

Digital Earth
AFRICA

DE Africa Quarterly Program Report

13 January 2025

Table of Contents

1. Executive Summary
2. Highlights for the Quarter
3. Key Updates
 - Strengthening Governance
 - Program Delivery
 - Enabling Partnerships
 - Science and Technology
 - User needs and In-country engagement
 - Capacity Development
 - User Engagement and Uptake
 - Demonstrating impact
4. Traffic Light Report



About Digital Earth Africa

Our vision

Digital Earth Africa (DE Africa) provides reliable Earth observation services, offering decision-ready products to help address social, environmental, and economic challenges while promoting innovation across sectors.

Our mission

DE Africa processes open data to create decision-ready products, addressing Africa's challenges by working with the AfriGEO community and building on existing capacity to use Earth observations effectively.



Livelihood strengthening

Enhance informed decision-making across government and sectors, delivering both direct and indirect benefits to individuals and communities.



Digital transformation is advanced

Drive the evolution of Africa's digital economy by promoting industry uptake and fostering innovations.



Economic development and job creation

Facilitate new business development and employment opportunities by providing access to data for commercial products and services.



Development activities are more effective

Enhance understanding of development challenges and solutions to strengthen collective impact and assess progress toward national priorities, the African Union's Agenda 2063, and the UN SDGs.



Enhance and scale regional activities across Africa.



Empower climate action by developing in-country knowledge and skills.



Serve an audience that meets our diversity and inclusion strategy.



Ensure sustainable governance and deepen key partnerships.



Program Outcomes

OUTCOME 1: Sustainment

DE Africa is on-track to be sustained in Africa (technically, operationally and financially), with key African stakeholders invested to achieve this end-point

Strengthening Governance & Program delivery

Stakeholders maintain confidence in DE Africa's governance, operations, and transparency

Enabling Partnerships

African governments and regional institutions support DE Africa's shift toward financial sustainability, recognizing its value and operational impact

Sustainment and Business Model Development

Developing a cross-sector business model to diversify revenue, sustain operations, and secure funding beyond Phase III

Science and Technology

DE Africa's science and technical platform remains a robust, world-leading capability, responsive to Africa's needs

OUTCOME 2: Uptake and Impact

DE Africa information is consistently used by key stakeholders - governments, communities, private sector and individuals, to drive environmental, social and economic impacts

User needs/in-country engagement

Customizing DE Africa services for in-country needs like food security, connecting with end-users via partners and communities

Capacity Development

Development of tailored training materials to support diverse users, from decision-makers to in-country specialists, in utilizing DE Africa's products

User Engagement/Uptake

Rapid growth in uptake of DE Africa services including the Map and the Sandbox, and direct use of DE Africa services

Demonstrating impact

DE Africa services empower community decision-making, improve lives, and support African governments in using data for policy and action

Cross-Cutting

Diversity and Inclusion

Communications and PR

Monitoring, Evaluation and Learning

Benefits Realisation

Risk Management



Governance Enhancements

Digital Earth Africa is setting the stage for robust governance with 6 candidates shortlisted for the Interim Advisory Board (IAB) recruitment, while the Technical Advisory Committee (TAC) membership rotation process received 43 Expressions of Interest. The 2025 Annual Workplan was completed in January, ensuring a focused and actionable roadmap for the year ahead.

Strategic Progress and Frameworks

Preparation for a 5-10 Year Strategy is underway, with Stage 1 completed in December 2024. The MEL framework was refined, with updates to be submitted in January 2025.

Key Achievements and Partnerships

DE Africa submitted an application for flagship status in the post-2025 GEO Work Programme, with the aim of solidifying its position as a leader in Earth Observation innovation. Partnerships expanded with draft MoUs established with Ghanaian and Kenyan EO stakeholders. Sponsorship of the 8th African Space Generation Workshop (AF-SGW) in Nigeria underscored DE Africa's commitment to capacity building in Africa's space industry.

Technical Innovations

New notebooks were made available to our users including visualizations of water bodies, and a new Coastlines dashboard for national scale impact assessment was released. In country implementation and validation of our wetlands workflow in Kenya, Senegal, and South Africa were undertaken with partners, highlighting the program's ability to deliver impactful solutions across diverse environments.

Community Engagement and Outreach

Awareness and training sessions were held across the continent, fostering valuable partnerships with the University of Energy and Natural Resources (UENR) in Ghana and Kyambogo University in Uganda. These efforts also included participation in the UNCCD Conference of the Parties (CoP), where specialized training sessions were delivered, along with additional sessions held in Tunisia.

Media and Impact

The program's contributions to agriculture, water management, and disaster response were spotlighted by BBC News and The Guardian. With over 10,000 social media engagements, 16 articles, and the launch of the Coastlines Dashboard, DE Africa continues to amplify its influence and drive meaningful action in climate resilience and sustainable development.



Highlights for the Quarter



Key Updates



OUTCOME 1: Sustainment

DE Africa is on-track to be sustained in Africa (technically, operationally and financially), with key African stakeholders invested to achieve this end-point



Strengthening Governance

Governance

- Interim Advisory Board (IAB) Recruitment: Mindcor was appointed as the Executive Search Firm to manage the IAB recruitment process. From **222 applicants, 6 candidates were shortlisted** and will be presented to the Governing Board on 22nd January 2025.
- TAC Membership Rotation: TAC Co-Chairs initiated the rotation of membership and co-chair nomination process. Applications for TAC membership rotation were advertised on 9th December and will be closed on 13th January 2025. **61 Expressions of Interest (Eols) have been received.**

Strategy Review

- Preparation for the DE Africa 5-10-year strategy began in late November and concluded in early December 2024 with the creation of a process and timeline document.
- Approved by the Leads in December 2024, this document outlines seven stages for completing the strategy by Q3 2025. Stage 1, a baseline assessment of existing strategies to identify gaps and overlaps, was completed by mid-January.
- The team is now progressing through Stages 2 and 3: hosting an internal Leads workshop and creating a 2-page integration framework.

Monitoring, Evaluation, and Learning (MEL)

- Ongoing updates to the Monitoring, Evaluation, and Learning (MEL) Results Framework include developing new indicators for outputs, outcomes, and impacts, as well as continued work on the BR logic model and benefits register for three measures.
- Draft documents, including the updated MEL Framework and a narrative of recommended updates, were submitted in December, with feedback received for review and updates in January 2025.
- The MEL Plan, detailing tracking processes, is under development for submission in January 2025.



Program Delivery

Planning and Reporting

- **Mid-Year Review:** A Mid-Year Review was conducted, resulting in recommendations to adjust Q3 and Q4 targets to ensure realistic 2024 deliverables.
- **Leads Workshop:** In October, an in-person Leads Workshop was held in South Africa to align the 2024 workplan with the In-Country Engagement approach. Discussions included the Capacity Development Strategy.
- **Funder Engagement:** On 29th October, PMO Leads presented the 2024 programme progress to Helmsley, providing key updates on activities and milestones.
- **GEO Work Programme:** DE Africa submitted an application for flagship status in the Post-2025 GEO Work Programme.
- **2025 Workplanning:** Draft 1 of the 2025 workplan was completed.

Diversity and Inclusion (D&I)

- A video, featuring Nandi Mtethwa, Mpho Sadiki, and Sinethemba Mtshali, showcasing the contributions of key women in the programme was developed. The video is scheduled for publication in Q4.
- The Q3 D&I CWG Meeting on 20th November trialed a rotating Co-Chairs approach, chaired by Oluwayemisi Efunnuga from AWIGIS. RCMRD and CSE presented workplan progress.
- DE Africa engaged with African Women in GIS and planned the Africa Women in GIS Technical Challenge starting in January 2025.

Sponsorships

- DE Africa sponsored the 8th African Space Generation Workshop (AF-SGW) held on 20–21 November at the Obasanjo Space Center, Abuja, Nigeria, under the theme “The Future of Africa’s Space Industry: Capacity Building for Sustainable Development.”



Enabling Partnerships

AFRIGIST, Nigeria

- Hosted four DE Africa live sessions on 6th November 2024.
- AFRIGIST provided face-to-face training to the Ministry of Agriculture in Abuja, Nigeria, from 4 to 5 December 2024.

RCMRD, Kenya

- RCMRD visited Djibouti in November 2024 for stakeholder engagements on the coastline service and traveled to Comoros for field validation.
- Implementation of the wetland workflow in Kenya and Uganda.

CSE, Senegal

- Implementation of the wetland workflow with DE Africa in Senegal.

OSS, Tunisia

- Exchange on the ongoing collaboration (contract & work plan) with OSS Team including Anis Ghattasi, Evence LOUIS ZOUNGRANA and Hamda Foughali
- One of the OSS focal points attended our workshop with the UN Statistics Division (UNSD)'s Data for Now initiative.



Amazon Web Services Social Impact, South Africa

- Participated in the Economist Sustainability Week Africa (October 2024) in Cape Town, bringing together African and global leaders.
- DE Africa collaborated with AWS in a joint session titled “Leapfrogging to Prosperity: How Technology is Driving Africa’s Development.”

University of Energy and Natural Resources, Ghana

- A Memorandum of Understanding to strengthen Ghana’s Earth Observation (EO) landscape was drafted and sent to UENR for countersignatures..
- DE Africa positioned to support Ghana's Space Policy and National Adaptation Plans (NAPs).

Kenya Space Agency, Kenya

- A Partnership Framework was submitted to the Director-General of KSA and has since been received with the necessary signatures. The finalization of this agreement by DE Africa is scheduled for completion in January.
- Focus on leveraging the Open Data Cube and DE Africa’s data, products, and tools for enhanced collaboration and engagement.



Science and Technology

Workflows

- Implementation of wetland workflow in Kenya (RCMRD), Senegal (CSE), and South Africa (DE Africa, SANBI)
- Validation of wetland workflow through in-country partnerships; collection of field data by RCMRD in Kenya and Uganda (see *right*)
- Presentation of DE Africa and the wetlands workflow to the Ramsar Convention's Scientific and Technical Review Panel during EO day on the 6th December

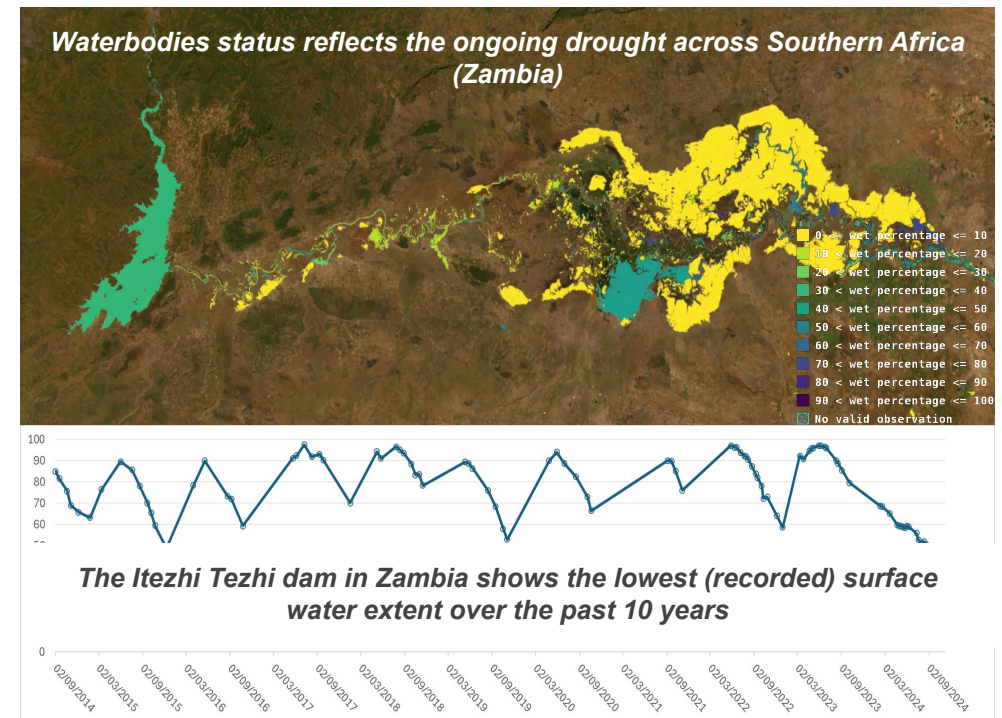
Continental Services

Waterbodies Monitoring Service:

- Introduced dynamic attributes for status fullness, allowing visualization of current waterbody status across the continent (see *right*)
- Visualisation notebooks released

Water Quality Monitoring Service:

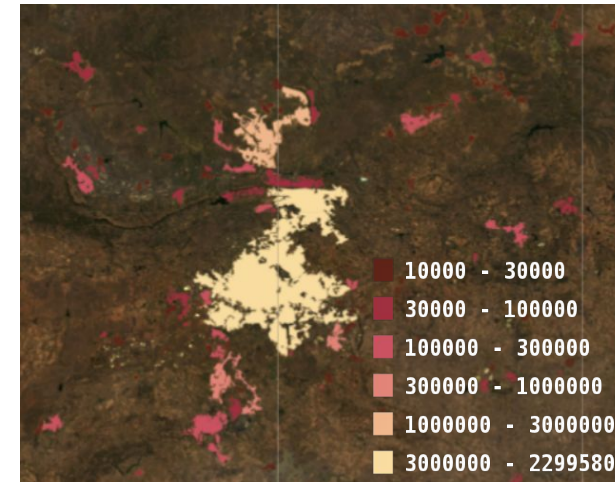
- Project planning phase initiated for service prototyping



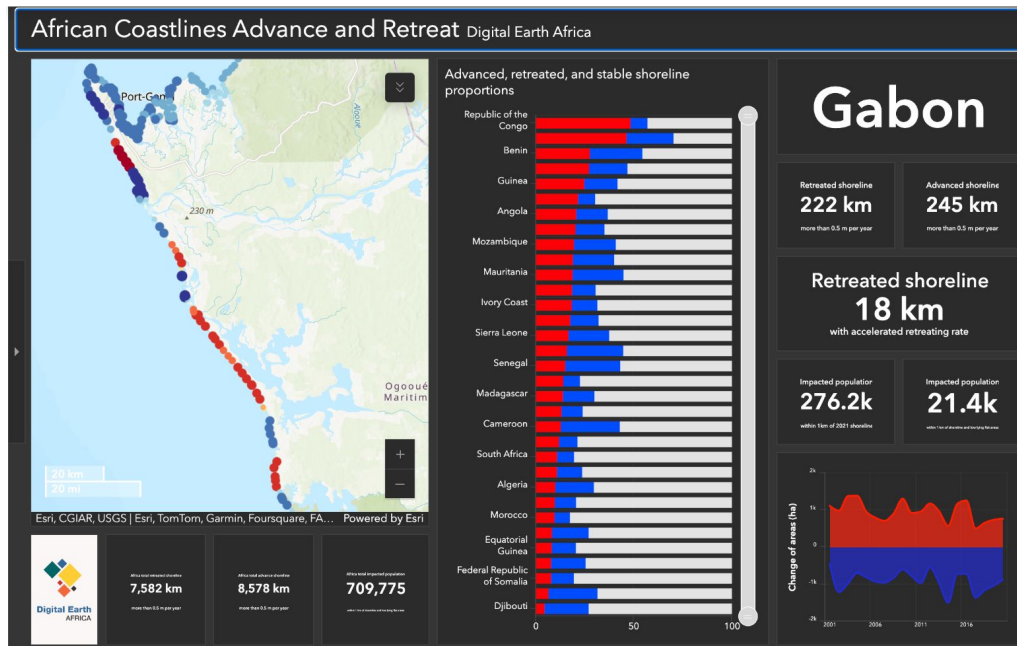
Science and Technology

New datasets, pipelines and interfaces

- Africapolis urban agglomerations dataset, WaPOR dataset, Impact observatory land cover map version 2 (see right)
- New Data Pipelines: Implemented Sentinel-1 monthly mosaics facilitating time-series analysis of SAR data.
- Coastlines dashboard for assessment of national impact released (see below)



Africapolis dataset (left) showing the urban agglomeration boundaries and their population sizes for 2015 for Gauteng province in South Africa



Technical documentation and platform upgrades

- Updated Continental Services documentation in both English and French versions.
- Regular platform maintenance that included an Amazon Elastic Kubernetes Service (EKS) upgrade, Sandbox image upgrade and a monitoring stack upgrade. The upgrades are essential to enhance platform performance, security, and compatibility with new technologies.



OUTCOME 2: Uptake and Impact

DE Africa is consistently used by key stakeholders - governments, communities, private sector and individuals, to drive environmental, social and economic impacts



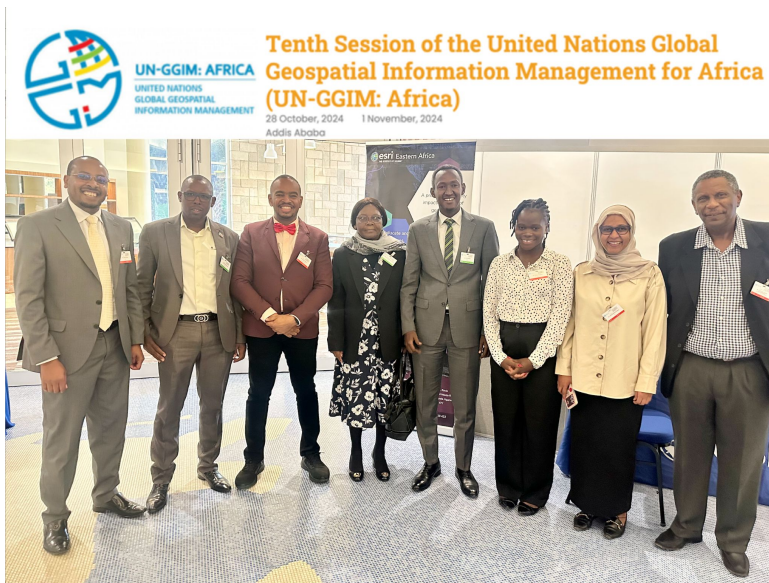
In-Country Engagement

Capacity building and outreach

- University of Rwanda-GEOSAR (10 October), Rwanda Forestry Authority (17 October), Africa Wildlife Foundation (AWF) office in Rwanda (07 November)
- GIS Day - University of Nairobi, Kenya - 19 November, GIS Day - Kenyatta University, Kenya - 20 November and GIS Day at Chinhoyi University of Technology, Zimbabwe
- Face-to-face training for Tunisia Statistics, supported by UNSD, under the Data for Now initiative (9–13 December)
- DE Africa provided an awareness session to the Network of African Journalists Specialized in Sustainable Development and Climate Change, an Africa 21 program launched in 2019 (02 December)

Engaging the community

- Virtual sessions with SASSCAL, Namibia (15 October), Dedan Kimathi University, Kenya (12 October), and Kyambogo University, Uganda (22 October)
- Engaging with UNESCO to discuss how DE Africa platforms can support the sustainable management of the cultural and natural World Heritages in 20 Countries of Africa (22 October)
- Representation at UNGGIM Africa (28 October–1 November) in Ethiopia, presenting in the geospatial framework session
- Visited the Federal Ministry of Agriculture and Food Security (19 November).
- Participated in the 8th Africa Space Generation Workshop in Abuja (20–21 November) and visited the Cosmopolitan University of Abuja
- Participated in the State of Map Rwanda (29 November)



Awareness Sessions

DE Africa training to YouthPawa, FarmCBO and Tuungane CBO (15 November)

DE Africa provided an overview of its platform and how Youth Pawa (Kenya), Farm Conservation Community Based Organisation (Kenya) and Tuugane Community Based Organisation (Kenya) may use using DE Africa in their projects.



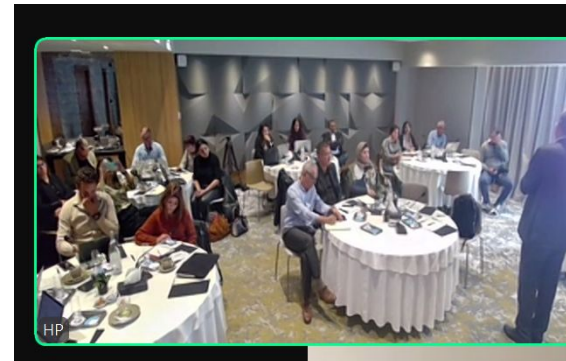
GIS Day - University of Nairobi, Kenya (19 November)

Digital Earth Africa, was invited to present at the University of Nairobi's GIS Week held on 19 to 21 November 2024, organised by GESA: Geospatial Engineering Students Association.



GIS Day - Kenyatta University, Kenya (20 November)

DE Africa was invited to the GIS day at Kenyatta University on 20th November whose theme, "Mapping Minds, Shaping the World".



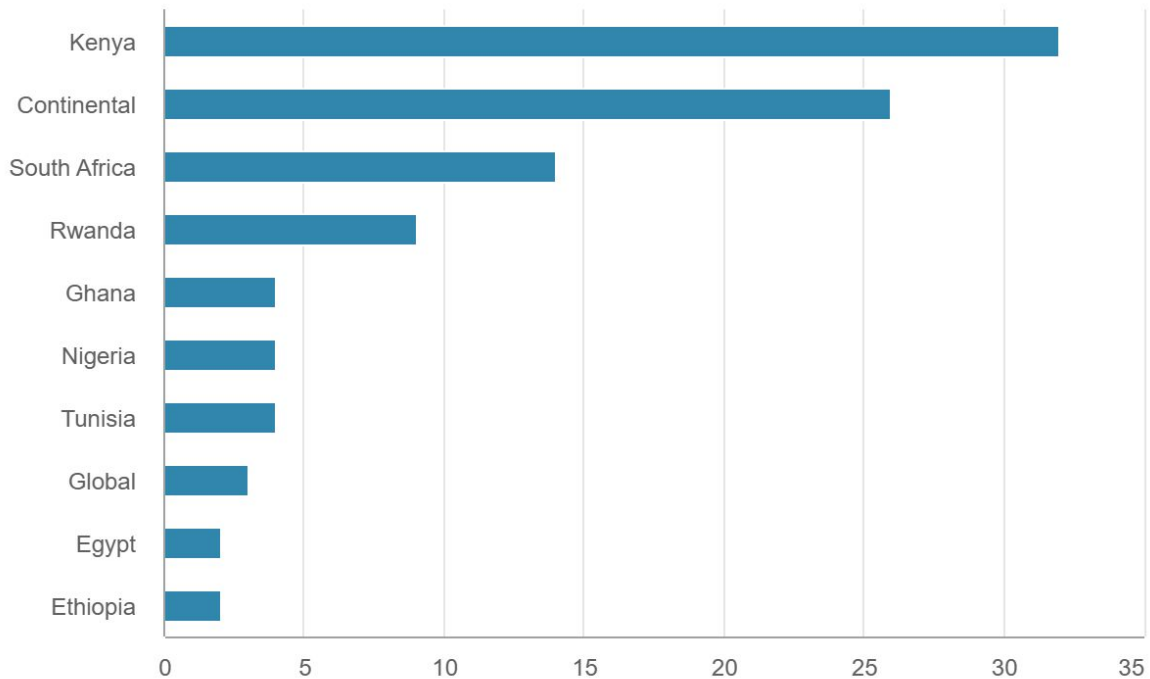
Africa21 - Workshop on the Circular Economy, Tunis (02 December)

DE Africa provided an awareness session to the Network of African Journalists Specialized in Sustainable Development and Climate Change, an Africa 21 program launched in 2019.

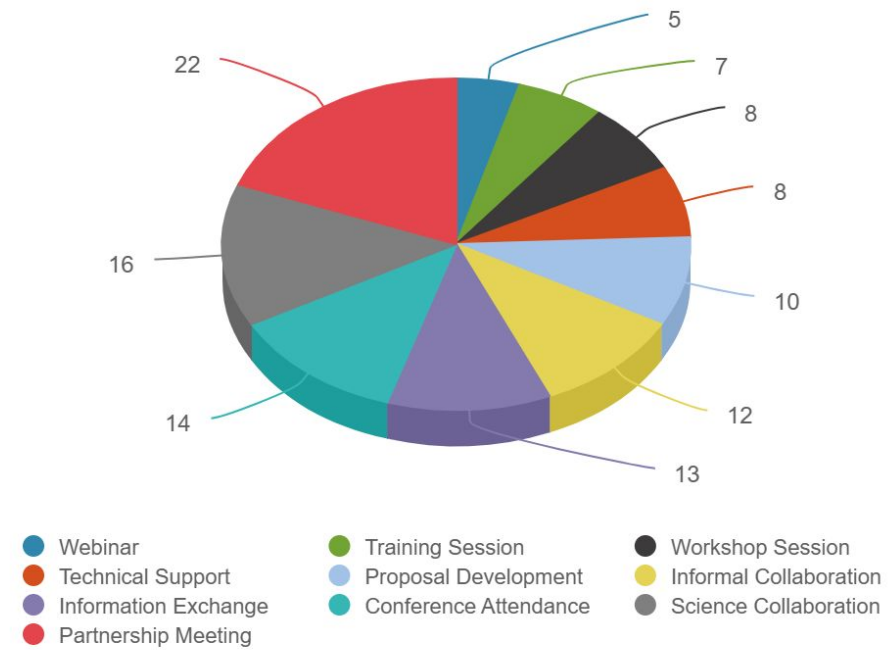


Engagements by Numbers

Top 10 countries by engagements



Total engagements by type



Awareness sessions

7 awareness sessions

Event and engagements

20 events attended

Meetings

12 meetings held

Partnerships

1 MoA signed
1 partnership framework being finalised



Capacity Development

Strategy

- Strategy Review: The Capacity Development Strategy has been reviewed and updated to ensure alignment with DE Africa's long-term goals.
- Strategic Pathways: The strategic pathways have been updated to focus more on enhancing climate resilience, empowering local decision-making through data-driven insights, and fostering regional collaboration to ensure sustainable development and the effective use of DE Africa's tools.

Training Materials and Courses Development

- In Q2, DE Africa internally developed two training courses (Coastlines and Waterbodies), while AFRIGIST developed three additional courses (Water Resources, Agriculture, and Land Degradation). These courses are set to be uplifted with Kartoza as the appointed service provider. The process commenced with a kickoff meeting on 07 January, 2025 and will be complete by 15 March 2025.

Training and Workshops

1. Training for stakeholders in the water sector in Lusaka (2 October, 30 participants) and Accra (14-16 October, 35 participants), supporting the IWMI DIWASA project.
2. Dialogue with Tunisia's Institute of Statistics (10 October) as part of the Data for Now program supported by UNSD.
3. Training for the University of Ghana (3 October) under the GMES and Africa Marine and Coastal Areas Management program.
4. Training for Kyambogo University students in Uganda (24 October, 35 participants), following a GIS and EO Systems lecture.
5. AfriGEO webinar organized by RCMRD (25 October, 30 participants in English, 5 in French), showcasing the DE Africa platform.
6. Training (28 November) in preparation for the Big Data Summer School in Cape Town (March 2025).



Capacity Development For Institutions

IWMI DIWASA workshop in Zambia (2 October)

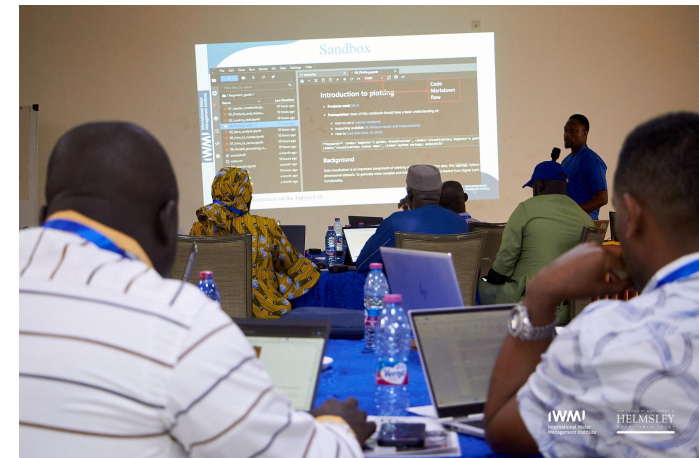
The workshop reviewed findings from the DIWASA project's first phase and explored opportunities to co-develop new tools and innovations to address the country's water challenges. 20 participants from government, academia and NGOs.

DE Africa training to University of Ghana Consortium (3 October)

Introduction was provided on Digital Earth Africa's platforms, Coastlines Monitoring Service, and coastal erosion, oil spill monitoring and ship detection notebooks. The English session had approximately 60 participants while the french one had 43 participants.

DE Africa training, IWMI, Accra, Ghana, 14-16 October

Thirty-five participants from six countries representing 20 organizations attended the training workshop on "Accessing and using earth observation data layers and products in Digital Earth Africa". The training is organized by IWMI's DIWASA project in collaboration with Digital Earth Africa.



Capacity Development for Government Agencies

AFRIGIST organised F2F training in Abuja, Nigeria, for ministry of Agriculture and food security. 04-05 December

AFRIGIST conducted a training session for the Federal Ministry of Agriculture and Food Security on December 4th and 5th, aimed at enhancing participants' understanding of advanced Earth Observation technologies. The training focused on effectively utilizing DE Africa platforms, which provide vital information on water and agriculture at both continental and local levels.

Data for Now Tunisia, 09-13 December

UN Statistics Division (UNSD) under Data for Now initiative collaborated with DE Africa in providing a training to National Institute of Statistics (INS) and partners namely, Agence de Protection et d'Aménagement du Littoral (APAL), Ministry of Agriculture, Sahara and Sahel Observatory (OSS) and National Agency for Environmental Protection (ANPE). The training aimed at strengthening the use of geospatial information to monitor erosion and artificialization (SDG 13) and assess change in the extent of water-related ecosystems over time (SDG 6.6.1).



Events and Engagements

Africa Earth Observation Challenge

DE Africa was part of the judging at the final Africa Earth Observation Challenge 2024, dubbed Kenya Space Summit by Kenya Space Agency (KSA) held at the Kenya Innovation Week on 26 November 2024. There were 13 finalists from different countries in Africa (Cameroon-1, Ghana-2, Kenya-3, Mauritania - 1, South Africa -2, Tunisia -1 and Zimbabwe - 2)



State of the Map Rwanda 2024-29 Nov 2024

DE Africa was part of the panel discussion "Improving Open Mapping for humanitarian action by leveraging AI tools and community-based driven approaches"

Opportunity to connect with Mr. Alexis Rutagengwa, from the National Land Authority (NLA) and other partners from the University of Rwanda, ECO Mappers.

DE Africa at 8th Africa Space Generation Workshop in Abuja, Nigeria 20th – 21st November

DE Africa was one of the sponsors of the event in collaboration with AFRIGIST. Australian High Commission in Abuja was invited as a key guest and made some remarks. DE Africa (Joseph) presented at several sessions including exhibition with AFRIGST Team led by Prof. Lazarus, Sena, Phoebe.



User Engagement and Uptake

Engagement with Government

2 African governments (Kenya and South Africa) are using DE Africa tools to drive climate action and adaptation planning.

Engagement with Academic Institutions

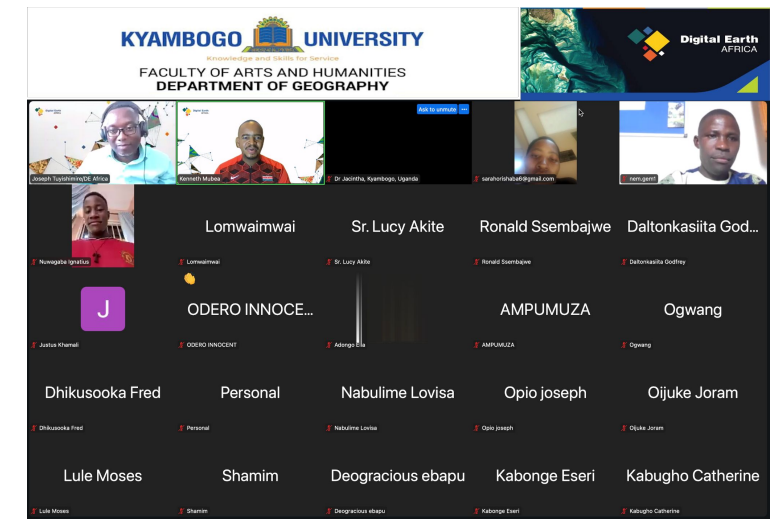
- Engaged with 4 academic institutions to explore the integration of EO into academic curricula and research programs. (1) UENR - Ghana, (2) Kyambogo University - Uganda, (3) University of Rwanda - Rwanda and (4) University of Sine Saloum - Senegal



Identification and Documentation of Use Cases

Four locally led use cases highlight DE Africa's applications:

- Ghana: Identifying water reservoirs using DE Africa datasets.
- Ethiopia: Monitoring Gefersa Lake catchment using Water Observations from Space (WOfS).
- Mozambique: Studying Chokwe Irrigation Scheme water levels.
- Niger: Reporting on Niger River flooding.

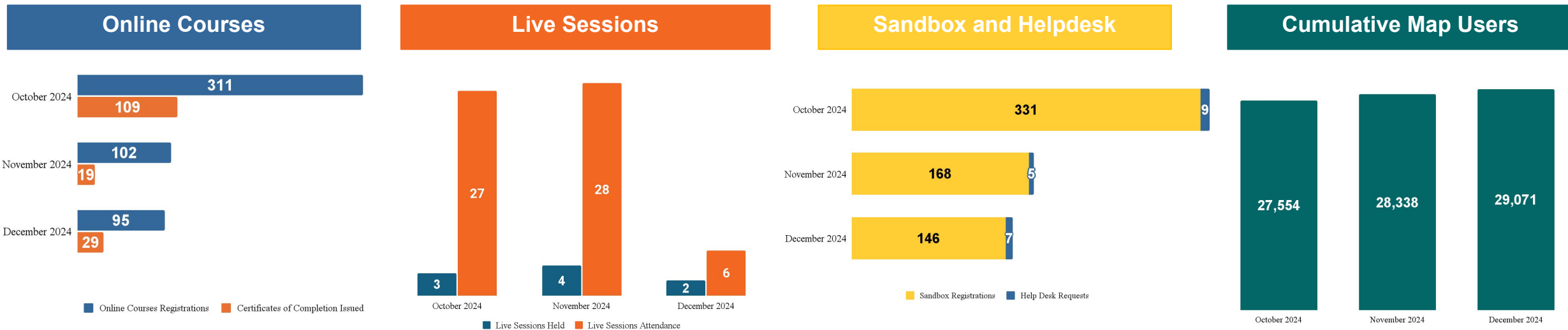
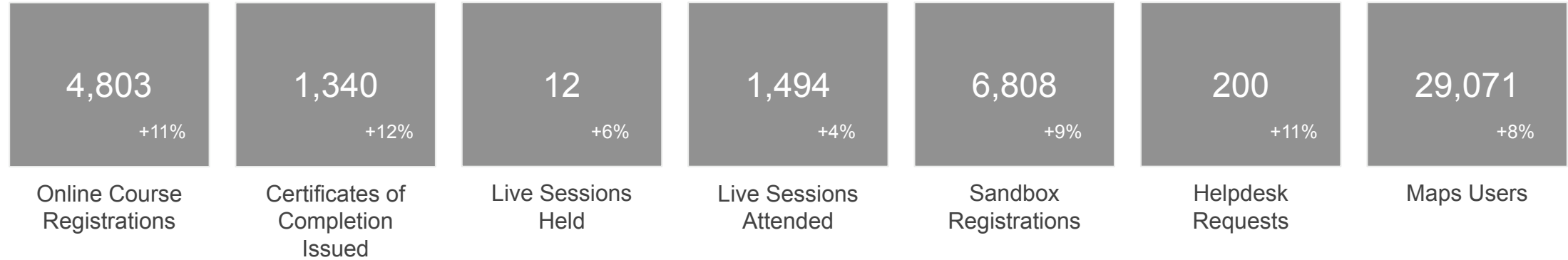


Kyambogo Faculty of Arts and Humanities, Kyambogo University (Uganda)

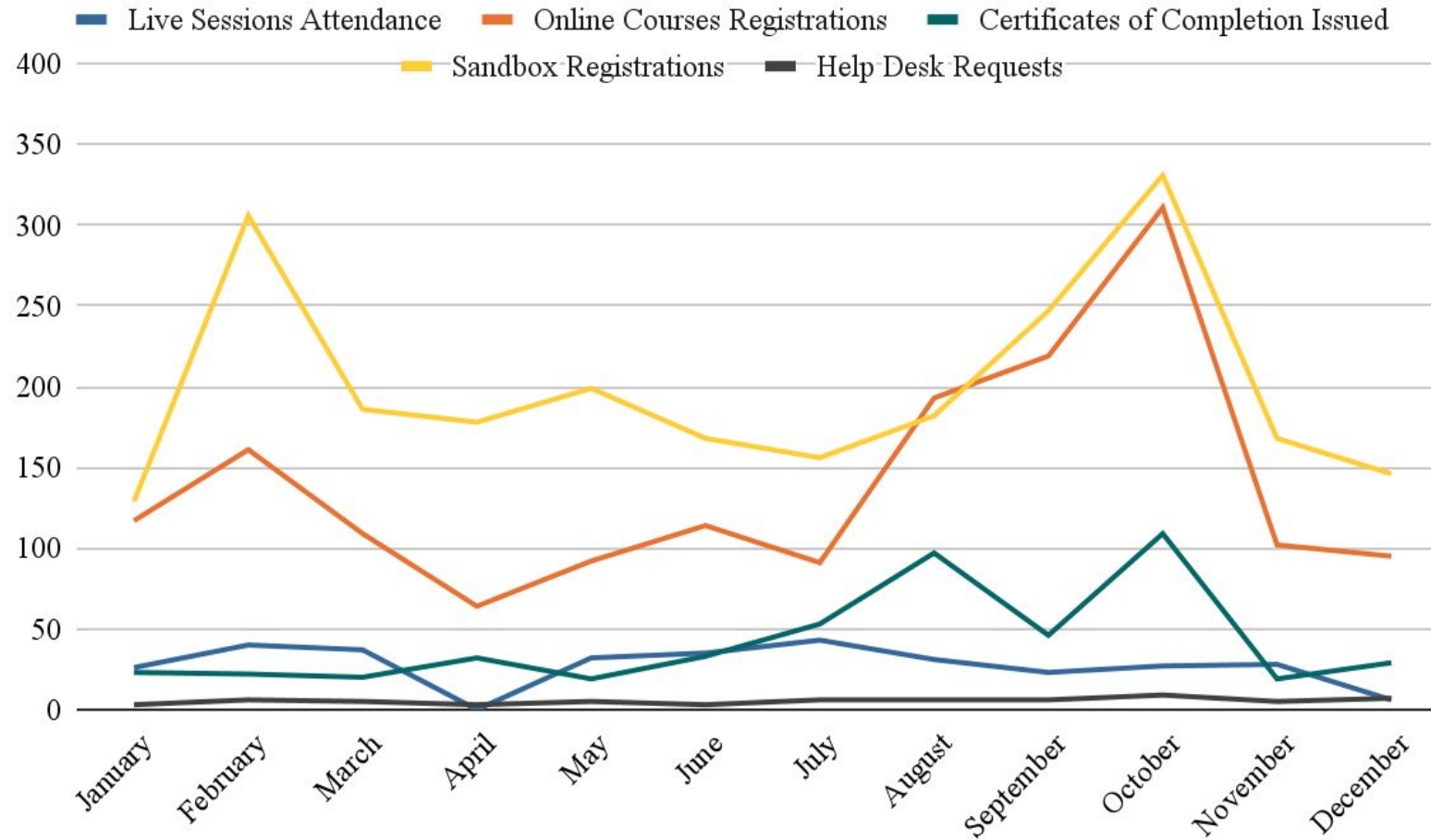


Q3 User engagement in Numbers

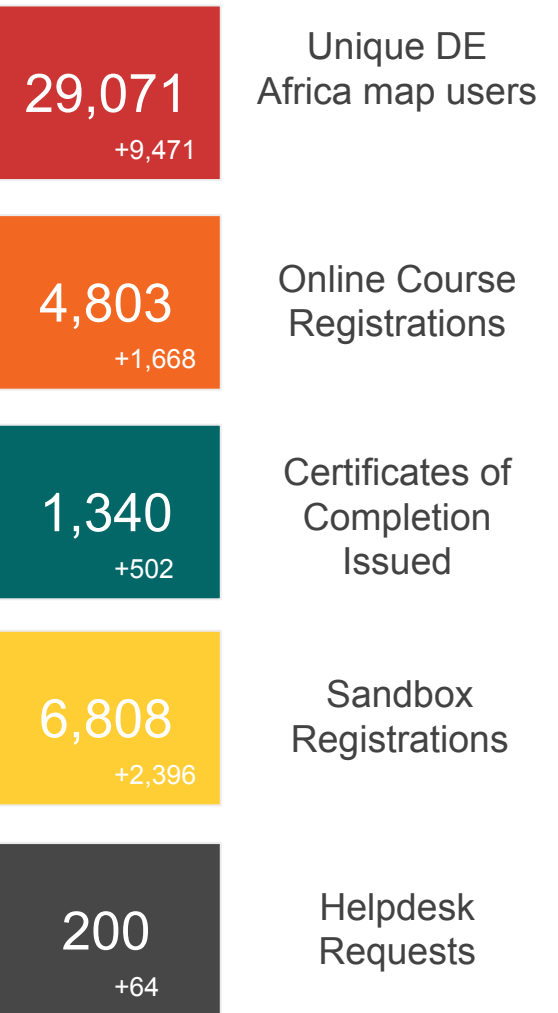
Q3 2024 vs All time user totals



2024 User Engagement Trends



All time User Community



Demonstrating Impact

Major Achievements, Events, and Milestones

- Media Coverage of DE Africa's Impact: DE Africa major regional news outlets and international publications such as BBC News and The Guardian, interacted with stories disseminated highlighting how the platform aids in agriculture monitoring, water management, and disaster response.
- Social Media Engagement on Climate Action: Discussions and posts on Twitter and LinkedIn, engaging over 10,000 followers on topics related to climate change resilience and Earth Observation (EO) solutions.

Publications and Articles

- A monumental effort was made in writing and publishing the use cases over a short time period with 16 in total (including French version of one of the articles)
- The Coastlines Dashboard press release has been developed, released and obtained coverage, and the [Coastlines Dashboard](#) embedded into the Coastlines Service page on the website.

Social Media Posts

- Stakeholder Community Newsletter: The first quarterly newsletter was published in November to 7,903 people followed by second newsletter in December prior to close-off in December.
- Publication of articles on the DE Africa website: A total of blog articles were published on the website.

Interviews and Broadcasts

- Partner profiles featured in newsletters and on the DE Africa website:
- Impact video profiling DE Africa's scientists and their contributions to climate action and sustainable development through Earth Observation (EO) tools was developed.



Real World Impact

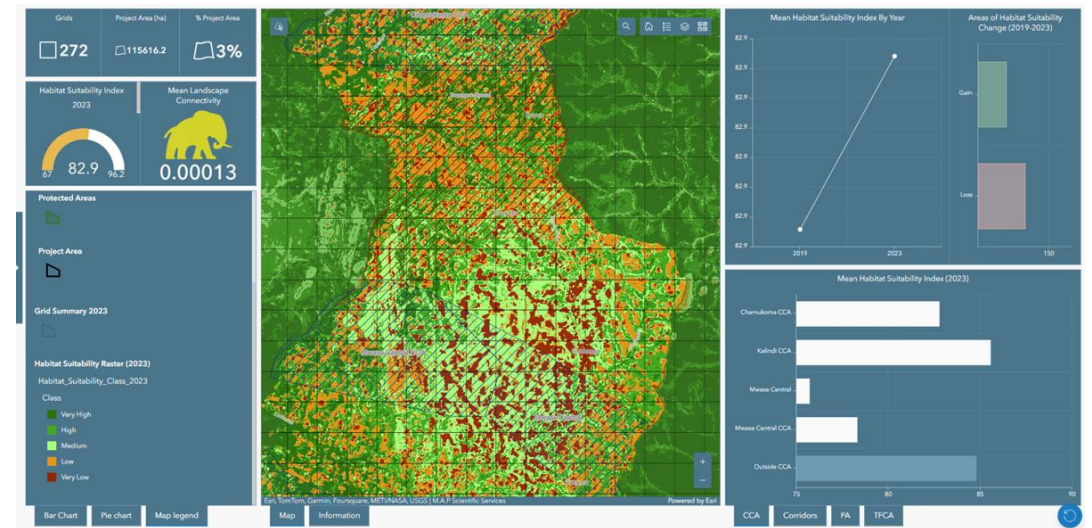
Driving Conservation and Sustainability with DE Africa Data

In the rapidly evolving field of geospatial solutions, M.A.P. Scientific Services (MAPSS) is a powerful example of applying scientific knowledge and insight to real-world environmental challenges. Founded by a trio of visionary researchers from the University of Pretoria in 2017, Dr Pieter Olivier, Andrew Purdon and Michael Mole, the company has grown into a thriving enterprise that bridges the gap between scientific research and practical implementation. Their mission: to arm conservation organisations with insights from geospatial tools and earth observation data that enhance the protection and management of vast landscapes, particularly in under-resourced areas like national parks.

Andrew Purdon, an ecologist and geographic information system (GIS) specialist with a wealth of experience in conservation projects across Africa, says that the strategic use of partner Digital Earth Africa's expansive data resources, combined with the Environmental Systems Research Institute (ESRI) platform have been central to the success of MAPSS.



MAPSS analysis provides detailed insights into animal movements and habitat preferences, which is overlaid with data on human settlements and agricultural areas.



By harnessing Digital Earth Africa's Sentinel-2 data products and the ArcGIS platform, the company performs detailed land cover classifications that are essential for understanding environmental changes over time.



Social Media Engagement

X (Twitter)

Metric	October 2024	November 2024	December 2024
Total followers	7,335	7,327	7,342
Mentions by others	64	35	10
Retweets	34	31	6
New followers	26	-14	7
Engagement rate	7,48%	6,49%	5.03%
Total tweets	13	12	15

LinkedIn

Metric	October 2024	November 2024	December 2024
Total followers	8,182	8,312	8,545
New followers	206	130	233
Post shares	41	24	44
Engagement rate	10,07%	10,51%	14.06%
Total post reactions	479	308	580
Total posts	16	13	19

Website

Metric	October 2024	November 2024	December 2024
Total users	3,284	4,678	3,752
New users	2,836	4,240	3,312
Returning users	903	1,124	844
Average engagement time	7m43s	2m39s	3m13s
Views	32,5k	33k	18k
Event count	93k	109k	62k

Newsletters

Total sends	Open rate	Click rate	Unsubscribe rate
7,903	45%	6.6%	0.39%
7,631	Open rate 43.6% 3191 opened	Click rate 8.6% 628 clicked	Bounce rate 4.1% 315 bounced
			Unsubscribe rate 0.23% 17 unsubscribed

Blog articles

16 articles written and published on the website

Media Mentions

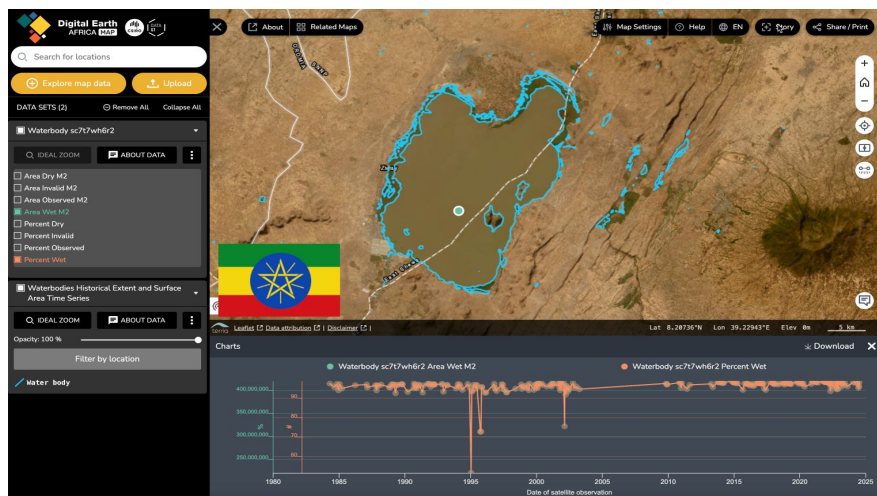
2 mentions in external publications



Driving Brand Awareness

Publications and Articles

- Harnessing the power of geospatial data for wildlife conservation
- Utilising DE Africa tools through Africa GeoPortal
- University of Rwanda and Digital Earth Africa: A Strategic Partnership for Geospatial Innovation and Capacity Building
- Keeping a watchful eye on landscape changes with the Rwandan Forest Authority
- UENR and DE Africa Forge Partnership for Geospatial and Earth Observation Data Collaboration
- DE Africa collaborates with the United Nations Food and Agriculture Organization and EOSTAT
- From drought to devastating floods – can earth observation and GIS data help protect communities?



Mapping irrigated and rainfed lands for effective water resource management (Ethiopia)



Garissa County Flood Watch dashboard to focus on high-impact zones in Garissa Town (Kenya)

- Dr Amos T. Kabo-bah, driving co-created knowledge with Digital Earth Africa
- Digital innovation for a water secure Africa
- RCMRD reveals fragile wetland ecosystems struggle against human hubs of activity
- Kenya's marine spatial plan poised to unlock mariculture investment opportunities
- Documenting the regressive evolution of African forest areas
- |Suivi des inondations dans la ville de Filingué au Niger
- Serendipity strikes as Digital Earth Africa extends into Southern Europe
- Digital Earth Africa sandbox environment ideal for estuarine water quality research
- Embarking on flood monitoring in the Filingué area, Niger



Driving Brand Awareness

Coastlines dashboard launch announcement

- Africa Daily (Australia): Digital Earth Africa launches coastal monitoring tool for informed decision making
- Guardian (Nigeria): Nigeria's 417 kilometre shoreline retreating inland at 0.5m yearly
- Brand Icon Image (Nigeria): Digital Earth Africa equips governments
- Grounds News (Australia): Digital Earth Africa launches coastal monitoring tool for informed decision making
- One News Page (United Kingdom): Digital Earth Africa launches coastal monitoring tool for informed decision making

Suwailem reviews the most important axes of the second generation of the irrigation system during the seventh Cairo Water Week

Tuesday 15/October/2024 - 12:38 AM Mahmoud Rabie

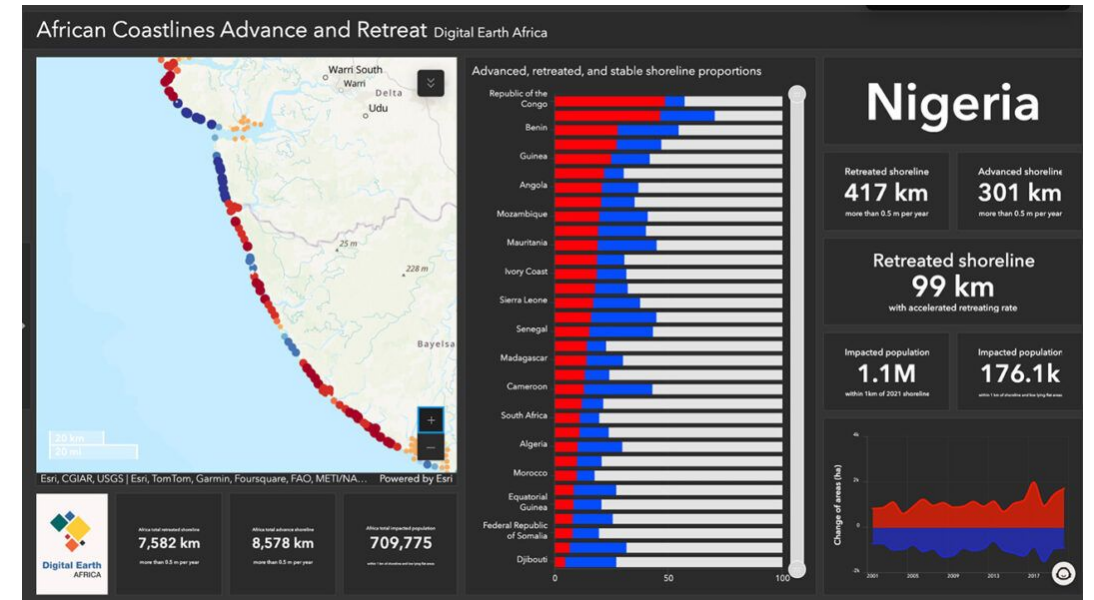


Dr. Hani Sweilem, Minister of Water Resources and Irrigation

Dr. Hani Sweilem, Minister of Water Resources and Irrigation at Cairo Water Week Egypt)

Media Mentions

- Albawabh News (Egypt): The second generation of the irrigation system (Seventh Cairo Water Week)
- News Day (Zimbabwe): Harare's water supply under threat

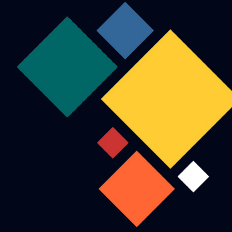


Coastlines Monitoring Service dashboard from Digital Earth Africa highlighted the human impact in Nigeria. (Nigeria)



Acknowledgements





Digital Earth
AFRICA

Connect with us

- Website: <https://www.digitalearthafrica.org>
- Maps: <https://maps.digitalearth.africa>
- Learning Platform: <https://learn.digitalearthafrica.org>
- User guide: <https://docs.digitalearthafrica.org>

Follow us on Social Media

- LinkedIn: [Digital Earth Africa](#)
- Twitter: [@DEarthAfrica](#)
- YouTube: [@digitalearthafrica](#)