

## **20th Regional Meeting + TTW– Banjul, The GAMBIA**

### **Agenda / Program**

**RM - 21 – 23 April 2025**

**TTW – 23 – 25 April 2025**

The **Objective** of this meeting is to work towards greater participation, cooperation, collaboration, and innovation to strengthen the GLOBE Program in the Africa Region. The further objective is to contribute to the data submission, participate in the 2025 IVSS and other initiatives as opportunity arises.

### **The Anticipated outcomes will be:**

Better cooperation, collaboration and greater participation in submission of data, IVSS and other opportunities as they arise. We will inform the future of GLOBE Africa and come up with some innovative ideas to make collaborative projects exciting for participation by schools and communities.

### **Capacity building:**

We start with the latest evidence-based teaching informing 1. Universal Design for Learning and why every teacher needs to incorporate it in their teaching practices.

### **Then we will give them skill training**

2. How to train students to ask questions in the class (and a technique that teachers use to generate higher order thinking exams.)

### **Followed by**

3. How GLOBE helps teachers, students and schools towards inquiry-based learning from their local environment.

### **Sunday, 20 April 2025**

Arrivals, registration, accommodation assignment,

Opening ceremony/dinner with invited guests including USA Embassy (TBC)

Welcome, Greetings and Opening Remarks

GIO



## Day 1 Monday, 21 April 2025

09:00 -10:30	<b>GLOBE Africa Regional Meeting</b> Opening Remarks and overview of GLOBE (EDC) USA Embassy - TBC  <b>Welcoming - Africa Initiatives – Discussion</b>	Mark / GIO  USA Embassy
10:30 – 11:00	Group photo - Tea break - interaction/networking Talking to media outlets <b>Minister, Ambassador, CCs</b>	
11: 00 – 13:00	<b>Discussion</b> Participation and addressing the disconnect. Report forward (limited time)	Mark GIO and CC's
13:00 – 14:00	Lunch	
14:00 -15:30	<b>Universal Design for Learning and why every teacher needs to incorporate it in their teaching practices.</b>	Dr Hameed
15:30 – 16:00	Tea break	
16:00 -16:45	<b>Website interaction, new developments and administration tools</b>	Dave/Cornell
17:00 -18:00	Capacity Building – IVSS timeline/ (project selection – evaluation)	Jackie / Hameed

## Day 2 Tuesday, 22 April 2025

08:00 – 08:30	Greetings and Opening Remarks – Summary of Day1 • Workshop Objectives, Structure & Logistics	Mark/ GIO summarize the previous day.
08:30-10:00	<b>GLOBE (Mentor trainer agenda)</b> • Introduction to GLOBE Educational Materials (Teacher's Guide, GLOBE Science Log, Data Book) • Earth As a System Poster Activity	Ngosse, Mark and Team



10:00 – 10:30	Tea break	
10:30- 12:00	<b>GLOBE/Atmosphere</b> <ul style="list-style-type: none"> <li>• What are the objectives for the Atmosphere training?</li> <li>• What is the current local weather?</li> <li>• What can data tell you about seasonal cycles?</li> <li>• What is the value of data?</li> <li>• What makes temperature data accurate?</li> <li>• How useful are spatial data? <ul style="list-style-type: none"> <li>○ Where is most data for weather predictions collected?</li> <li>○ What information about the location is important?</li> </ul> </li> <li>• What is GLOBE's Basic Atmosphere Protocols? <ul style="list-style-type: none"> <li>○ How is cloud cover determined?</li> <li>○ How can clouds be identified by type?</li> <li>○ How are Maximum and Minimum air temperature collected? <ul style="list-style-type: none"> <li>▪ What are common errors?</li> </ul> </li> <li>○ How are Precipitation Data Collected? <ul style="list-style-type: none"> <li>▪ What are common errors?</li> </ul> </li> <li>○ What is Relative Humidity and why do we need to measure it?</li> </ul> </li> <li>• How can data be entered into the GLOBE data archive?</li> <li>• What does it all mean and why is atmosphere data useful?</li> </ul>	
12:00 – 13:00	<b>Website interaction, new developments and administration tools - Continue</b>	Dave / Cornell
13:00 - 14:00	Lunch	
14:00 – 16:00	<b>Water Bodies IOP 2025, training sessions for participation- Hydrology Learning Activity</b>	Dr Francis

16:00 – 18:00	<p>Skill training</p> <p>2. How to train students to ask questions in the class (and a technique that teachers use to generate higher order thinking exams.)</p>	Hameed
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Day 3 Wednesday 23 April 2025: School visit and start with TTW after lunch

08:30 – 09:00	Greetings and review.	
09:00- 11:00	3. How GLOBE helps teachers, students and schools towards inquiry-based learning from their local environment.	Hameed
11:00 – 11:30	Tea break	
11:30 – 12:00	Planet Walk as a regional opportunity: from the GARM to the GAM 2025	Mark, John Francis
12:00 - 13:00	Lunch and wrap up of RM, Determine top priority projects to focus on at the regional level, Meeting evaluation, certification and closing remarks	
13:00	Trainers travel to training venue – others that are not travelling to their countries may join.	

Day 1 of TTW, 23 April 2025

**This will be the local teachers and strategically placed ministry officials and maybe a cc pending the return flight availability. The TTW will be held at a local school as identified by the host.**

14:00	Arrival at school, greetings and overview	Mark and trainers
14.30 -15.30	Earth as a system	

15.30 – 17.30	Protocol bundles; agriculture, air quality, mosquito, rivers and lakes, soil, urban, water quality, weather ....	
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Day 2 of TTW, 24 April 2025

08:00- 08.30	Recap	
08.30 -09.30	Teachers guide	
09.30 – 10.30	GLOBE in the classroom	
10.30 – 11.00	Tea break	
11.00 – 13.00	Exploring the tool kit; publicizing globe in the community, remote sensing, measurements and their instruments, GLOBE instruments and specifications	
13.00 – 14.00	Lunch break	
14.00 – 15.30	Experiences with classroom activities	
15.30 – 17.00	Handling data: Data capture, data entry, data analysis, data use in a classroom	

Day 3 of TTW, 25 April 2025

08:00- 08.30	Recap	
08.30 -10.30	Field experiences	
10.30 – 11.00	Tea break	
11.00 – 13.00	GLOBE in the classroom- trials in geography, biology and Mathematics	
13.00 – 14.00	Lunch break	

14.00 – 15.30	Action plans and their presentations	
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