



World Meteorological Organization

Weather • Climate • Water

Introduction and Overview of the Meeting and Expected Outcomes for the two Events



Project Objectives

- Integrating the Severe Weather Forecasting Demonstration Project (SWFDP) and Southern African Region Flash Flood Guidance System (SARFFGS) programs to improve forecasting of severe hydrometeorological events by National Meteorological and Hydrological Services (NMHSs),
- Linking the SWFDP and SARFFG systems to enhance user interfaces and expand the suite of products available to forecasters using the systems,



Project Objectives (Cont.)

- Strengthening the capacity NMHSs to provide timely and effective early warnings of extreme hydrometeorological events with appropriate lead times for taking action, and
- Developing products and information that addresses needs of users such as National Disaster Management Agencies, NGOs, UN and general public to reduce loss of lives and livelihoods and to protect property and the environment in the Southern Africa region due to extreme hydrometeorological events.



Aims of the Meetings

- To improve accuracy, lead time, communication and dissemination of early warnings of extreme hydrometeorological hazards with appropriate lead times to reduce loss of lives and livelihoods and to protect property and the environment in the Southern African region.



Workshop Purposes

- Introduce the Integration Project on bridging and enhancing the two systems capabilities, by bringing experts together to review system architecture and to further develop and agree upon the system integration implementation plan (also referred to as the Roadmap) for both the national and regional levels,
- Establish DRR user community input on warning requirements and value of decision support tools and products that are needed to promote effective responses, and
- Begin the process of developing Concept of Operations Plans (CONOPS) for the integrated programmes linking the systems within each country and at the regional level.



Workshop Outcomes

- An increased understanding amongst participants of the SWFDP-SA and SARFFG projects and the efforts to integrate system capabilities,
- Input by the DRR user community for the types of warning products and services required to improve emergency responses, and
- An increased understanding amongst participants of the capabilities and capacities of NMHSs and their users' needs and requirements for early warnings for extreme hydrometeorological hazards,



Workshop Outcomes (Cont.)

- Feedback on potential new and enhanced features of the SARFFG Forecaster User Interface including user-defined layers (e.g., terrain, political boundaries, roads, building locations, etc.),
- Initial development of a roadmap (framework) to integrate the SWFDP and SARFFG projects to improve interfaces/products/information from both projects to strengthen the capacities of NMHS to better support their users for early warnings of hydrometeorological hazards, and
- Initial development of a draft Concept of Operations Plan document for each country and regional centre to outline the application of the integrated and linked SWFDP-SA and SARFFG systems into their forecast and warning operations.





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Thank you for your attention

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