

Séminaire Mercredi 16 Mai 11h00 / Seminar Wednesday May 16, 11:00 AM

Conférencier/Lecturer: Jiandong Gong
National Meteorological Center, Chinese Meteorological
Administration, Beijing

Sujet/Subject: The Beijing 2008 Research Demonstration Project

Presentation: Anglais / English

Lieu/Room: Grande salle du premier étage CMC

Résumé/Abstract:

The 29th Olympic Games and 13th Paralympics will be held in the summer of 2008 in Beijing, China. Since high impact weather events such as high temperature and thunderstorms occur frequently during this period of the year, weather will be a significant factor in the success of the Olympic Games. A WMO-WWRP coordinated international forecast demonstration project, the Beijing 2008 Olympics project (B08 project) is being led by the China Meteorological Administration (CMA) with participants from Australia, Austria, Canada, China, France, Japan and the United States. Products from the B08 project will be used as a part of the weather services in support of the Games.

The B08 project includes two components: A Forecast Demonstration Project (FDP), dedicated to nowcasting of convective storm tracks, precipitation, and severe weather in the 0 to 6 h time range; and a Research and Development Project (RDP), which is focused on 6-36h meso-scale ensemble prediction. B08RDP has two tiers, one for 15km meso-scale ensemble prediction systems (tier 1), and one for high-resolution (2~4km) cloud-resolving ensemble prediction systems (tier 2). Six participating ensemble systems from Austria, Canada, China, France, Japan and United States are included in B08RDP. B08RDP activities so far include first preliminary parallel tests for the period August 8th to 24th, 2006. Following the test, a science workshop was held in Beijing. The presentation will include a description of the B08RDP, and examples from the trial period in August 2006. Plans for the actual experiment during the Olympics will also be discussed.