs Eye Commercial Market Over Government](#)

By Caleb Henry [Via Satellite 06-30-2015] Several leading small satellite entrepreneurs are confident that the success of their businesses does not hinge on whether or not the U.S. government will be an anchor customer. Earth observation and remote sensing companies at the Washington Space Business Roundtable (WSBR) luncheon on June 25, while acknowledging that the U.S. government is a desirable, high-profile customer, said that their business plans are not contingent upon winning this single client.

[Soil moisture and ocean salinity data support "real world" applications](#)

While ESA's water mission continues to deliver key information on soil moisture and ocean salinity to advance our understanding of Earth, it is becoming increasingly important for 'real world' applications, further demonstrating the societal benefit of Earth observation.

[SPOT-5 Sentinel-2 Take 5 time series available](#)

ESA and CNES are pleased to announce that the new distribution site for SPOT-5 (Take 5) products is now open. The site also provides SPOT-4 (Take 5) data.

[SSTL installs new ground station in Svalbard](#)

(24 June 2015) SSTL is now downloading data from its newly installed ground station in Svalbard, which will maximise contact with the company's polar-orbiting satellites.

[SupremeSAT gets TRC licence for 'International transit service'](#)

SupremeSAT (Pvt) Ltd, a Sri Lanka-based satellite company, has broadened its scope to offer more services both locally and internationally after receiving the licence a few months ago for 'International transit service' from Sri Lanka's Telecommunications Regulatory Commission (TRC), a company official said.

[The changing world of satellite data – Europe taken by surprise?](#)

Seventeen years ago the EU and the European Space Agency (ESA) adopted the Baveno Manifesto laying the ground for a European Earth Observation (EO) system – the Copernicus Programme.

[The Copernicus Masters EO Competition Invites Participants](#)

[SatNews] The tremendous amounts of data produced by the European Earth observation program Copernicus and its Sentinel satellites hugely benefit science and public authorities and open the door to countless products and applications in a wide array of business sectors.

[The DMC3/TripleSat Constellation in the Orbit](#)

Mme Wu Shuang, CEO & President of 21AT, said: "I am very glad that the three satellites are in orbit and have started communication with the ground station. It is the first step of our long march and we are looking forward to the commencement of our BJII data services following the completion of the commissioning of the DMC3/TripleSat Constellation."

[The European Commission and EUMETSAT are pleased to invite you to attend the "Copernicus Users Information Day on Access to Marine Data Stream from EUMETSAT" of 11 September 2015.](#)

In 2015, EUMETSAT will support the commissioning of the Copernicus Sentinel-3A satellite by ESA, following its expected launch in October.

[UASympEx 2015: Europe's 1st Symposium for Integration and Security of drones in Hamburg](#)

Hamburg – UASympEx will take place on September 18th and 19th 2015 in Hamburg, on the initiative of Christian L. Caballero Kroschel and Jan Hesselbarth from Caballero & Hesselbarth Consulting – together with the Northern Business School (NBS) and supported by the city of Hamburg.

[UrtheCast Announces 16-Satellite Constellation Of Earth Imaging Sensors](#)

(VANCOUVER, June 19, 2015) UrtheCast Corp. (TSX:UR) (“UrtheCast” or the “Company”) today announced plans to build, launch and operate the world’s first fully-integrated, multispectral optical and Synthetic Aperture Radar (SAR) commercial constellation of Earth Observation satellites (the “Constellation”), to be deployed over multiple launches expected in 2019 and 2020.

[UrtheCast Announces Closing of Offering of Subscription Receipts for Aggregate Gross Proceeds of \\$99,475,000](#)

UrtheCast Corp. (TSX:UR) (“UrtheCast” or the “Company”) announced today that it has closed its previously announced prospectus offering (the “Offering”) of 24,868,750 subscription receipts of the Company (“Subscription Receipts”), raising aggregate gross proceeds of \$99,475,000. The Subscription Receipts were offered on a “bought deal” basis at a price of \$4.00 per Subscription Receipt.

[UrtheCast Releases World's First Full-Color HD Videos Of Earth From Space](#)

Videos of London, Boston, and Barcelona showcase life on Earth viewed from the International Space Station.

[Workshop on Ancient Chinese Maps and Chinese-Western Cartographic Heritage](#)

(IGSNRR – Chinese Academy of China, Beijing, 3 June 2015) The Workshop on Ancient Chinese Maps and Exchange of Chinese-Western Cartographical Culture was held in Beijing on 3 June 2015 in the Institute of Geographic Sciences and Natural

Programmes

[Advance Notice of the CEOI-ST Call for Mission and Technology Preparation Activities for ESA Earth Explorer 9](#)

The Centre for Earth Observation Instrumentation and Space Technology is pleased to announce a Call for Mission and Technology Preparation activities for the ESA Call for Proposals for Earth Explorer 9. The timescales of the ESA Call are not yet confirmed, but it may be released towards the end of 2015, with submissions due around mid-2016.

[Belarus, India to develop joint program on remote sensing of the Earth](#)

MINSK, 1 June (BeITA) – Belarus and India intend to develop a joint program in the field of remote sensing of the Earth, BeITA learned from the press service of the National Academy of Sciences of Belarus (NASB).

[CSIRO teams up with Europe's Earth observation community](#)

ESA and Australia's CSIRO national research organisation have signed an agreement that'll help Australia get better access to information from Europe's Earth observation satellites.

[DigitalGlobe Produces the World's First Complete and Consistent High Resolution Satellite Imagery Base Map of Africa](#)

LONDON—(BUSINESS WIRE)—Apr. 28, 2015—DigitalGlobe, Inc. (NYSE: DGI), a leading global provider of high-resolution earth imagery and geospatial solutions, today announced the general availability of its Basemap +Vivid product for the entire African continent. Keeping pace with the rapid evolution of mapping technology, this is the first time that a complete, consistent satellite imagery base layer with 50 cm ground resolution has been available for Africa.

[EUMETSAT Council concludes the approval of the EPS Second Generation programme and achieves progress on Jason-3](#)

The 83rd meeting of the EUMETSAT Council in Darmstadt, Germany, on 23 and 24 June successfully concluded the approval process for the

EUMETSAT Polar System Second Generation (EPS-SG) programme and achieved progress in the approval process for the optional Jason-CS programme.

[Europe launches next phase of hi-tech Earth satellites](#)

The European Space Agency (ESA) has launched the second phase of a 4.3-billion-euro (\$4.91-billion) programme to deploy new-generation satellites to monitor environmental damage and aid disaster relief operations, officials said early Monday 22 June.

[European Commission signs up with China on remote sensing](#)

Collaborative research deal emerges during wider EU-China summit held in Brussels.

[Kenya to launch space centre](#)

The country is in the final stages of establishing a space centre, the equivalent of National Aeronautics and Space Administration(NASA) agency, a project that will propel Kenya to the elite club of a few countries in the world that own earth observation satellites.

[MENASAT GULF GROUP PLC in Joint Venture with NASDRA to develop a USD \\$250M program for the design and build of "NIGERIA SAR 1", the first Nigerian SAR high-resolution earth observation satellite.](#)

On Friday 26thJune2015,MENASAT GULF GROUP PLC entered into a Joint Venture agreement with The National Space Research and Development Agency of Nigeria (NASDRA) to develop a high resolution Earth Observation SAR satellite program which aims at the building of Nigeria`s first SAR high-resolution earth observation satellite to be launched by the year 2020.

[Nano Satellites Work with Ground Sensors to Offer New Eye on Disaster Relief and Agriculture](#)

(By Andrew Rosenblum on June 25, 2015)A swarm of small satellites could give critical infrastructure an Internet connection that never goes down.

[NASA Releases Detailed Global Climate Change Projections](#)

NASA has released data showing how temperature and rainfall patterns worldwide may change through the year 2100 because of growing concentrations of greenhouse gases in Earth's atmosphere. The dataset, which is available to the public, shows projected changes worldwide on a regional level in response to different scenarios of increasing carbon dioxide simulated by 21 climate models.

[New Copernicus Emergency Management User Guide](#)

© copernicus.eu. To coincide with the release of the second phase of the Copernicus Emergency Management Service (EMS), an update to the EMS User Guide has been published to reflect changes to service and product specifications, as well as the transition from GMES to Copernicus.

[Planning a green economy with Earth Observations](#)

Developing policies and programming operations related to the green economy require data and scientific evidence.

[Reports on Earth Explorer candidates now available](#)

As a critical input to the decision-making process that will lead to the selection of ESA's eighth Earth Explorer mission, the Reports for Mission Selection of the two candidate opportunity missions – CarbonSat and FLEX – are now available.

[SA space agency to use super hi-res satellite tech for nation planning](#)

South Africa's National Space Agency (Sansa) has launched the latest update to its high definition satellite imaging capability, by licensing the capabilities of the latest orbiting cameras through the SPOT 6 (Satellite Pour l'Observation de la Terre) program.

[Second Copernicus satellite reinforces services for citizens and businesses](#)

(Brussels, 23 June 2015) Europe's Earth observation programme "Copernicus" is making further headway

in tackling environmental disasters, improving land use for agriculture and forestry and responding to emergency situations.

[UN, Israel agree to apply Israeli space tech to disaster zones](#)

The United Nations' Office for Outer Space Affairs (UNOOSA) signed a cooperation agreement with Israel to use the country's satellite technology to save lives following natural disasters and in space emergencies.

[UNESCO and UNITAR-UNOSAT Team Up to Protect Cultural Heritage with the Latest Geo-Spatial Technologies](#)

30 June 2015, Bonn, Germany – UNESCO and UNITAR (the UN Institute for Training and Research) have signed an agreement to protect cultural and natural heritage sites with the latest geo-spatial technologies.

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