

Proposed GEOGLAM Capacity Development Activities Supported by ODA Funding

This report provides a summary of proposed GEOGLAM Capacity Development activities and expenditures supported by ODA funding during UK fiscal year 2023-24, with a focus on support for ODA eligible Less Developed Countries (LDCs).

Major Events 23-24 Fiscal Year:

- **43rd meeting of the Least Developed Countries Expert Group (LEG) and NAP Project Proposal Writing Workshop, 20-24 March 2023** – GEOGLAM will conduct its first session on crop monitor project proposal writing to support LDCs to access funding to implement their national crop monitors as part of their climate change adaptation and early warning efforts. 33 LDCs have been invited, some of which had already registered their interest in GEOGLAM support at last year's NAP Expo.

Status: Complete

- **Remarks:** Overwhelming interest from LDC countries (Anglophone and Francophone alike) for regional and in-country training on the application of the GEOGLAM crop monitors for food security decision support, as well as downscaling the global crop monitors to national crop monitors. We have developed a webinar series on open EO-based crop monitoring applications to respond to this call (among others). However, the need for more focused training sessions for country experts has not been met due to meagre human and financial resources.
- **Capacity Development Workshop 23 March 2023** - Appended to the GEOGLAM ExCom meeting 21-22 March. In the agenda: Finalizing the GEOGLAM Capacity Development Guidance document; GEOGLAM In-situ data collection campaigns and coordination; and discussion on the community co-development strategy to meet emerging needs associated with NAP engagement.

Status: Complete

- **Remarks:** The workshop was a huge success, with a lot of input from the working group and community at large on case studies, tools and a way forward on enhancing institutional capacities for the application of EO for food security.
- With these insightful inputs the updated Capacity Development Guidance was officially launched at the June 2023 GEO Symposium.
 - o Translation into French, Spanish, Portuguese and Chinese are currently under-going.
 - o A webinar series on the tools and approaches to highly impactful capacity development interventions, is currently in advanced development stages
- **National Adaptation Plans Expo 27-30 March 2023** - The NAP Expo is an outreach event organized by the Least Developed Countries Expert Group in collaboration with relevant bodies and organizations. With a focus on scaling up adaptation, this year's event will be designed with a goal to pursue overarching outcomes aimed at increasing the scope and depth of adaptation actions. GEOGLAM's participation includes; Plenary session, title: Supporting the implementation of Agriculture NAPs with Earth observations; Parallel session on crop monitor project proposal writing and possible follow-up from the Comoros; Parallel session Hands-on demo on crop monitor workflows.



Status: Complete

- **Remarks:** Disseminated the Supplementary technical guidelines on Integrating EO into National Adaptation Plans, contributed to the discussions on NAP Open Data Initiative, scaling up investments and technology transfer for agriculture monitoring and food security, enhancing coordination efforts especially at national level, but also at regional and global levels, among other topics.
- This was the first time GEOGLAM participated in Latin America regional climate adaptation forum, and as such, it was a great opportunity to try close the outreach gap and enhance the regional networks and collaboration.

- **Global Adaptation Week, 28 August – 1 September 2023** – Focused on showcasing and promoting actions and practices to adapt to the impacts of climate change by accelerating formulation and implementation of countries' National Adaptation Plans and by providing adaptation practitioners with foresight thinking for resilience building. Detailed agenda/programme to be launched in March. GEOGLAM will advance support NAP implementation. Songdo being the GCF headquarters, provides further opportunity to discuss financial support for crop monitor implementation in LDCs

Status: Cancelled

- **Remarks:** Not achieved because the human resource capacity at the secretariat was exceeded at the time (staff member retired).

- **AfriGEO Symposium 18 – 23 September 2023:** The symposium is the major regional GEO event, gathering practitioners and users of Earth Observations in the continent. The 2023 theme: was 'Earth Observations for Africa's Prosperity'.

Status: Complete

- **Remarks:** The symposium was a great success, and well attended. GEOGLAM contributed 3 agenda items on integrated data for decision making; end-to-end EO grassroots service delivery; and strengthening the EO human capital in Africa.

- **GEO WEEK/Ministerial Summit, 6 -10 November 2023** – A capacity development workshop to be organized at the GEO Week, featuring recommended tools, methodologies and case studies, aimed at disseminating, learning, scaling and improving the Capacity Development Strategy and interventions by and within the GEOGLAM community and beyond.

Status: Complete*

- **Remarks:** The workshop was planned for but was not successful due to low turnout at the conference. Regardless, the Capacity working group held an impromptu meeting and developed a strategy to socialize the GEOGLAM Capacity Development Good Practices through webinars and training events, starting with the community, and expanding the reach further through regional and national networks.



- **COP28, 30 November - 12 December** – COP28 was attended from 8-11 December, the original plans on organizing session with UNFCCC-LEG, didn't materialize. GEOGLAM presentations were held during European Space Agency (ESA) and Natural capital accounting (NCA) sessions on GEOGLAM products and capacity building.

Status: Complete

- **Remarks:** Although the original set up was changed, GEOGLAM attendance of COP28 can be considered very successful. GEOGLAM was featured in several presentations (e.g. AI4EW, Artificial intelligence for Early Warning), GEOGLAM gave presentations which triggered discussions with country representatives for potential capacity building events (e.g. Chad after ESA presentation). Several side events were attended to start discussions with potential donors for GEOGLAM.
- **Webinar series: Open Earth Observation Applications for Food Security:** The objective of this webinar series was to increase support, outreach and engagement with users of GEOGLAM related agriculture monitoring data applications to support decision-making and action-taking in matters agriculture production, trade and food security. Four webinars have been conducted so far:
 - o Crop Monitors for AMIS and Early Warning – 25 October 2023
 - o ASAP – 17 November 2023
 - o GLAM – 24 January 2024
 - o CropWatch – 31 January 2024
 - o

Webinars in development:

- o [WFP] DataViz
- o GIEWS
- o ASIS
- o GADAS

Status: Ongoing

- **Remarks:** The webinars drew a lot of attention and global participation from both research and policy/development practitioners. There was also significant interest for more advanced/technical webinars as well as requests for follow-ups primarily on national/local application of the systems.

Upcoming Events

- **45 meeting of the Least Developed Countries Expert Group (UNFCCC-LEG), 20 – 23 February 2024, Burundi** – GEOGLAM will continue providing technical support to the LEG in designing and delivering programs that support LCDs to develop and implement their NAPs
- **GHACOF 66 Greater Horn of Africa Climate Outlook Forum February 20 – 21, 2024, Uganda** – GEOGLAM will attend IGAD's Climate Prediction and Applications Centre (ICPAC), GHACOF 66 meeting, themed "Early Warning for Anticipatory Action", to promote the East Africa training event and to connect to the greater horn region to increase co-design and capacity building in the region.
- **Webinar on GEOGLAM Capacity Development Good Practices, 28 February 2024:** This webinar will introduce and explain the guiding principles, methodology, approach and suite of tools from the guidance document and how they help to co-design, implement and evaluate capacity development interventions. The webinar is provided both in English and Spanish. This first CapDev webinar will lay the foundation for the design and delivery of the more advanced/detailed follow-on webinars,



dedicated to the specific tools and approaches to designing, implementing and evaluating CapDev interventions for agriculture and food security.

- **Training event: Establishing and Strengthening the Capacity for a National Crop Monitor Analysts Network in Africa, 18 - 22 March 2024.** Early warning crop monitoring tools training. 14 countries have been invited; Kenya, Uganda, Tanzania, Rwanda, Burundi, Djibouti, Ethiopia, Somalia, South Sudan, Malawi, Zambia, Mozambique, Lesotho & Yemen (3 invitees per country). The event is being developed as a template to support the implementation of the NAP Guidance in other developing regions of the world. It is focused on co-development towards the utilization of existing open science crop monitoring resources.
- **NAP Expo and Writing Workshop: April tbc:** GEOGLAM will co-organize writing session to unpack the GEOGLAM NAP Technical Supplement in order to give the interested LDC countries the fundamentals of developing an agriculture monitoring system as part of their climate adaptation and early warning strategies.
- **Humanitarian Networks and Partnerships Weeks: 29 April – 10 May:** The HNPW brings together a myriad of humanitarian actors to share experiences, good practices and innovations to enhance and strengthen humanitarian action in several thematic areas of common concern. GEOGLAM will partner with relevant actors to co-organize sessions in the Anticipatory Action and/or Climate Crisis thematic areas.

Major Expenditures (in part) Supported by ODA Funding, 2023-24 fiscal year:

- **Capacity Development Coordinator.** Extension of a junior professional position (P2 level) to supporting the development of a strategy to support the implementation of the Supplemental National Adaptation Planning Guidance document for the UNFCCC NAP process, and the coordination of contributing GEOGLAM capacity development projects in less developed countries (LDCs).
- **LDC participant travel, logistics and professional support for GEOGLAM training session(s).** The initial session will focus on enhancing crop monitoring coordination in East Africa and providing support to other less developed countries to enhance own national crop monitoring. Further sessions may be planned to respond to LDC requests for support.
- **Capacity Development Document Designer /Editor-** Short-term hire to do the final editing and design of the guidance document before its launch.
- **Capacity Development Guidance – Translations:** French, Spanish.

