

A pioneering study of the Equatorial West African margin identifies new targets for exploration controlled by structure of the underlying basement. The Equatorial West Africa SEEBASE® multi-client Study and GIS by Frogtech Geoscience proposes an advanced rift migration and crustal model for Sierra Leone to Gabon, offering unique geological interpretations that support increased interest in underexplored sections of the continental margin. [Read more...](#)

Russia to build new satellite to replace angola's inoperative angosat-1



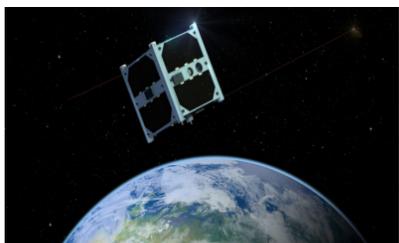
Russia has proposed to build a new satellite for Angola. This follows the writing off of the country's defective satellite, AngoSat-1. Angola's first national telecommunication satellite which was launched from Baikonur Cosmodrome, Kazakhstan. The launch happened in December last year. However, the satellite has not yielded any results. The satellite has encountered lots of problems, and it loses communication countless times. Energia built AngoSat-1 after an agreement between Angola and Russian governments in 2009. [Read more...](#)

Africa Innovation Summit to address Africa's challenges



The second edition of the Africa Innovation Summit is soon approaching and is set to take place from 6–8 June 2018 in Kigali, Rwanda under the patronage of President Paul Kagame, Chairman of the African Union and Pedro Pires (ex-President of Cabo Verde). The AIS will focus on innovation as a tool to address Africa's pressing challenges, such as poverty, health, education, food security and Good Governance. [Read more...](#)

Zacube-2 SA Satellite Will Be Launched In July 2018 From India



The Republic of South Africa is getting ready for the space launch of the country's second nano-satellite. We're talking about the Zacube-2 satellite, weighing 4 kilograms and developed by the Cape Peninsula University of Technology in collaboration with the Franco-South African Institute of Technology. The satellite is scheduled to be on orbit by July 2018 after it will be

launched from India. [Read more...](#)

Artificial intelligence arms race accelerating in space



One of the next big things in geospatial intelligence is tiny black boxes aboard satellites that ingest massive amounts of data in space and instantly analyze it. No downloading necessary. Geospatial data manipulation and analysis in real time is the holy grail in the military intelligence business. "We are trying to help commanders 'see through the fog of data' in situations when they have to make

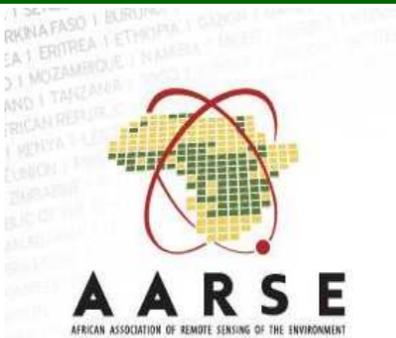
decisions very quickly," said Melanie Stricklan, chief technology officer and co-founder of Slingshot Aerospace, in Manhattan Beach, California. [Read more...](#)

Rise of drones: African journalists counter lies with tech



Drones and satellites are helping African journalists to expose lies and shed light on underreported issues in regions that are largely inaccessible. But restrictive regulations threaten their reporting. For Nairobi-based journalist Soila Kenya, technology is a tool to unearth the truth. She recounts an attack by terrorist group al-Shabab last year, when militants struck an army base in Kulbiyow, Somalia. Kenya's defense forces downplayed the damage and claimed they had repelled the attackers. [Read more...](#)

AARSE 2018 Conference



The 12th AARSE Conference will be held from 22nd to 26th October 2018 in Alexandria, Egypt with the Arab Academy of Science, Technology and Maritime Transport (AAST) and National Authority for Remote Sensing and Space Sciences (NARSS) as joint local hosts. [Click here...](#)

Population Census by TripleSat Constellation



21AT and TrippleSat constellation supports city management and population census applications over Africa. Cities grow exponentially, ever increasing the demand on public services and increasing the demand on disaster planning. De-vegetation and soil sealing increase flood risk. With regular satellite imagery urban growth can be managed in conjunction with flood models, digital elevation models, precipitation models, catchment area maps. Data overlaid with census and population growth models. [Click here...](#)

Corporate Profiles



CyanoLakes (Pty) Ltd is a specialist water data service provider from satellite remote sensing to governments, commercial water utilities, aquaculture/mariculture operations, water engineering projects, environmental service companies and academic and research institutions. Our operational near real-time geo-information service (demonstration at <http://eonemp.cyanolakes.com>) is designed to significantly improve decision making for government authorities and commercial operators by providing live information and analytics. We also provide consulting services and engage in research and development projects to continually improve our product offering. Contact us now to find custom solutions to your water problems. CyanoLakes – making your water safer! [Read more!](#)



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Space Advisory Company is a satellite programme and systems consulting and engineering bureau situated in Somerset West, South Africa. SAC offers professional and expert advisory/technical/engineering services of a verified high quality, tailored to support customer space programmes and assist in the ensuring of successful outcomes which are within budget and time constraints. This is achieved as a result of resources and teams with extensive experience working on Advisory Engagements, Space Programmes, Remote Sensing and Earth Observation projects. Click [here](#) for more information. Visit the [website](#) for further details.

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Did You Know?

- One million Earths can fit inside the Sun. Ancient astronomers once believed the Earth was at the centre of the Universe but now we know that the Sun is at the centre of our Solar System and our planets orbit the Sun. The Sun makes up 99.8% of the entire mass of the whole Solar System. One million Earths would be needed to be the same size as the Sun. [Read more!](#)

Opportunities

- [PhD – Optical–biogeochemical dynamics of oligotrophic lakes](#)
- [Software Research for Visualisation and Analysis of Large–Scale Scientific Datasets](#)
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- [EPS–SG Integration Verification and Validation \(IV&V\) Engineer](#)
- [Call for application 2018](#)
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- [IEEE GRSS / AARSE fellowship application\(travel grant\)](#)

Upcoming Events

- [GEO Business 2018](#)
- [4th Smart Cities India 2018 Expo](#)
- [PROBA-V Symposium 2018](#)
- [AI & IOT Summit 2018](#)
- [GEO SYMPOSIUM 2018](#)
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- [ISPRS TCI Midterm Symposium "Innovative Sensing – From Sensors to Methods and Applications"](#)

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Corporate Members get an opportunity to promote their brands on the AARSE website and newsletter. All members have a privilege of attending AARSE conferences at a reduced fee.

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