



World Meteorological Organization
Working together in weather, climate and water

Expert Team: Weather Modification

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Purpose

The main purpose of WMO's involvement in Weather Modification is to promote scientific practices in weather modification research. This is achieved through the ET who routinely reviews the WMO status and guidance documents related to weather modification and through organizing the quadrennial scientific conferences on weather modification

Trust Fund

The activities of the ET: WMR is supported by a WMO Trust Fund (established following the 2007 WMO Congress decision) to which member countries with an interest in weather modification contribute.

Activities since JSC-3

Review of the WMO status and guidelines documents on weather modification

The ET on WMR met in Abu Dhabi in March 2010 to review the WMO status and guidance documents related to weather modification and these have been finalised, approved and published on the WMO webpage.

- **EXECUTIVE SUMMARY OF THE WMO STATEMENT ON WEATHER MODIFICATION**
- **WMO STATEMENT ON WEATHER MODIFICATION**
- **GUIDELINES FOR THE PLANNING OF WEATHER MODIFICATION ACTIVITIES**

Activities since JSC-3

Organizing the 10th WMO Scientific Conference on Weather Modification Research

The 10th WMO Scientific Conference on Weather Modification is scheduled to take place in Bali, Indonesia from 4 to 7 October 2011. The theme of the conference is “Scientific Basis and Challenges” - to reflect the importance of sound scientific practices in weather modification.

Dependent on Trust Fund contributions...

Activities since JSC-3

The International Centre for Weather Modification Research (UAE)

- International Center for Weather Modification Research will be approved and recognized by WMO as a WMO center for weather modification and related science (aerosols, cloud physics and meteorological research and training)
- WMO Expert Team on weather modification will be steering committee for this center and provide guidance for the future development of the center
- Training courses in weather modification research will be approved by the steering committee and WMO training department will designate Center as a training center
- Steering committee will provide input on needed workshops

Activities since JSC-3

The International Centre for Weather Modification Research (UAE)

- The center will support important global field programs in weather modification and cloud seeding experiments in developing countries
- University involvement will be important.
- The Center will have its own budget
- UAE/NCMS/ICWMR will sponsor:
 - future WMO weather modification executive committee meeting on annual basis.
 - International WMO conferences on weather modification
 - Focused workshops on weather modification issues
- Grant/award for scientific achievements in weather modification

Other planned activities

- The ET on WMR has identified the need for a thorough scientific review of weather modification as a future activity to be supported through the trust fund. This activity of ET will also review possible links between the scientific knowledge gained through weather modification research and other emerging issues such as climate change and geo-engineering as encouraged by the WMO Congress.
- Establish links with the cloud physics and chemistry communities - many processes studied in WMR are the same processes that are central to weather, climate and water related studies.

- Thank You