



GFDRR
Global Facility for Disaster Reduction and Recovery



***The World Bank and the World Meteorological Organization
cordially invite you to a presentation of:***

Weather and Climate Resilience Effective Preparedness through National Meteorological and Hydrological Services

Wednesday, 27 November, 2013

**9:30 a.m. – 11:30 a.m. (welcome coffee at 9:00 a.m.)
Room C1, World Meteorological Organization (WMO)
7bis Avenue de la Paix, Geneva ([Google Map](#))**

Faced with the growing risks of weather and climate disasters to economic and social development, the global community needs to act quickly to strengthen National Meteorological and Hydrological Services (NMHSs). This strengthening should be done in a way that transforms agencies—especially in the developing world—into robust professional agencies capable of delivering the right information to the right people at the right time. Although the price tag of modernizing and sustaining NMHSs will be considerable, the rewards for the country and its citizens will be much higher. The World Bank, working closely with the World Meteorological Organization (WMO) and other development partners, can help countries navigate this complex task in a timely, efficient manner. For more information and to download the full report, please [click here](#).

WELCOME

Mr. Michel Jarraud, Secretary-General, World Meteorological Organization

PRESENTATION

Dr. David Rogers, President, Health and Climate Foundation

Dr. Vladimir Tsirkunov, Team Leader, Hydromet Program, Global Facility for Disaster Reduction and Recovery (GFDRR), World Bank

DISCUSSANTS

Dr. Christian Plüss, Director General, MeteoSwiss

Dr. Mike Gray, Head, International, U.K. Met Office

MODERATOR

Mr. Daniel Kull, Senior Disaster Risk Management Specialist, Global Facility for Disaster Reduction and Recovery (GFDRR), World Bank

REGISTRATION

Please [click here](#) to register by Monday, November 25, 2013

For any questions about the event, please contact

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“Weather and Climate Resilience: Effective Preparedness through National Meteorological and Hydrological Services emphasizes one of the key challenges of our time: preparing for the extreme weather, climate and water events that are and will be increasingly affecting our lives and livelihoods. The World Meteorological Organization has been strongly advocating for this challenge that can be faced only through effective operational National Meteorological and Hydrological Services. However, in many areas of the world often these institutions lack the necessary capacity and resources, and sometimes even the political recognition, to deliver on their critical tasks. We welcome this report as an important contribution of the World Bank to raise the profile of hydro-meteorological services and demonstrate the benefits of further investing in meteorological and hydrological infrastructures: weather, climate and disaster risk reduction are central to any national and international agenda.”

Michel Jarraud, Secretary-General, World Meteorological Organization

"With rapidly growing climate impacts, there is an increased need for information products and services for climate-sensitive sectors, from agriculture to water management, from disaster risk reduction to health, to transport, to energy. Yet today about 70 countries, including most Least Developed Countries and Small Island Developing States, lack adequate technical, institutional and operational capabilities to generate and deliver climate services. The role of National Meteorological and Hydrological Services is critical to this effort, as recognized by the Intergovernmental Board on Climate Services, the governing body supervising the implementation of the Global Framework for Climate Services. The engagement of stakeholders through partnerships is one of the core elements of the Global Framework, an initiative built on user needs, by the users. The report Weather and Climate Resilience: Effective Preparedness through National Meteorological and Hydrological Services is the clear demonstration of the importance of partnerships for delivering weather and climate services: increasing investments in modernizing hydro-meteorological services will have a significant return on our ability to address the risks and opportunities of climate change.”

Anton Eliassen, Chair, Intergovernmental Board on Climate Services (IBCS)

