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The Second Asia/Oceania Meteorological Satellite Users' Conference

This document details the second Asia/Oceania Meteorological Satellite Users' Conference to be held from 6 to 9 December, 2011, in Tokyo, Japan. The event follows in the footsteps of the First Asia/Oceania Meteorological Satellite Users' Conference hosted by CMA in November 2010 in Beijing, China. The purposes of the conference are to further enhance exchanges on application techniques among satellite data users, to advance satellite observation technologies, and to promote synergetic development in the field of meteorological satellites.

In June 2011, JMA issued the first announcement/call for papers and launched the conference website. The event will involve several sessions at which presentations on a range of scientific matters will be made and related discussions will be held by a variety of satellite experts.

The Second Asia/Oceania Meteorological Satellite Users' Conference

1 INTRODUCTION

The Japan Meteorological Agency (JMA) will host the second Asia/Oceania Meteorological Satellite Users' Conference from 6 to 9 December, 2011, in Tokyo, Japan. This working paper reports on the details of the conference.

2 OBJECTIVES

The Asia and Oceania regions are frequently affected by severe natural phenomena such as tropical cyclones, torrential monsoons, volcanic eruptions, yellow sand storms, floods, sea ice and wildfires. In addition, the importance of monitoring the climate and the environment is increasing, prompting enhanced global interest in the field. In this regard, meteorological and earth observation satellites provide frequent and extensive observational information for use in disaster prevention and climate monitoring/diagnostics, and are indispensable in today's world.

The history of meteorological satellites over Asia and Oceania began with the launch of the Geostationary Meteorological Satellite (GMS) in 1977. Now, China, Europe, India, Japan, the Republic of Korea, the Russian Federation and the United States all operate meteorological and climate-monitoring satellites over Asia and Oceania as part of the Global Observing System (GOS) (promoted by the World Meteorological Organization (WMO)), which contributes to the Global Earth Observation System of Systems (GEOSS) coordinated by the Group on Earth Observations (GEO).

The conference aims to further enhance exchanges on application techniques among satellite data users, to advance satellite observation technologies, and to promote synergetic development in the field of meteorological satellites.

3 SUMMARY OF THE FIRST CONFERENCE

The First Asia/Oceania Meteorological Satellite Users' Conference was held from 1 to 2 November, 2010, in Beijing, China. It was hosted by the China Meteorological Administration (CMA) with the co-sponsorship of JMA, the Korea Meteorological Administration (KMA), WMO and GEO. Over 100 people participated, and more than 50 reports were presented in its sessions. A panel discussion was also arranged, and listeners interactively joined in with further academic discussions on topics presented in previous sessions. In the panel discussion, it was proposed that CMA, JMA and KMA host future conferences in turn every year, and JMA was announced as the host of the second conference to be held in 2011.

4 INFORMATION ON THE SECOND CONFERENCE

All information regarding the second conference is available on the related web pages on JMA's Meteorological Satellite Center website at <http://mscweb.kishou.go.jp/second/>.



Figure 1 Second Asia/Oceania Meteorological Satellite Users' Conference web page (<http://mscweb.kishou.go.jp/second/>)

The schedule for the conference is outlined below. The first announcement was made in June, and the deadline for presentation registration was extended to 9 September, 2011.

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| 2 June | First announcement and call for papers |
| 9 September | Deadline for presentation registration (extended) |
| September | Second announcement |
| 6 – 9 December | Second Asia/Oceania Meteorological Satellite Users' Conference |

At present, seven sessions are planned. Presentations will be in verbal and poster form.

- Session 1: Current and future meteorological satellite programs and systems
- Session 2: Satellite data sharing and utilization
- Session 3: Cloud, aerosol and atmospheric composition data from satellites
- Session 4: Precipitation observation from satellites
- Session 5: Applications for disaster prevention
- Session 6: Capacity building and training
- Session 7: Application of satellite data to numerical weather prediction and nowcasting
- Panel discussion