



## Strengthening Regional Cooperation to Support Forecasting with Multi-Hazard Approach in RA IV

(With focus on the gaps and needs identified through the Central American Pilot Projects and the Caribbean initiative for strengthening Multi-Hazard Early Warning Systems)

**Ritz Carlton – Grand Cayman  
George Town, Cayman Islands  
7 March 2011**

Website: [http://www.wmo.int/pages/prog/drr/events/CaymanIslands/index\\_en.html](http://www.wmo.int/pages/prog/drr/events/CaymanIslands/index_en.html)

### AGENDA

<b>Early Registration – Sunday 6 March 2011</b>	
<b>Monday, 7 March 2011</b>	
0730 – 0900	Registration
<b>Session 1: Opening Session</b>	
0900 – 0930	Master of Ceremonies: Mr. Fred Sambula Director General, Cayman Islands National Weather Service <ul style="list-style-type: none"> <li>➤ Welcome Remarks - Mr. Fred Sambula</li> <li>➤ Prayer</li> <li>➤ The National Song and National Anthem</li> <li>➤ Remarks on behalf of WMO Secretary general - Dr. Mary Golnaraghi, Chief of Disaster Risk Reduction, WMO</li> <li>➤ Mr. Donovan Ebanks, MBE, Deputy Governor</li> <li>➤ Mr. Arthur Rolle, President of Regional Association IV</li> <li>➤ Vote of Thanks, Mr. McLeary Frederick, Director Hazard Management Cayman Islands</li> </ul>
<b>Chair: Mr. Arthur Rolle, President of WMO Regional Association IV</b>	
<b>Session 2: Background and Review of Major Hazards and Forecasting Capacities</b>	
0930 - 1015	<ul style="list-style-type: none"> <li>➤ Overview of the DRR initiatives in Central America and the Caribbean – Maryam Golnaraghi, WMO</li> <li>➤ Objectives and structure of the Technical Meeting – Peter Chen, WMO</li> <li>➤ Regional cooperation in forecasting - lessons learned from regional cooperation in the WMO Severe Weather Forecasting Demonstration Project (SWFDP) in other regions and Tropical Cyclone Cooperation in RA IV               <ul style="list-style-type: none"> <li>- Peter Chen, WMO</li> <li>- Bill Read, Chairman of the Wmo RA IV Hurricane Committee</li> </ul> </li> <li>➤ Outcomes of consultations in RA IV pertaining to priority meteorological, hydrological and marine-related hazards and needs for forecasting capacity development –               <ul style="list-style-type: none"> <li>- Juan Carlos Fallas Sojo – Chair of WMO RA IV DRR Task Team</li> </ul> </li> </ul>
<b>Session 3: Review of Latest Forecasting Capacities, Tools and Technologies for Meteorological, Hydrological And Marine-Related Hazards</b>	

1015 – 11:30	<ul style="list-style-type: none"> <li>➤ Latest meteorological tools and technologies for forecasting severe weather and other meteorological conditions (e.g. tropical cyclones, heavy rainfall, high winds) <ul style="list-style-type: none"> <li>- Jean Noel Degrace, Météo-France</li> </ul> </li> <li>➤ Latest tools and technologies for forecasting hydrological hazards (e.g. flash flooding, riverine flooding) <ul style="list-style-type: none"> <li>- Robert W. Jubach, Hydrologic Research Center</li> </ul> </li> <li>➤ Latest tools and technologies for forecasting marine and coastal hazards (e.g. storm surge, coastal inundation, high impact oceanic swells) <ul style="list-style-type: none"> <li>- Daniel Brown, U.S. National Weather Service</li> </ul> </li> </ul>
1130 – 1145	<b>Coffee break</b>
1145 – 1230	<b>Discussion: Challenges and opportunities for the provision of tools and technologies to support monitoring forecasting and warning of priority hazards in RA IV to be demonstrated through the Central American Pilot Projects and the Caribbean Initiative</b>
1230-1245	<b>Group Photo</b>
1245 – 1400	<b>Lunch</b>
<b>Session 4: Global and regional centres and other institutions that could contribute to the development of technical forecasting capacities in RA IV</b>	
1400 - 1600	<p>This session will include presentations on availability of technical capacities, products and services relevant to all priority hazards in RA IV:</p> <ul style="list-style-type: none"> <li>➤ Technical capacities, forecast and satellite products and services available through USA Centers (RSMC-Miami Hurricane Center, NCEP, satellite data and products such as for heavy precipitation estimation, etc) – Bill Read, Chairman of the Wmo RA IV Hurricane Committee</li> <li>➤ Technical capacities, forecast and satellite products and services available through Météo-France and ECMWF – Jean Noel Degrace by Météo-France</li> <li>➤ Technical capacities, training, products and services available through CIMH – Dr. David Farrell</li> <li>➤ Requirements for various observations for real-time monitoring and forecasting of priority hazards through various platforms and synergies across existing projects (e.g., Carib HYCOS, CARIB WIGOS) to support nowcasting and forecasting of various hazards – CMO, WIGOS/CBS, Carib-Hycos</li> <li>➤ ICG Tsunami Early Warning Systems for the Caribbean and Adjacent Seas – Rafael Mojica</li> </ul>
1600-1615	<b>Coffee break</b>
<b>Session 5: Discussion: Challenges and opportunities for global and regional products and services to support capacity development in forecasting for priority hazards in the region and planning and organizing for the development of an implementation plan for strengthening hazard forecasting</b>	
<i>The following topics will be addressed in this discussion session:</i>	
<ul style="list-style-type: none"> <li>▪ Prioritization of capacity development for hazards in the region</li> <li>▪ Country groupings for implementation of hazard capacity development in context of Caribbean MHEWS initiative and central America DRR Pilot projects</li> <li>▪ Integration of existing projects/initiatives (e.g. Carib WIGOS, CARIB-HYCOS) with latest forecasting tools and methodologies</li> <li>▪ Mechanisms for the provision of global and regional guidance products in RA</li> <li>▪ Demonstration of capacity development through the Caribbean and the Central America pilot projects with phased approach, priorities for phase I (2 years)</li> </ul>	
1615 - 1745	<ul style="list-style-type: none"> <li>➤ Regional Capacities of NMHS in forecasting of priority hazards (Results of the Questionnaire) – <ul style="list-style-type: none"> <li>- Peter Chen</li> <li>- Gabriel Arduino WMO</li> <li>- Jose Rubiera (outcomes of the storm surge workshop in DR and the questionnaire)</li> </ul> </li> <li>➤ Proposal for the Phase-I project in the Caribbean – Dr. Albert Martis, Chair of DRR RA IV Task Team for the Caribbean</li> </ul>
1745 – 1800	Summary of outcomes and closing of the Meeting