THE 2ND INTERNATIONAL TRAINING COURSE ON ANALYSIS OF COMS DATA IN KOREA

This document reports the 2nd International Training Course on Analysis of COMS Data in Korea. The KMA organized the training course for potential foreign users from 12 countries in the Asia-Pacific area in order to introduce the COMS program and to form the user community of COMS data.

COMS : Communication, Ocean, and Meteorological Satellite

The 2nd International Training Course on Analysis of COMS Data

This document is to report the successful result of the 2nd International Training Course on Analysis of COMS (Communication, Ocean and Meteorological Satellite) Data, which was held in Seoul, Republic of Korea from 18 September to 9 October 2008.

1   Objectives of the Training Course

Korea Meteorological Administration (KMA) and Korea International Cooperation Agency (KOICA) jointly organized the 2nd International Training Course on Advanced Analysis of COMS Data. The Course took place at KMA Headquarters in Seoul, Republic of Korea for three weeks beginning on 18 September 2008. The objectives of the course are;
   a) To introduce the COMS program, observation schedule, and data distribution policy,
   b) To enhance understanding on meteorological satellite products for better meteorological analysis and forecasting,
   c) To form an international user community to share the various kinds of information on COMS, which would cover the Asia-Pacific area.

2   Participants and Sessions of the Training Course

Thirteen Participants from twelve countries in Asia-Pacific area, namely: Bangladesh, East Timor, Fiji, Indonesia, Laos, Mongolia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, and Vietnam were given twenty eight lectures. The detailed sessions are as follows;

   a) Session I: Development Plans of Meteorological Satellite
      · Current Status and Development Plan of Korea's Meteorological Satellites
      · COMS Missions (focused on meteorological monitoring)
   b) Session II: Data Processing of COMS Meteorological Observation
      · Characteristics and Performance of COMS Meteorological Imager (MI)
      · Preprocessing of COMS data
      · COMS Meteorological Data Processing System
   c) Session III: Operation of Meteorological Satellite Center/KMA
      · Outline of H/W and S/W in the Ground System
      · Dissemination Plans of COMS MI Data for world-wide users
      · Medium/Small-Scale Data Utilization Station (MDUS/SDUS)
   d) Session IV: Application of COMS Meteorological Data
      · Methodology for Satellite Image Analysis
      · Principle and Methodology for Meteorological and Environmental Data Retrieval
      · Applications for Weather Forecasting and Environmental Monitoring (Cloud, Typhoon, Aerosol, Precipitation, Fog, Wild Fire, Agricultural application, and etc)

e) Session V: Presentation and Discussion
  · Presentation of Country Reports by the Participants
  · Group Discussion and Wrap-up

In addition, participants experienced Korean culture as well. KMA plans to hold this training course every year to expand the COMS user community in the Asia-Pacific area.

Mr. Soon-Kab Chung (fifth from the right, front row), Administrator of KMA, the training course instructors and staff members of KMA, pictured here with the 13 participants of the training course.