



## Action pledge to the Nairobi Work Programme

Name of the project	<b>Climate information, products and services for adaptation</b>
Overall objectives	<ul style="list-style-type: none"> <li>• Contribution to NWP activities related to “Methods and tools”; “Adaptation practices and planning”; and “Research and technologies for adaptation”.</li> <li>• Contribution to calls for action: “Raise awareness on adaptation actions at international and regional levels in order to help facilitate coordination (#1)”; “Improve and Disseminate risk assessment tools and methods for addressing climate change-related health risks (#7)”; and “Development of user-targeted products and services for adaptation” (new, proposed).</li> </ul>
Project purpose	<ul style="list-style-type: none"> <li>• To bring together climate and sectoral experts from international, regional and national institutions to identify and understand the needs of core socio-economic sectors for climate risk management and adaptation at various levels;</li> <li>• To develop and to optimize application of user-targeted climate information, products and services for climate risk management and adaptation;</li> <li>• To build technical capacity for development and application of climate services of national climate experts and user communities, particularly in developing and least developed countries.</li> </ul>
Activities	<ul style="list-style-type: none"> <li>• Organize and/or co-sponsor multisectoral expert meetings, conferences and workshops (climate and : health, energy, tourism, urban planning, etc) including (for 2008):             <ul style="list-style-type: none"> <li>○ WMO CCI Expert Teams:                 <ul style="list-style-type: none"> <li>▪ Climate and Tourism (Waterloo, Canada, 18-21 Nov. 2008)</li> <li>▪ Urban and Building Climatology (Geneva, Switzerland, 28-29 July 2008)</li> </ul> </li> <li>○ 18<sup>th</sup> International Congress of Biometeorology (Tokyo, Japan, 22-26 September 2008)</li> </ul> </li> <li>• Publish joint Guidance documents for capacity building and awareness of NMHSs and sectoral user-groups including (2008-09):             <ul style="list-style-type: none"> <li>○ WMO WHO Guidance on Heat Health Warning Systems</li> <li>○ WMO Technical Note on Building Climatology</li> <li>○ WMO Technical Note on Socio-economic Benefits of Climate Services</li> <li>○ UNWTO UNEP WMO ‘Climate Change and tourism: responding to Global Challenges’</li> <li>○ WMO Best Practices for RCOF operations, verification and user liaison;</li> </ul> </li> <li>• Coordinate and promote sessions of RCOFs including those for the Greater Horn of Africa (GHACOF), Southern Africa (SARCOF); Western Africa (PRESAO); Western Coast of South America (WCSACOF), Asia (FOCRAll); and initiate new RCOFs</li> </ul>

	<p>in vulnerable regions (e.g. southeastern Europe);</p> <ul style="list-style-type: none"> <li>• Coordinate and publish El Niño and La Niña Updates, consensus-based assessments/outlooks, as required, based on significant changes in the ENSO cycle;</li> <li>• World Bank GFDRR project on climate modelling for adaptation;</li> <li>• Establish the mechanism for WMO designation of Regional Climate Centres within the WMO technical regulations;</li> <li>• Conduct regional training workshops for climate experts and user groups including (for 2008): <ul style="list-style-type: none"> <li>○ WMO WCRP IPY CLIPS Workshop for polar regions (8-11 September 2008, St Petersburg, Russian Federation)</li> </ul> </li> <li>• Develop/expand the CLIPS training curriculum</li> </ul>
Expected results	<ul style="list-style-type: none"> <li>• Enhanced capabilities of WMO's NMHSs and of socio-economic sectors to identify and understand vulnerability, climate sensitivity, impacts and options for adaptation for effective climate risk management;</li> <li>• Enhanced capabilities of WMO's NMHSs to: <ul style="list-style-type: none"> <li>○ carry out skilful and reliable long-range forecasting (monthly, seasonal to interannual prediction) and climate prediction and projections;</li> <li>○ provide user-relevant seasonal prediction and products and services for coping with climate variability and change;</li> </ul> </li> <li>• Enhanced partnerships between WMO and other international organizations and societies for climate-relevant research, capacity-building, outreach, product generation.</li> </ul>
Indicators of Achievement	<ul style="list-style-type: none"> <li>• Numbers of WMO Members that: <ul style="list-style-type: none"> <li>○ develop tailored products and services for sectors including health, energy, tourism, urban planning, etc.</li> <li>○ conduct user surveys on climate-related needs, decision processes and product feedback</li> <li>○ can provide improved long range forecasting and climate predictions as a result of training</li> <li>○ can interpret and advise government and users on climate projections and assessments of climate change</li> <li>○ participate in RCOFs</li> </ul> </li> <li>• Numbers of: <ul style="list-style-type: none"> <li>○ agencies with which WMO and Members have a formal understanding (letters of Agreement, MOUs, etc)</li> <li>○ co-sponsored multidisciplinary events (training, conferences)</li> <li>○ joint publications</li> <li>○ user groups participating in RCOFs</li> <li>○ WMO-designated Regional Climate Centres</li> </ul> </li> </ul>
Acronyms	<ul style="list-style-type: none"> <li>• CCI: Commission for Climatology</li> <li>• CLIPS: the Climate Information, Products and Services project</li> <li>• FOCRAII: Forum on Regional Climate, Monitoring, Assessment and Prediction for Asia</li> <li>• IPY: International polar Year (2007-2008)</li> <li>• NMHS: National Meteorological and Hydrological Service</li> <li>• RCOF: Regional Climate Outlook Forum</li> <li>• UNEP: UN Environment Programme</li> <li>• UNWTO: UN World Tourism Organization</li> <li>• WCRP: World Climate Research Programme</li> <li>• WHO: World Health Organization</li> <li>• WMO: World Meteorological Organization</li> </ul>