**18th Regional Meeting + TTW– Cape Town, South Africa**

**Agenda / Program**

**17 – 20 April 2023**

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 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 come up with some innovative ideas to make collaborative projects exciting for participation by schools and communities.

Objective using the stellar canvas:

1. Communication around these topics (participation, cooperation, collaboration) to achieve the following:
	1. Contribution to data pool, IVSS project submissions and local relevant projects.
2. Capacity Building - Introduction of products (innovation)
	1. IVSS Guide
	2. IAPS
	3. Integration into National Curriculum
	4. Hydrology Learning Activity

**Sunday, 16 April 2023**

Arrivals, registration, accommodation assignment,

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

Welcome, Greetings and Opening Remarks Dr Tony Murphy

**Day 1 Monday, 17 April 2023**

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| 09:00 -10:30 | **GLOBE Africa Regional Meeting** Opening Remarks and overview of GLOBE **Welcoming - Africa Initiatives – Discussion /Participation and addressing the disconnect.****Specially to benefit new people/countries** | Mark / Tony / Phyllis Kalele, Ph.D (USA Embassy JNB) |
| 10:30 – 11:00 | Tea break - interaction/networking |  |
| 11: 00 – 13:00 | **Discussion (continue)** Planning for the workshop – Report forward | Mark GIO Staff 1 and CC’s |
| 13:00 – 14:00 | Lunch |  |
| 14:00 -15:00n | Website interaction, new developments and administration tools | Dave Overoye |
| 15:00 – 16:00 | Planet Walk – ZOOM PresentationJoin Zoom Meeting<https://us02web.zoom.us/j/81286283848?pwd=OW4xUlJlQVNKQ1hwK2U3ZGhULzZkQT09>  | Dr John Francis  |
| 16:00 – 16:15 | Tea break  |  |
| 16:15 -16:45 | **Discussion (End)** Planning for the workshop – Report forward | Mark GIO Staff 1 and CC’s |
| 17:00 -18:00 | Capacity Building - Introduction of products (innovation)* IVSS Guide
 | Mark/ Charles via ZOOM |

Day 2 Tuesday, 18 April 2023

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| 08:00 – 08:30 | Greetings and Opening Remarks – Summary of Day1* Workshop Objectives, Structure & Logistics
 | Mark/Tony? GIO staff could summarize the previous day. |
| 08:30-10:00 | GLOBE* Introduction to GLOBE Educational Materials (Teacher’s Guide, GLOBE Science Log, Data Book)
* Earth As A System Poster Activity
 | Mark and Team |
| 10:00 – 10:30 | Tea break  |  |
| 10:30 – 11:00 | Capacity Building - Introduction of products (innovation)* GLOBE materials integration into National Curriculum
 | Paul Randrianarisoa CC Madagascar |
| 11:00- 13h00 | GLOBE/Atmosphere* What are the objectives for the Atmosphere training?
* What is the current local weather?
* What can data tell you about seasonal cycles?
* What is the value of data?
* What makes temperature data accurate?
* How useful are spatial data?
	+ Where are most data for weather predictions collected?
	+ What information about the location is important?
* What are GLOBE’s Basic Atmosphere Protocols?
	+ How is cloud cover determined?
	+ How can clouds be identified by type?
	+ How are Maximum and Minimum air temperature collected?
		- What are common errors?
	+ How are Precipitation Data Collected?
		- What are common errors?
	+ What is Relative Humidity and why do we need to measure it?
 | Rogeline and Team |
| 13:00 - 14:00  | Lunch  |  |
| 14:00 – 15:00 | **Water Bodies IOP, training sessions for participation** | Dr Francis Nsubuga |
| 15:00 – 16:00 | Mosquitoes and Vector borne diseases research MHM and value for AfricaJoin Zoom Meetinghttps://us02web.zoom.us/j/86338533937?pwd=ZkdreUZQYlBrTmpFa2lMRHhGSm9TZz09 | Dr Boger /Rusty Louw |
| 16:00 – 16:15 | Tea Break |  |
| 16:15 – 18:00 | Capacity Building - Introduction of products (innovation)Hydrology Learning Activity | Dr Francis Nsubuga |

Day 3 Wednesday 19 April 2023

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| 08:30 – 09:00 | Greetings and review | Mark/Tony? GIO staff could summarize the previous day. |
| 09:00- 10:00 | GLOBE/Atmosphere (continued)* How can data be entered into the GLOBE data archive?
* What does it all mean and why are atmosphere data useful?
 | Dave Overoye |
| 10:00 – 10:30 | Tea break  |  |
| 10:30 – 13:00 | GLOBE/Atmosphere + Land Cover+HydrologyData Collection / Data submission | Dr Francis and team |
| 13:00 - 14:00  | Lunch  |  |
| 14:00 – 15:30 | **BioSCape Airborne Campaign as a host country opportunity****Join Zoom Meeting****https://us02web.zoom.us/j/86890027159?pwd=bW9Xdk5UZmZYWUlubFE2dS9tZFBXUT09** | Dr. Brenna Briggs (NASA) |
| 15:30 -15:45 | Tea Break |  |
| 15:45 – 17:00 | GLOBE/Atmosphere + Land Cover+HydrologyData Collection / Data submission | Dr Francis and team |
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Day 4 Thursday 20 April 2023

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| 08:30 – 08:40 | Greetings and review | Mark/Tony? GIO staff could summarize the previous day. |
| 08:40- 10:00 | **Capacity Building - Introduction of products (innovation)****Invasive Alien Plant Species** | Mark /Rogeline |
| 10:00 – 10:15 | Tea break (working break) |  |
| 10:15 – 11:00 | GLOBEGLOBE Data entry, evaluation, certification and closing remarks - continue | Rogeline/team |

**Addition to Agenda:**

1. **Sessions for virtual participation**
2. **Alumni presentation / Empangeni High School presentation/exhibition**
3. **EnviroWorks Exhibition**
4. **Kwa session**