



Program of the ISSI-sponsored Meeting on Persistent Regional Air Pollution in Asia

February 29- March 4, 2016.
ISSI-BJ/ National Space Science Center
Neptune Hall (A0411, 4th floor)

Day 1: 29 February, 2016

9:00 Registration, Welcome (**Lijiuan En and Guy Brasseur**) and Introduction of the Participants

9:45 Objectives of the meeting, working process and expected outcome

10:00 Coffee Break

Session 1: General Introduction

10:30 Overview of Persistent Haze Events in China
Renyi Zhang, Texas A&M University, College Station, TX, USA

Session 2: Observations and Chemical Budget of Pollutants

11:30 Measurements and Analysis of Chemical Composition of Particulate Matter during High Pollution Events.
Junji Cao, Key Lab of Aerosol Chemistry & Physics, CAS, Xi'an, China

12:30 Lunch

14:00 Source and Contribution of Ozone precursors to Asian Pollution: Budget and long-term Trends of Oxidants.
Jenny Stavrakou, Belgian Institute for Space Aeronomy, Brussels, Belgium

15:00 Coffee Break

15:30 General Discussion on presentations of sessions 1 and 2

16:30 Report and suggestions on the papers by the rapporteurs

17:00-18:00 welcome reception at the ISSI-BJ office

Day 2: 1 March 2016

Session 3: Atmospheric Chemical processes

09:00 Surface emissions sources in Asia

Claire Granier, CNRS, Paris, France and NOAA, Boulder, CO, USA

10:00 Validation of VOCs Emissions based on ambient measurements

Min Shao, Peking University, Beijing, China

11:00 Coffee Break

11:30 General discussion

12:30 Lunch

14:00 *Junior scientist Presentation:*

Chemical and Meteorological Feedbacks in the Formation of Intense Haze Events

Meng Gao, Iowa State University, USA

14:45 Monitoring atmospheric composition by GEO-KOMPSAT-1 and 2: GOCI, MI and GEMS

Jhoon Kim, Department of Atmospheric Sciences, Yonsei University, Seoul, Korea

15:30 Coffee Break

16:00 General discussion on the presentations of the session 3

17:45 Close of the second day

Day 3: 2 March, 2016

Session 4: Observations

09:00 Observation of Air Pollution over Asia using Thermal Infrared Space Sensors.

Cathy Clerbaux, CNRS, Paris, France and Université Libre de Bruxelles, Belgium

10:00 Severe Haze Events in Northern China

Lili Wang, Institute for Atmospheric Physics, Chinese Academy of Sciences, Beijing, China

11:00 Coffee Break

11:30 General discussion on the presentation of session 4

12:30 Lunch

14:00 Free afternoon

Day 4: 3 March 2016

Session 5. Model Simulations and Predictions

09:00 Connection between Asian Air Pollution and Monsoon Systems
Mian Chin, NASA Goddard Space Flight Center, Maryland, USA

10:00 Modeling air pollution over Asia with the SILAM model
Michael Sofiev, Finnish Meteorological Institute, Finland

11:00 Coffee Break

11:30 General discussion on the presentations of session 5

12:30 Lunch

14:00 Time for paper improvements and personal interactions

15:30 Coffee Break

16:00 Time for paper improvements and personal interactions

17:45 Close of the fourth day

Day 5: 4 March 2016

Session 5 (continued). Model Simulations and Predictions

9:00 The two-ways to Source Apportionment of Air Pollution in Eastern China
Bin Zhu, Nanjing University of Information Science & Technology, Nanjing, China.

10:00 Impact of Urbanization on Regional Air Pollution
Xuemei Wang, School of Environmental Science and Engineering, Sun Yat-Sen University, Guangzhou, China

11:00 Coffee Break

11:30 PM_{2.5} Chemical Speciation
Song Guo, Peking University, Beijing, China

12:30 Lunch

Session 6: Conclusions

14:00 Synthesis and Conclusions

Guy Brasseur, Max Planck Institute for Meteorology, Hamburg, Germany, and National Center for Atmospheric Research, Boulder, CO, USA

15:00 General discussion on the presentations of the morning

15:30 Report and suggestions on the papers by the rapporteurs

17:45 Close of the meeting