

FRAMEWORK

for submitting action pledges to the Nairobi work programme on impacts, vulnerability and adaptation to climate change

Name of organization: **World Meteorological Organization (WMO)**

Date: 15 September 2010

Background	
Title of Initiative/Programme/Project	Development of Global Seasonal Climate Updates (GSCU)
Overall objectives	<p>To assist all Parties, in particular developing countries, including the least developed countries and small island developing States to:</p> <ul style="list-style-type: none"> • make informed decisions on practical adaptation actions and measures to respond to climate change on a sound scientific, technical and socio-economic basis, taking into account current and future climate change and variability.
NWP work areas to which the pledge is relevant	<p>Methods and tools:</p> <ul style="list-style-type: none"> • Promoting development and dissemination of methodologies and tools for impact and vulnerability assessments, such as rapid assessments and bottom-up approaches, including as they apply to sustainable development <p>Adaptation planning and practices (across different levels):</p> <ul style="list-style-type: none"> • Promoting the development and dissemination of methods and tools for assessment and improvement of adaptation planning, measures and actions, and integration with sustainable development
Activities to be undertaken and key outputs	
Project purpose	<ul style="list-style-type: none"> • To expand the existing WMO El Niño/La Niña Updates and develop the concept of a Global Seasonal Climate Update (GSCU), to be issued jointly as a consensus statement by experts of the WMO Global Producing Centres of Long Range Forecasts (GPCs), related Lead Centres and monitoring centres acting on the global scale, with input from the Regions (RCCs, NMHSs etc.), for each of the four standard seasons in the year, on a regular basis. • To include in GSCU a synthesis of the current status (monitoring) and the expected future behaviour (prediction) of major general circulation features and large-scale oceanic anomalies around the globe (e.g., ENSO, North Atlantic Oscillation, Indian Ocean Dipole, etc.) as well as brief description of its likely impacts on continental-scale temperature and precipitation patterns. • To design and thereby standardise the GSCU in a way that allows for comparing qualitatively the climate monitoring results of the current Update with the respective climate outlook issued in the previous Update.

	<ul style="list-style-type: none"> • To develop an implementation plan to engage potential contributors to produce the GSCU on a trial basis in near-real-time and for limited circulation and to organize peer review.
Activities	<ul style="list-style-type: none"> • Organize a Scoping Meeting on GSCU (12-14 October 2010, Geneva) to develop: <ul style="list-style-type: none"> ○ practical approaches to facilitate the use of GPC and related Lead Centres' products by RCCs and other regional entities, RCOFs, and NMHSs, including GSCU; ○ an outline for a consensus statement with a comprehensive assessment of current and coming seasonal global climate anomalies to assist in risk management, adaptation policies and decision making by global partners, with due consideration to the relevant user requirements; ○ an implementation plan to engage potential contributors to develop the GSCU on a trial basis in near-real-time and for limited circulation and peer review; and ○ identify lead coordinators for operational production of the Global Seasonal Climate Update. • Organize a meeting of the Commission for Climatology Task team on GSCU (15 October 2010, Geneva, Switzerland) to determine the follow-up actions. • Implement the pilot phase to produce GSCU in real time for peer review. • Conduct the peer review and incorporate the feedback as appropriate. • Upon successful completion of the pilot phase, set up and implement a mechanism for operational production of GSCU.
Expected results	<ul style="list-style-type: none"> • Concept of consensus-based global seasonal climate updates. • Implementation plan for a pilot phase of GSCU. • Trial issues of GSCU in near real-time. • Mechanism for operational production of GSCU. • User and media engagement of GSCU. • Enhanced cooperation between global, regional and national stakeholders to achieve common understanding on large-scale aspects of the seasonal climate.
Indicators of achievement	<ul style="list-style-type: none"> • Number of experts participating in GSCU development • Number of GPCs, RCCs and NMHSs contributing to GSCU • Number of issues of GSCU in pilot phase • Number of user sector and media representatives accessing GSCU.