

eoSCAN (December 2021)

Corporate News

- Belize, Costa Rica, Dominican Republic select terraPulse to map forest
- Hydrosat raises \$10 million for thermal infrared imagery constellation
- Microsoft azure Orbital opens up space to everyone
- Orbital Insight Integrates with Esri's ArcGIS Platform To Streamline Satellite + Sensor Imagery Analysis
- Planet Reports Record \$31.7M Revenue for First Quarterly Financial Report
- Redwire Announces Supplier Agreement with Terran Orbital to Support Satellite Manufacturing
- Shareholders Approve Planet SPAC Merger . Planet to acquire VanderSat in \$28 million deal
- Swedish Space Corporation and SatRevolution to launch Earth Observation constellation from Esrange and www.sccspace.com
- UP42 Becomes A Member Of The Federation Of German Industries (BDI)
- CREODIAS – the continuation of services and development plans
- Dublin company wins contract with European Space Agency
- ICEYE announces contract with NOAA to tackle environmental hazards
- NASA Expands its Commercial Data Acquisition Program with Airbus. Read more about our Radar Constellation here.
- NanoAvionics to Build Forest Biodiversity Satellite for Chilean Startup Lemu
- SES Government Rolls Out New Hydra Platform for US Government Customers
- Spire Global Awarded Contract Under European Space Agency's NAVISP Element 2 Program
- U.S. Army turns to ICEYE for SAR mission imagery
- Africa Earth Observation Challenge announces the winners of the 2021 challenge - Space in Africa
- As a modern and mature 21st century country, Latvia must develop a forward-looking science **policy**
- Business Finland: New space economy ready for lift off
- BlackSky sets a 15-hour pace for refreshing space imagery
- China Launches New Satellite For Earth Observation
- China launches satellite for UN Sustainable Development Goals
- Council stresses the importance of participation of all in the space sector
- EUMETSAT consolidates its key role in Earth observation data provision
- Europe is building key space infrastructure for its sovereignty.
- EU Space Research and Innovation
- EUSPA launches €32.6 million space-focused Horizon Europe call
- ESA helps Greece to contribute to European GovSatCom
- ESA approves Resolution to accelerate the use of space in Europe
- ESA moves forward with 11 ideas for pioneering missions
- Evolving National Geospatial Strategy For The Netherlands
- [Indian Geospatial Market, Economy, and Industrial Development Strategy](#) report
- [Indian geospatial market can grow at 12.8% to 63,100 crore by 2025](#)
- Luxembourg-based IBISA raises €1.5 million for its climate insurtech platform
- Finland launches website dedicated to its space-related projects
- NASA selects new mission to study storms impact on climate models
- NASA considers novel business model for \$500M Earth Science campaigns
- Strategy to support skills development for the space and geoinformation sector - Climate-KIC
- Scientists in Countdown to Uganda's First Satellite
- Space Agency unveils earth observation roadmap. ASA releases EO from Space Roadmap
- Space can help to solve the biggest challenges facing our planet.
- South Africa Signs Satellite Navigation Agreement with China
- UK's Space Strategy Casts the Nation as a Rising Space Super Power
- U.S. organizations release State of the Space Industry 2021 report
- 5th General Assembly of the Copernicus Academy and Relays Networks took place.

- Airbus Agrees to Sell OneWeb LEO Services to Government and Military Users in Europe
 - [Adoption and integration of geospatial knowledge and 4IR technology in land administration workflow](#)
 - Earth Observation for Urban Mine Action
 - How Tech Innovations Can Support a More Sustainable Space Environment
 - Hyperspectral **Remote Sensing** Market
 - [Italian Space Agency completes the New National GNSS Frame Network](#)
 - Kinéis obtains FCC approval to offer satellite services in the U.S.
 - Flexible Signal Processing Tools Contract From ESA Awarded To Spire
 - Microsoft Increases Azure Space Capabilities With Industry Partners
 - New Sensor Aids Rare Earth Extraction from Acid Mine Drainage
 - New Symphonie's Consortium Awarded Concept Study For The European Commission
 - PlanBlue Uses 'Underwater Satellites' to Map the Ocean Floor
 - SatLease Capital Explains New Financing Model Aimed at Service Providers
 - Satellite Build Contract Assigned To Airbus By ESA For The Ariel Mission
 - Spire Global Adds 150 Customers With ExactEarth Acquisition
 - Swedish Space Corporation Joins The UN:IO **European Space** Consortium. [press release](#)
 - Transform Hydrology by Integrating Sensors and Disciplines
 - Tomorrow.io Enters Merger Agreement With SPAC Firm Pine Technology Acquisition Corp.
 - UP42 Becomes A Member Of The Federation Of German Industries (BDI)
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- **Air Quality Platform project: how space technology can help challenge air pollution in cities. Read more**
 - Airbus Pleiades Neo Sats Make Early Start In Earth Observation. Airbus Imagery and Elevation Data Now Available in Microsoft Azure Maps. [learn more about Azure Maps here.](#)
 - brightest EU Space entrepreneurs will gather under one roof for the annual Galileo and Copernicus Masters Awards Ceremony. Register to discover EUSPA Challenges' winners,
 - Critical data on sea level rise becomes available today. Related article
 - Closing Ceremony of the Second Continental GMES and Africa Forum
 - Copernicus Emergency Management Service Week 2021
 - commercial opening of Pléiades Neo 4 satellite imagery, through our OneAtlas platform.
 - **Earth Observation applications and machine learning for cultural heritage preservation. Read more**
 - Europe's first polar-orbiting weather satellite successfully deorbited. The process of removing the satellite from its orbit
 - Europe Precision Farming Technologies
 - ESA Academy's Training and Learning Program Welcomes UNI Students' Applications For Two Online Training Sessions
 - ESA/NASA Launch Open-Source Platform. Read more...
 - EU soil mission and relevant research
 - ESPI Insights
 - The equivalent of a 10km ice cube is melting each year
 - [Future will see unprecedented demand for satellite imagery](#)
 - Geospatial data marketplace UP42
 - [Geospatial Industrial Development Strategy](#)
 - [Geospatial is translating into a way of life](#)
 - Highlights of the Second Continental GMES and Africa Forum
 - [How advanced geospatial technology is changing life on Earth](#)
 - JICA and Synspec's SAR Satellite Data Detects New Sink Risks And Ground Movement In Guatemala
 - Insight into the Challenges Behind Remote Sensing Innovation
 - Increasing demand for EO Data will drive the industry
 - [Mapping, Calculating, and Controlling Carbon Emissions](#)
 - Mapping our Human Footprint from Space. Read more...
 - Meet the students from Transport and **Geoinformation** Technology | KTH | Sweden
 - Mercator Ocean International and the Copernicus Marine Service have published the [Ocean Explainers](#)
 - Meet the Winners of the AfricaGIS 2021
 - NVIDIA is Building a Digital Twin of the Earth
 - OGC Calling For Participation in the Federated Marine Spatial Data Infrastructure Pilot
 - [Participating in the Digital Advertising Ecosystem](#)
 - **Pioneer Earth observation applications for the environment (PEOPLE). Read more**
 - Plan Blue Uses 'Underwater Satellites' to Map the Ocean Floor
 - QuantCube launches four new real-time economic indicators using ESA satellite data
 - Remote sensing predicts potential berry-picking locations
 - Release of First Landsat 9 Images. Read more...
 - Satellite imagery can put an end to baseless claims of deforestation
 - Satellite Industry's 10 Most Impactful Events of 2021
 - Satellites pinpoint communities at risk of permafrost thaw
 - Satellite shows newest Earth images
 - SpaceX set to launch Starlink mission along with 2 Earth observation satellites - Orlando Sentinel
 - SWIR imaging package
 - Trees have been found to reduce urban land surface area temperatures up to 12 ° C

- APAC, Europe, America region to generate massive revenues for Hyperspectral Imaging
 - Earth Observation Big Data Service Market 2021
 - Europe Drone Services Market 2021
 - Euroconsult's "Satellites To Be Launched" Forecast + Analysis Is Published
 - Global **GIS** Market Analysis, Key Company Profiles, Types, Applications and Forecast to 2028
 - Geospatial Imagery Analytics (GIA) Market Predicted to Hit
 - InSAR Market Quality & Quantity Analysis
 - Nanosatellite and Microsatellite Market Share and Size 2022 Global Industry
 - NSR's **Satellite-Based Earth Observation, 13th Edition** report
 - [More EO Data Types...But for Who?](#)
 - Optical Imaging Sensors for Earth Observation Market Size 2021-2028
 - Remote Sensing Services Market Rising Trends and Technology Advancements 2021-2027
 - Satellite Industry's 10 Most Impactful Events of 2021
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- 3rd CASSINI Hackathon. The Hackathon will take place from 12 to 14 May 2022, simultaneously in 10 locations across Europe. Interested? Take a look and take part in this initiative.
 - AI4Space, Euroconsult 21-22/06/2022
 - Conference on the Future of Europe is a unique and timely opportunity for EU citizens to debate on Europe's challenges and priorities. Take a look at the topics, choose your cause and share your opinion.
 - Copernicus4Regions webinars. Register here ([link](#))! Please find more information in the programme here ([link](#)).
 - CORFU 2022, 9th International Conference on Sustainable Solid Waste Management, 15-18 June 2022, Corfu Island
 - DigiGreen. Towards and Beyond the Green and Digital Transition
 - Earth Observation solutions for smarter and greener regions and cities: hands-on e-shape pilots
 - EURISY WEBINARS - (more information on the [leaflet](#))
 - EUSPA's first Space Downstream Innovation Days are set for 8-9 November.
 - EUSPA Open Space 2021
 - LPS22: Call for Abstracts. Read more
 - ESA -week 2021
 - ESA Industry Space Days 2021> 7 – 8 December 2021
 - [ESA_CALL](#) for ideas
 - EUSPA Space Downstream Innovation Days! During today and tomorrow, EUSPA presents its latest funding and research opportunities, including the newly launched Horizon Europe Space Call with an overall budget of €32.6mln. Check the agenda and join us online here.
 - [Geospatial World Forum 2021 Geospatial World Forum](#) in Amsterdam from 20-22 October
 - [Global Space Markets Challenge](#)
 - Horizon Europe funding for pre-commercial procurements on green digital solutions. Open PCP call
 - [India to host second UNWGIC in 2022](#)
 - Industry Space Days 2021
 - Invitation to Participate in the November 2021 Geospatial API Virtual Code Sprint
 - MOOC on Artificial Intelligence (AI) for Earth Monitoring
 - New Space Economy European Forum on 9 December.
 - One Integrated Marine Debris Observing System for a Clean Ocean
 - Space for Our Planet — S4OP
 - Space2Earth Accelerator. ESA Investors Forum. Apply FREE now
 - Space Forum 2022
 - Space Pitches and Space Awards.
 - Copernicus Masters and Galileo Masters! [copernicus-masters.com/awards](#) and [galileo-masters.com/awards](#).
 - Switch to Space
 - UN WORLD DATA FORUM 2021 | BERN, SWITZERLAND | 3 to 6 OCTOBER 2021
 - WSBW 2021, Westin on December 13-16
 - On 8-9 November, EUSPA will present its latest funding and research opportunities, including the soon-to-be-launched Horizon Europe Space Call at the Space Downstream Innovation Days. The event will take place both in Prague and online, learn more here.
 - 14th European Space Conference - Save the Date 25-26 Jan 2022. External
 - 2nd CASSINI Hackathon is almost here and will tackle the challenge of connecting the Arctic with European satellite technologies. It is set for 5-7 November simultaneously across 10 different locations. From Croatia to Iceland, this pan-European project is set to make an impact in the Arctic.
 - 4 November 2021: CAPIGI Webinar: "The Challenges of EO/GIS Skills" ([link](#));
 - 8-9 November 2021: EUROPEAN SPACE FORUM 2021: TIME TO RETHINK EUROPE'S SPACE AMBITIONS? ([link](#));
 - 8-9 November 2021: Space Downstream Innovation Days ([link](#));
 - 8-9 November 2021: 2nd Horizon Europe Space Brokerage Event ([link](#));
 - 10 November 2021: Earth Observation solutions for smarter and greener regions and cities: hands-on e-shape pilots ([link](#));
 - 16-17 November 2021: ONLINE WORKSHOP - Copernicus commercial satellite data and European new space (Copernicus Contributing Missions) ([link](#));
 - 16-18 November 2021: Europe's Meeting Place for Space Business, Technology & Innovation ([link](#));
 - 18-19 November 2021: Invitation to SeBS Results Workshop - The Story of how Copernicus benefits European citizens ([link](#));
 - 23-25 November 2021: EU Open Data Days ([link](#));
 - 25 November 2021: Webinar: The Copernicus programme and its benefits for Mexico and Central America ([link](#));
 - 26 November 2021: Webinar: Benefits of the Copernicus programme for South America ([link](#));
 - 2 December 2021: EGNOS Annual Workshop ([link](#));
 - 9 December 2021: How Copernicus helps Europe's regions to innovate public administrations and the delivery of public policies ([link](#));
 - 9-11 December: New Space Economy European Forum ([link](#));
 - 13-16 December 2021: World Satellite Business Week by Euroconsult ([link](#));
 - 25-26 January 2022: 14th European Space Conference ([link](#));
 - 8-10 February 2022: Global Space and Technology Convention 2022 ([link](#));
 - 14-15 March 2022: Paris Space Week 2022: The International event of the Space sector ([link](#));

Information extracted from EUROGI

- New and open funding opportunities:
 - Interoperability community (Deadline 19/10) [Read here]
 - Establish the grounds for a common European energy data space (19/10) [Read here]
 - Scalable privacy-preserving technologies for cross-border federated computation in Europe involving personal data (Deadline 21/10) [Read here]
 - AI for cybersecurity reinforcement (Deadline 21/10) [Read here]
 - Feasibility Study, Design and Prototype Development for a Mapping Platform on COVID-19 Therapeutics in the EU (Deadline 29/10) [Read here]
 - NEW! Emerging Risks Analysis Platform (ERAP) (Deadline 03/11) [Read here]
 - Horizon Europe Project: Machine Learning Application Approval (Tender released by European Union Aviation Safety Agency, deadline 04/11) [Read here]
 - Terrorism and other forms of serious crime countered using travel intelligence (Deadline 23/11) [Read here]
 - Enhanced assessment of disaster risks, adaptive capabilities and scenario building based on available historical data and projections (Deadline 23/11) [Read here]
 - Improving cyber defence and incident management with artificial intelligence (Deadline 09/12) [Read here]
 - Frugal learning for rapid adaptation of AI systems (Deadline 09/12) [Read here]
 - Reinforcing digitalisation related know how of local energy ecosystems (Deadline 05/01/22) [Read here]
 - NEW! Canarias pre-commercial procurement on big data for personalised medicine (Deadline TBD) [Read here]
 - Policy initiatives, announcements and briefings (all NEW):
 - Commission launches EU missions to tackle major challenges [Read here]
 - Questions and answers: EU missions [Read here]
 - MEPs debate AI and the data strategy [Read here]
 - Trade and Technology Council: Inaugural meeting agrees on important deliverables and outlines areas for future EU-US cooperation [Read here]
 - ENISA's New Tool to secure the Digital Future of SMEs [Read here]
 - EU and the Western Balkans launch a joint strategy to strengthen cooperation in innovation, research, education, culture, youth and sport [Read here]
 - Open Public consultations:
 - NEW! Digital services integrating different transport modes, deadline 02/11 [Participate here]
 - Policy programme - Digital Decade Compass, deadline 23/11 [Participate here]
 - NEW! Digitalising the energy sector – EU action plan, deadline 24/01/22 [Participate here]
 - Newspaper articles/publications/reports (all NEW):
 - EU countries green light new data governance framework [Read here]
 - Europeans strongly support science and technology according to new Eurobarometer survey [Read here]
 - Promoting industry-academia knowledge exchange through co-creation teams [Read here]
 - MEPs demand strict rules over AI applications in criminal matters [Read here]
 - Horizon Europe funding for PCP and PPI [Read here]
 - Covid-19 effects on Earth's environment
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- African Research Fellowships Call for Earth Observation
 - GEOCento hiring
 - Job Vacancies in Planetek. [Join our team](#)
 - PostDoc Position in AI for Remote Sensing at ETH Zurich, Switzerland
 - Post-Doc Imagery Analyst for Albatross Project at the British Antarctic Survey, United Kingdom
 - Senior scientist for quality assurance in Earth observation at the National Physical Laboratory, United Kingdom
 - Higher Scientific Officer for Geospatial Modelling at the Agri-Food and Biosciences Institute, United Kingdom
 - Geospatial Data Engineer at Radiant Earth Foundation based in either the USA, Ghana, Ivory Coast, or Senegal
 - Remote Sensing Specialist for Forest Monitoring Tasks at GAF AG, Germany
 - Consultant Space Sector at SpaceTec Partners, Germany
 - Remote Sensing Project Manager at Space4Good, Netherlands
 - Senior Project Manager for Forest and Climate Change at GAF AG, Germany
 - Project Task Manager for EO-based Urban Planning at GAF AG, Germany
 - PhD positions for geospatial analytics, remote sensing, GeoAI, human mobility, social sensing, hazard modeling, and human-environment interactions at the University of Arkansas, USA
 - PhD position for forest ecology and remote sensing at University of Florida, USA
 - PhD position for remote sensing of ecosystem resilience at the University of Tasmania, Australia
 - PhD position for hyperspectral drone remote sensing at the University of Tasmania, Australia
 - PhD position for remote sensing for tracking of bulk cargo at the Arctic University of Norway, Norway
 - PhD position for 3D point cloud segmentation at Helmholtz-Zentrum Dresden-Rossendorf, Germany
 - Postdoc for remote sensing and crop water productivity at IHE Delft Institute for Water Education, Netherlands
 - Postdoc position for forest management and ecology at the University of Florida, USA
 - Postdoc position as imagery analyst in the Albatross Project at British Antarctic Survey, United Kingdom
 - Postdoc position for high resolution remote sensing for Hawaii Decision Support at the ASU Center for Global Discovery and Conservation Science, Hawaii, USA
 - Postdoc position in the Carbon Mapper Mission Science Applications Team at the Arizona State University, USA
 - Earth observations processing system infrastructure software engineer at Spire Global, Luxembourg
 - Earth observations calibration/validation analyst at Spire Global, Luxembourg
 - Remote sensing analyst (general EO scientist) at Spire Global, Luxembourg
 - Remote sensing analyst (agronomist, crop modeler) at Spire Global, Luxembourg
 - SAR data specialist at Spire Global, Luxembourg
 - Machine learning engineer / data scientist at Spire Global, Luxembourg
 - Geospatial data engineer at Radiant Earth Foundation based in either USA, Ghana, Ivory Coast, or Senegal
 - Multiple faculty positions for radio-frequency systems at the University of Colorado Boulder
 - Researcher / lecturer for deep learning on UAV / on-board and cloud computing for UAV mapping at the University of Twente, Netherlands
 - Research associate for forest cover change monitoring at University of Leicester, UK

- Development officer for Earth observation at IGN FI, France
- Research leadership for the Carbon Mapper Mission Deputy Science Team Leader at the Arizona State University, USA
- Project manager for Earth observation at Thales, Portugal
- Experienced remote sensing project manager at Space4Good, Netherlands
- Product manager for Earth intelligence at Spire Global, Luxembourg
- Research assistant professorship in coral reef ecology and management at the Arizona State University, USA
- PhD position on Deep Learning in Remote Sensing at State University of New York College of Environmental Science and Forestry, USA
- 100+ PhD positions in different fields including Earth and Climate sciences in the ELLIS PhD Program
- ESA Junior Professional Programme
- Earth Observation Digital Platform Engineer at ESA, Italy
- Software Engineer, Maps Data Backend Engineer at SnapInc, USA
- RF Microwave Engineer at JPL, USA
- Geospatial Data Scientist at KBR Inc, USA
- Data Scout at ICEYE, Finland
- Technical Program Manager for hyperspectral data at Planet, USA
- Earth observation faculty position at the University of Iowa, USA
- PostDoc on Watershed Hydrology and Sediment Transport at University of California, USA
- PostDoc on Microwave Radiance Assimilation for Numerical Weather Prediction at EUMETSAT, UK
- PostDoc on ocean observation technology at the University of Bergen, Norway
- PostDoc in (coastal/marine) geoscientific modelling and data analysis at the Helmholtz-Zentrum Hereon, Germany
- PostDoc on remote sensing, biodiversity and forest resilience at the Joint Research Centre of the European Commission, Italy
- Tenure Track position at University of Florida in Machine Learning and Climate, USA
- Program director at Trillium Technologies, USA
- UNCCD- VA76 - Consultancy - international data experts to support UNCCD reporting (10 positions)
- UNCCD - VA77 – Consultancy – team leader position
 - EU Funding and tender opportunities ([link](#)) & ([link](#));
 - Horizon Europe factsheets ([link](#));
 - Apply now for the 2021 YGT opportunities ([link](#));
 - Luxembourg Space Agency hires:
- [Project Manager - Science, exploration and education \(m/f\)](#)
- [Project Manager - Telecommunications \(m/f\)](#)
- [Project Officer- Communication \(m/f\)](#)
- Two PhD positions on Large-scale Habitat Suitability Mapping with Machine Learning at EPFL, Switzerland
- Junior Professional in Earth Observation Atmospheric Composition Applications at ESA, Italy
- Studentship on Machine Learning for Geophysical Hazard Sequences at University of East Anglia, UK
- Researcher in Geo-health at University of Twente, Netherlands
- 10 new research, data science, and management positions at Technical University of Munich (ML4Earth), Germany
- Postdoc for Telecommunications and Integrated Applications at ESA, UK
- Postdoc for AI for Geospatial Analytics at IBM, Switzerland
- Postdoc in Ocean State Imaging at EPFL, Switzerland
- Postdoc in Machine Learning and Environmental Modeling at the Basque Centre for Climate Change, Spain
- Postdoc in Semantics and Environmental Modeling at the Basque Centre for Climate Change, Spain
- Postdoc for Instrument Development and Signal Processing with Applications in Groundwater Research at Aarhus University, Denmark
- Postdoc for Atmospheric Turbulence over Complex Topography at ETH Zurich, Switzerland
- Postdoc on Subsurface Utility Data Quality Visualisation at ETH Zurich, Switzerland
- Postdoc in Environmental Geophysics at University of Lausanne, Switzerland
- Postdoc in Environmental Seismology at University Bourgogne Franche-Comté, France
- Several Postdocs at the Image and Signal Processing group at the Universitat de València, Spain
- Researcher Ethical Artificial Intelligence for Unmanned Aerial Vehicles at University of Twente, Netherlands
- Data Scientist at Ursa Space Systems (Remote)
- Ocean and Hydrology Earth Observation Scientist at ESA, Netherlands
- Scientist for Boundary Layer, Turbulence and Drag Processes at ECMWF, UK/Germany
- Senior Scientific Officer for in-situ Observations for the Copernicus Climate Change Service at ECMWF, Germany
- Geospatial Sales Engineer at Maxar, UK
- Expert in Automated Geodata Analysis in Cloud Environments at GAF AG, Germany
- Faculty Position in Environmental Sensing Technologies at EPFL, Switzerland
- Assistant Professor in Applied Geosciences at the German University of Technology in Oman, Oman
- VP Engineering at Indigo, USA/Remote
- Head of Earth System Modelling Section at ECMWF, Uk/Germany
- Head of Earth System Assimilation Section at ECMWF, Uk/Germany
- Director of Carlson Center for Imaging Science at the Rochester Institute of Technology, USA