

Agenda GFP Conference

EW4ALL: Strengthening resilience against flooding - Know, Monitor, Communicate, Respond!

Trademark Hotel, Village Market, Limuru Rd, Nairobi, Kenya, July 24-26th, 2024.

DAY 1 – Wednesday July 24th, 2024

Day chair: Albert Kettner

8:00 – 8:30	Registration	
8:30 – 8:45	Albert Kettner - Chair GFP; Univ. of Colorado, USA	Welcome & Introduction
8:45 – 8:55	Amjad Abbashar, UNDRR	Welcome
8:55 – 9:05	John Mathiaas Kiriwai, AUC	Welcome
9:05 – 9:50	Guy Schumann – RSS-Hydro, Luxembourg & Albert Kettner – Univ. of Colorado, USA	Plenary icebreaker - interactive
9:50 – 10:10	Marco Massabò - UNDRR, Kenya	EW4All - Pillar 1
10:10 – 10:30	Coffee Break	
10:30 – 10:50	Phoebe Oduor - NASA /SERVIR, Huntsville, Alabama, USA	Leveraging Earth Observation for Early Warning
10:50 – 11:10	Bastian van den Bout - ITC, University of Twente, the Netherlands	FastFlood.org; Rapid Flood simulation techniques linked with global datasets
11:10 – 11:30	Andre Kanga Foamouhoue - ACMAD (African Centre of Meteorological Applications for Development), Niger	Flood monitoring and forecasting for Africa: Challenges and opportunities along the value chain.
11:30 – 11:50	Marc Manyifika – World Resources Institute - Africa, Rwanda	Urban Water Resilience
11:50 – 13:00	Lunch break	
13:00 – 14:15	Poster introductions (oral session)	Plenary Poster Introduction session (2-minute presentations)
14:15 – 16:15 (incl. 15 min coffee break)	Market places	GFP Marketplace - Find out about new software, tools & ideas and discuss them at the marketplace! (See below the agenda for more info)
16:15 – 17:30	Poster presentations	2min poster intro + Poster presentations

19:00 Social Dinner at: Zen Gardens. Lower Kabete Rd, Nairobi. tel: +254 714 744 231

DAY 2 – Thursday July 25th, 2024

Day chair: Mark Trigg

8:15 - 8:20	Mark Trigg - University of Leeds, UK	Opening of day 2
8:20 – 9:35	Ignite presentations	Ignite presentation (5 minutes each)
8:35 – 9:40	Award ceremony	Albert Kettner
9:40 – 10:00	Dorien Lugt - HKV, the Netherlands	Urban Flood Forecasting using geo-stationary satellite based rainfall information
10:00 – 10:20	Elizabeth Mroz - University of Leeds, UK	Floods and Climate Change: A Method to Assess Impacts on Maternal Health Access
10:20 – 10:40	Coffee break	
10:40 – 12:30	Workshops	Workshop 1: Pillar 1 Workshop 2: Pillar 2
12:30 – 13:30	Lunch break / posters	
	VISIT to the ICPAC AMHEWAS	
13:30 – 14:00	Transfer to ICPAC	
14:00 – 14:15	Welcome	
14:15 – 16:00	Visit to the Situation Room	
16:00 – 17:00	Q&A	
17:00	Transfer to Zen Garden. Lower Kabete Rd, Nairobi. tel: +254 714 744 231	

DAY 3 – Friday July 26th, 2024

Day chair: Roberto Rudari

8:15 – 8:20	Roberto Rudari – CIMA, Italy	Opening of day 3
8:20 – 8:40	Christopher Kusimba Masafu - University of Glasgow/Gallagher Re, UK	Advancing Flood Risk Management: Estimating River Discharge and Validating Flood Models Using Satellite Video Remote Sensing
8:40 – 9:00	Christopher Sampson - Fathom, UK	The accelerating adoption of global flood models across the financial sector
9:00 – 9:20	Brigitte Gicharu - Women of Nature Initiative, Kenya	The impacts of these floods are multifaceted
9:20 – 9:40	Lorenzo Alfieri - CIMA, Italy	Multi-hazard early warning in Africa
9:40 – 10:00	James Wanjohi Nyaga -RCMRD, Kenya	Strengthening the network of centers of excellence for Disaster Risk Reduction
10:00 – 10:20	Mathews Wakhungu & Allan Ouko - Kounkuey Design Initiative, Kenya	Contextual and Riparian Flood Mapping: Learning from Practice in Informal Settlements
10:20 – 10:40	Coffee break	
10:40 – 12:30	Workshops	Workshop 3: Pillar 3 Workshop 4: Pillar 4
12:30 – 13:30	Lunch Break	
13:30 – 14:10	Report back from the 4 workshops	
14:10 – 14:45	EW4ALL: discussion on how to move forward	
14:45 – 15:00	Closing remarks and adjourn	

Marketplace booths (Wednesday, July 24th – afternoon)

1. *Dissemination of meteorological information*, by **Pedro Joao Pedro**, Bairro das Mahotas Maputo - Mozambique.
2. *Urban flooding / nowcasting rain - or cyclone impact forecasting*, by **Martijn Kwant**, Deltares, the Netherlands.
3. *RISE - Remote Images Support for Emergencies*, by **Paolo Campanella**, WASDI Sarl, Luxembourg. [monitor]
4. *Google Flood Forecasting*, by **Oleg Zlydenko**, Google NYC, USA. [monitor]

5. *Risk-sensitive spatial planning approaches*, by **Emmanuel Mwenje**, University of Nairobi, Kenya.
6. *Global River Topology (GRIT) - Showcasing a global bifurcating river network*, by **Laurence Hawker**, University of Bristol, UK.
7. *GEOGLOWS Version 2 and the AWS Open Data Sponsorship*, by **Jim Nelson**, Brigham Young University, USA. [monitor]
8. *Global Flood Awareness System (GloFAS) and Global Flood Monitoring (GFM)*, by **Ervin Zsoter**, ECMWF, UK & **Patrick Matgen**, LIST, Luxembourg.
9. *EOTEC DevNet Global Flood Tools Tracker*, by **Guy Schumann**, RSS-Hydro, Luxembourg. [monitor]
10. *Urban floods, fast developments*, by **Dorien Lugt**, HKV, the Netherlands.
11. *FastFlood & PARATUS*, by **Bastian van den Bout**, Twente University, the Netherlands. [monitor]
12. *The MyDewetra platform for hazard monitoring and forecasting*, by **Lorenzo Alfieri**, CIMA, Italy. [monitor]

Ignite presentations (Thursday, July 25th – afternoon) MAX 5 Minute long each

1. *Empowering Communities: Strategies for Effective Communication and Dissemination in EW4ALL's Flood Resilience Initiative*", by **Edward Kusewa**, St.Paul's Univ., Kenya.
2. *Leveraging Indigenous Knowledge for Flood Resilience*, by **Ambrose Otachi**, The Creation Care, Kenya.
3. *The use of Nature based Solutions to build Urban Resilience to Floods in Africa: A case of 2022 flood in Durban, South Africa*, by **Johanes Amate Belle**, University of the Free State-Disaster Management Training and Education Centre for Africa (UFS-DiMTEC), South Africa.
4. *Enhancing agent-based modeling for flood displacement management in the IGAD Region*, by **Eleonora Panizza**, CIMA Research Foundation - University of Genoa, Italy.
5. *Enhancing Nowcasting Weather Forecasts for Vulnerable Communities in Zambia*, by **Micah Namukoko**, Zambia Meteorological Department, Zambia.
6. *The Role of Social Capital in Enhancing Resilience to Flooding in Nairobi's Informal Settlements*, by **Irene Karani**, Institute of Climate Change Adaptation, University of Nairobi, Kenya.
7. *Soil Erosion in Kenya*, by **Judith Mmbone**, NGO, Kenya.
8. *Study on disaster Risk Preparedness in Informal Settlements of Nyeri Town, Nyeri County, Kenya*, by **Serah Muthoni Gitau**, NGO, Kenya.
9. *GEOGLOWS and Early Warning for All Projects in Collaboration with the Nile Basin Initiative (NBI)*, by **Jim Nelson**, Brigham Young University, USA.
10. *Flood Assessment and Hydrological Outlook in the Nile River Basin - Nile Equatorial Lakes Region*, by **Calvince Akello Wara**, Nile Basin Initiative, Uganda.
11. *Recent evolution of the Global Flood Awareness System*, by **Ervin Zsoter**, ECMWF, UK.
12. *Simple solutions for complex challenges: a tracker to help flood managers navigate EO tools*, by **Guy Schumann**, RSS-Hydro, Luxembourg.
13. *Early Warning System 1294: An Adaptable Technology Promoting Safety for All*, by **Aneta Jelinkova**, People in Need, Ethiopia.

Poster presentations (Wednesday, July 24th and Thursday, July 25th)

1. *Floods Disaster management.* **Samuel Achieng.** Rarieda Farmers Association, Kenya.
2. *My flood experience.* **Samuel Mundara.** KEDEZA society of Kenya, Kenya.
3. *Integrated Approach to Urban Flood Risk Management - The GARID as a Case Study.* **John Kissi.** Ghana Hydrological Authority, Ghana.
4. *TBD.* **Momodou Senghore.** National Early Warning and Response Mechanism Coordinating Centre (NCCRM), Gambia.
5. *TBD.* **Makori Nyangau.** Ahta environment org, Kenya.
6. *The Impact of Climate Change and Coastal Flooding on Socio-economic Livelihood of Mangrove-dependen Communities in Lamu County, Kenya.* **Solomon Njenga.** University of Nairobi, Kenya.
7. *LAPSSET Corridor program.* **Mwirigi Ananga.** LAPSSET, Kenya.
8. *Know more about future of food.* **Veronica Ondere.** Accountant, Kenya.
9. *Resilience amidst adversity: Lessons from Kenya's flood experience.* **Phares Ogola.** Solidarity For Peace – Kenya, Kenya.
10. *TBD.* **Dje Janvier Dje bi,** Cote d'Ivoire.
11. *Water-Related Disaster Control.* **James Nyabola.** Hopeo Kenya, Kenya.
12. *Land right for women in Kenya.* **Benta Auma.** NGO, Kenya.
13. *Disaster risk reduction in the SADC region.* **Alice Ncube.** University of the Free State, South Africa.
14. *TBD.* **Njea Kendi.** NGO, Kenya.
15. *TBD.* **Nishadh Kalladath.** IGAD Climate Prediction and Application Centre, Kenya.
16. *Empowering Communities through Flood Risk Awareness: The Knowledge Pillar of EW4ALL.* **Patrick Kimiti.** Community Environmental Network, Kenya.
17. *Floods and its economic and social impact on Kenyans.* **Lucy Ndungu.** Green Women Africa, Kenya.
18. *WTW.* **Neil Gunn.** WTW, United Kingdom.
19. *Fencing lands to Enhanced Climate change Resilience, promoting biodiversity regeneration and Improved Livelihoods of climate change in Makueni County.* **Francis Keya.** Civil Society, Kenya.
20. *The effects of extreme floods in Kenya.* **Frank Wesonga.** NGO, Kenya.
21. *TBD.* **Sandro Martinis.** German Aerospace Center (DLR), Germany.
22. *Predicting Flash Floods with Machine Learning.* **Oleg Zlydenko.** Google Research, Israel.
23. *Flood risk management and local development in the Dyonkoto - Boubon strip in Niger: remote sensing approach.* **Lemonla Armel Otekpo.** Africa Youth Advisory Board (AYAB) Disaster Risk Reduction (DRR), Benin.
24. *Quantifying Community Infrastructure Resilience to Inundation.* **Julia Zimmerman.** USArmy ERDC, United States (USA).
25. *Active Community Based Participation in Coastal Waste Management through CBA.* **Ayodele Oduwole.** Federal Polytechnic Ilaro, Nigeria.

26. *Integrating indigenous knowledge in monitoring, understanding and managing extreme weather in South Africa.* **Miriam Murambadoro.** South African Weather Service, South Africa.
27. *Weather Information Services Early Warning for Southern Africa (WISER_EWSA).* **Peggy Thole.** Meteorological Department - Government, Zambia.
28. *Impacts of Flooding to the lives of residents of Informal settlements in Nairobi.* **Kezia Ojal.** Kounkuey Design Initiative, Kenya.
29. *TBD.* **Evet Naturinda.** University of Reading, United Kingdom.
30. *TBD.* **James Ndolo.** Greenfy Africa, Kenya.
31. *Socio-economics benefits of Water User- Interface in Africa: Case Study on Flood Mitigation.* **Mansur Bako-Matazu.** African Centre of Meteorological Applications for Development (ACMAD), Niger.
32. *Understanding Flood Seasonality, Characterization and Prediction of Risks in the Congo River Basin.* **Gode Bola Bosongo.** University of Kinshasa/Regional Center for Nuclear Study, Democratic Republic of the Congo.
33. *The Evolving Morphology of Pool Malebo, Congo River: A Remote Sensing-Based Assessment of River floods Impacts.* **Ahmed Anis Babesse.** Makerere University, Uganda.