

# Announcement of the 2009 Autumn Meeting

## I. Meeting Information

### 1. Date

November 25 (Wednesday) – 27 (Friday), 2009

### 2. Venue

ACROS Fukuoka

1-1-1 Tenjin, Chuo-ku

Fukuoka, 810-001, Japan

<http://www.acros.or.jp/> (only Japanese)

### 3. Presentations

Presentations can be made in either oral or poster format. For presentation details, please refer to “IV. Guidelines for Presentations.”

### 4. Meeting schedule

The following is the scheduled program for the meeting:

Day 1 (November 25)

Morning: oral presentations

Afternoon: oral and poster presentations

Day 2 (November 26)

Morning: oral presentations

Afternoon: commemorative lectures by award recipients, symposium and banquet

Day 3 (November 27)

Morning: oral and poster presentations

Afternoon: oral presentations

### 5. Symposium

The symposium is scheduled to take place on the afternoon of Day 2 (November 26). The theme of the symposium is “Atmospheric environment in East Asia”

### 6. Banquet

The banquet will take place at Ark Hotel Hakata Royal (3-13-20 Tenjin, Chuo-ku,

Fukuoka) in the evening of Day 2 (November 26).

## **7. Meeting website**

The meeting website (<http://wwwsoc.nii.ac.jp/msj/>) in Japanese has been launched to accept applications and to disseminate information about the meeting, as well as any update to the program. Registration procedures can also be found at the website.

## **II. How to Register**

### **1. Registration method for presenters**

As a general rule, registration and abstract submission can only be made on-line. However, if this is not possible for some reason, registration by mail will be acceptable.

Please note that your registration and registration fee payment have to be completed before you are eligible to give your presentation(s).

#### **1.1 On-line registration**

- Deadline: 3 pm (Japan Standard Time) on Tuesday, August 18, 2009.
- Refer to the meeting website and follow the instructions on the website.
- Enter your personal information and login ID at the meeting website. After you have done this, a password will be issued. (Please note that the password used in previous meetings is no longer valid. We appreciate your understanding and apologize for the inconvenience, but please re-enter your personal information and ID to obtain a new password.) With the ID and password, log on to the system to register for the meeting, apply for a presentation, submit your abstract, and pay meeting fees.
- Presenters are requested to register their own personal information. Presenters are not allowed to submit an application for presentation with a name and affiliation different from those used in registering their personal information.
- Meeting registration and fee payment (credit card payment) must be completed prior to the submission of your application for a presentation. If your meeting registration and fee payment are incomplete, we cannot accept your presentation application.
- For on-line payment, we can accept credit card payment even if the cardholder's name is different from the name registered in your personal information.

- Submit your abstract on the meeting website. We can only accept the abstract in PDF format (maximum allowable size: 1MB).
- Until the presentation application deadline (Tuesday, August 18), you can modify at the website any information you have already submitted, such as your registration information and abstract. Please note, however, that you cannot cancel your presentation application.

**1.2 Mail-in registration (Inside Japan only. This form of registration is accepted only under extreme unavoidable circumstances.)**

- Deadline: No later than Tuesday, August 11, 2009.

(Please note that the mail-in deadline is one week earlier than the on-line deadline.)

- Send the following three items to “Head Office of the Annual Meetings Oversight Committee” (see below for the address).
  1. Abstract.
  2. Presenter’s name (both in Japanese characters, if applicable, and roman alphabet), membership number, presentation type (oral / poster), contact information (address, phone number, and email address), the presentation title, main and sub keywords, and required audio-visual equipment for the presentation (any format is acceptable).
  3. Payment receipt for postal money transfer (refer to the next section).

Mailing address:

Head Office of the Annual Meetings Oversight Committee of the Meteorological Society of Japan

c/o Forecast Research Department

Meteorological Research Institute

1-1 Nagamine

Tsukuba, Ibaraki 305-0052, Japan

(Please write “Presentation Application” in red letters on the front of the envelope.)

- Prior to submitting your presentation application, please send your payment for the meeting fees by postal money transfer with the following information:
  - Account number: 00130-3-5958

Name on the account: 日本気象学会 (This must be written in Japanese)

- In the “space for correspondence”, provide the following information:

1. “Registration application for the 2009 autumn meeting.”
2. Membership number (if not a member, please indicate “non-member.”)

3. Participation classification: "Presenter A" or "Presenter B" (see Section 3.1)
4. Amount for the meeting registration fee
5. Amount for the banquet fee
6. Total amount

- In the section "address and name of the payer," please make sure to provide your address, name, and phone number.

- The presenter is responsible for the processing fee for the postal money transfer.

Thank you for your understanding and cooperation.

### **1.3 Presentation cancellation policy**

- After your presentation application has been submitted, you cannot withdraw your presentation. The meeting and banquet fees cannot be refunded even if you are unable to give your presentation or attend the meeting due to unavoidable circumstances.
- In case the presenter cannot give his/her presentation but allows for a substitute presenter, please contact the Annual Meetings Oversight Committee ( kouenkikaku2009a@metsoc.jp ).

## **2. Registration procedure for non-presenters (attendance only)**

Registration and other fees can be made using one of the following methods below. In order to expedite the process, we request pre-registration online via the meeting website. Exception will be allowed only under extreme unavoidable circumstances.

### **2.1 On-Line registration**

Register online at the meeting website and complete your registration payment by Tuesday, October 6, 2009 (credit card payment only).

### **2.2 Mail-In registration (Inside Japan only. This form of registration is accepted only under extreme unavoidable circumstances.)**

- Registration fee needs to be made by postal money transfer by Tuesday, September 29, 2009.
  - Account number: 00130-3-5958
  - Name on the account: 日本気象学会 (This must be written in Japanese)
  - In the "space for correspondence", provide the following information:
    1. "Registration application for the 2009 autumn meeting."

2. Participation Classification: "Attendance only"

3. Amount for the meeting registration fee

4. Amount for the banquet fee

5. Total amount

- In the section "address and name of the payer," please make sure to provide your address, name, and phone number.

- The meeting attendee is responsible for the processing fee for the postal money transfer. Thank you for your understanding and cooperation.

### 2.3 On-Site registration

One can also register on-site during the days of the meeting. However, please note that the on-site registration fee is at a higher rate than the pre-registration fee.

## 3. Registration and Banquet Fees

### 3.1. Meeting registration fee

- Refer to the following table to identify your meeting registration fee (sales tax included).

Meeting registration fee		
Classification	Advance Payment	On-Site Payment
Presenter A	8,000 yen	-
Presenter B	5,000 yen	-
Attendee	3,000 yen	4,000 yen

- Presenter Classification  
Presenter A: presenters who are affiliated with research institutes and universities (except for undergraduate and graduate students).
- Presenter B: presenters who do not meet the criteria for Presenter A.

### 3.2. Banquet fee

- Banquet fees (sales tax included) are listed in the table below. The fees are made affordable to encourage many to attend and to provide an opportunity for interactions among the participant.

Banquet Fee		
Classification	Advance Payment	On-Site Payment
Non-Students	5,000 yen	6,000 yen
Students	4,000 yen	4,500 yen

- Payment for the banquet can be made in advance on-line or by postal money order, or on-site during the meeting at a higher rate.

### 3.3. Miscellaneous information

- Registration and banquet fees are non-refundable.
- The amount of registration and banquet fees depends on your classification (as identified in the table above) at the time of registration. Fee adjustments cannot be made for any subsequent change in your classification (i.e., no additional billing or refund on the difference in fees due to a change in your home institution and/or affiliation.)
- Receipt for your registration and/or banquet fee payments will be issued at the reception desk during the meeting.
- Presentation of a hard copy of the e-mail message showing completion of your registration and registration and/or banquet fee payments to the reception desk will greatly facilitate the registration procedure.

## III. How to Prepare Your Abstract

### 1. Abstract size and number of pages

One A4 page per presentation.

### 2. Preparation instructions

If you submit your abstract online, we accept only the PDF file format (maximum allowable size: 1 MB). If you mail in your abstract, all the information (text, figures, and tables) must fit on a sheet of A4 page size.

### 3. Printing

Proof of your abstract will be made in black and white with the direct plate making process. In this process, the abstract will be reduced to B5 size. In the course of your abstract preparation, please be aware that the quality of your figures (such as photos and graphs) may be degraded by the printing procedure. Also please be aware that the

clarity of certain images, particularly color photos and figures, can be severely degraded.

#### 4. Abstract format (refer to the figure)

Your text and additional material such as figures and photos need to fit in an area of 250 mm (vertical) x 170 mm (horizontal). The top margin should be 20 mm. Give the title of your presentation in the first line. Underneath the title, list the author names and their affiliations. Place the abstract content below the author information. In the case of multiple authorship, place an asterisk (\*) to the left of the presenter's name. The spacing between the title and the body text should be 20 – 25 mm. We strongly suggest that you use a two-column format (left column → right column) for the text.

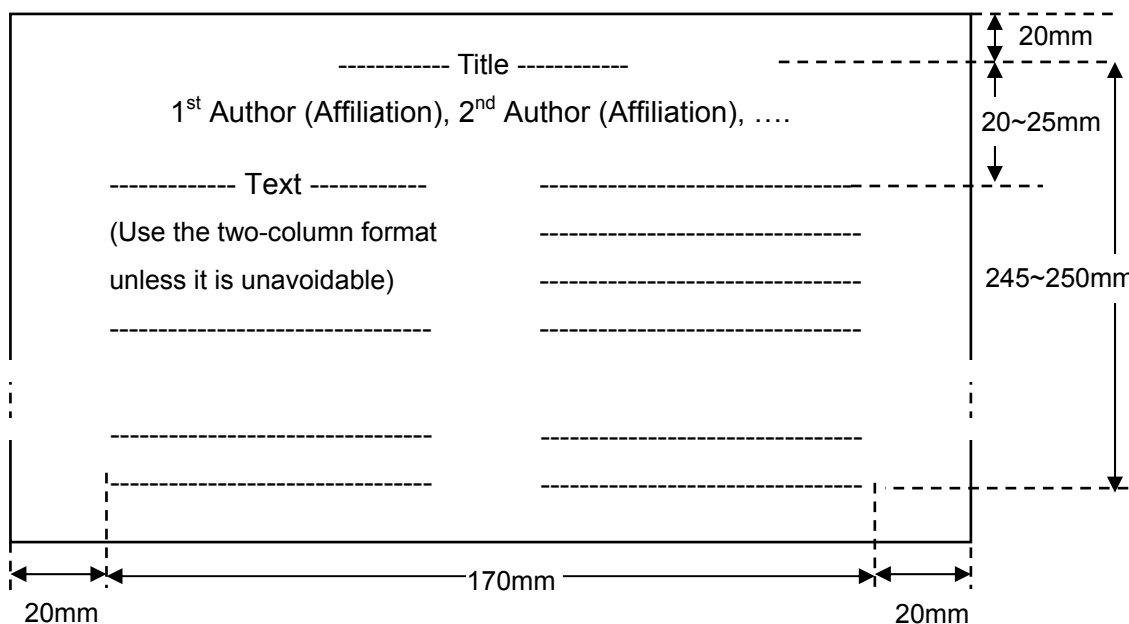


Figure: Guidelines for preparing abstract on an A4 sheet

#### 5. Copyright

All the information (such as figures, tables, and text) that appear in the meeting proceedings are the copyright of the Meteorological Society of Japan.

### IV. Guidelines for Presentations

#### 1. Presentation types

Your presentation can be given either as an oral (including special topic sessions)

or as a poster presentation.

## **2. Limit on the number of presentations**

Each presenter is allowed to give up to two presentations. However, no two presentations can be given on a very similar topic. If a problem arises in regards to this restriction, the Annual Meetings Oversight Committee will take appropriate action.

## **3. Selection of the presentation method**

You can select the presentation method (oral / poster) at the time of your presentation. However, please note that we cannot always accommodate your request due to various logistical issues. If the method of presentation is not identified at the time of application, the Annual Meetings Oversight Committee, at its discretion, will assign a presentation method.

## **4. General information for oral presentations**

Same amount of time is allocated for each oral presentation, and will be indicated in the meeting program. The time allocation is determined by the Annual Meetings Oversight Committee, and is based on the total amount of time allocated to oral presentations divided by the number of presentations.

## **5. General information for special topic sessions**

- The length of each presentation in a special topic session will be determined by the session conveners and will be indicated in the meeting program.
- The application deadline for a presentation in a special topic session is the same as that for a presentation in a general session (Tuesday, August 18 for on-line applications; Tuesday, August 11 for mail-in applications).
- Special topic session conveners will review the abstract submitted and will determine if the presentation can be given in one of the special topic sessions.
- If a submitted presentation is deemed not suitable for any of the special topic sessions, then the presentation will be considered for inclusion in a general session.
- For more information on the individual special topic sessions, please refer to “V. Themes and Objectives of Special Topic Sessions.”

## **6. General information for poster presentations**

- Time allocated for poster presentations is approximately one hour. No other events



will take place during the poster presentation sessions.

- Presenters are responsible for posting and removing their posters.
- Space allocated for each poster is approximately 240 cm (vertical) x 120 cm (horizontal). A poster does not necessarily have to consist of one sheet. It can be prepared on a number of small sheets and arranged on the poster board on the day of the presentation.

## **7. Use of equipment for your presentation**

- For oral presentations (including ones in special topic sessions), a PC projector and/or an overhead projector can be used. The use of any other visual equipment is not allowed.
- If you wish to use an overhead projector, please inform us of your intention at the time of your presentation application. If no indication is made, we will assume that your presentation is made using a PC projector.
- If you are planning to use a PC projector for your presentation, please note the following:
  - The presenter must bring his/her own PC. Only a projector and a connection cable will be provided in the presentation room.
  - The connection from your PC to the PC projector needs to be checked during the recess before your presentation session. If you are uncertain about the connection, please inform a staff member at that time.
  - In cases of equipment failure and/or connection problem between your PC and the PC projector, your presentation may be deferred to a later time in the session at the discretion of the chairperson. It is your responsibility to have a backup file on a portable medium for any unforeseen contingencies.
- If you wish to use an audio-visual equipment in the poster presentation hall, please let us know which equipment and how it is to be used at the time of your presentation application. We will attempt to accommodate your request within the logistical limitations of the presentation hall.
- If you apply for a poster presentation, it is possible that it may be changed to an oral presentation for reasons associated with organization of the program. To accommodate such a possibility, we ask that you indicate, at the time of presentation application, which equipment (overhead or PC projector) you would use for your oral presentation.

## **8. Other information**

- The Annual Meetings Oversight Committee will consider the content of your abstract and may reject your presentation for reasons including, but not limited to, the following: a) the content is not related to meteorology, b) the content is irrational or illogical, or c) the content contains parts that defame others.
- The meeting program will appear in the October issue of *Tenki* and on the meeting website.

## **V. Themes and Objectives of Special Topic Sessions**

### **1. Future variations of atmospheric and oceanic phenomena associated with the global climate change**

#### **--- What can we learn from CMIP3 model intercomparisons? ---**

The last few decades have seen increased warnings of global climate change due to an anthropogenic increase of carbon dioxide in the atmosphere. Today, scientists are solicited by society for more concrete information about what will actually happen to our surroundings under future climate conditions. How human activities and the natural environment will be affected by future climate change depends not only on the changes in the mean climate state, but also on how short-term atmospheric and oceanic variability, such as intensity and tracks of tropical and extra-tropical cyclones, heat waves and cold surges, extreme rain and droughts, will be modified correspondingly.

This special session calls for papers which aim to better understand current climate variability and its future projection based on multi-model intercomparisons of climate model experiments from the phase 3 of the WCRP's Coupled Model Intercomparison Project (CMIP3). Key questions to discuss will be: How far can we deduce concrete ideas for what will actually happen in our environment under warmer climatic conditions? How well can we evaluate the reliability of climate models on reproducing the present climate, as well as on projection of future climate, in terms of appearances of various shorter-term atmospheric and oceanic variabilities?

Conveners:

Yukari N. Takayabu (Center for Climate System Research, University of Tokyo)

Masahide Kimoto (Center for Climate System Research, University of Tokyo)

Tomoaki Ose (Meteorological Research Institute)

Hisashi Nakamura (The University of Tokyo)

## **2. Utilization studies of the greenhouse gas observing satellite (GOSAT) “IBUKI” data**

The greenhouse gas observing satellite (GOSAT) was launched successfully on 23 January 2009, and has operated normally since. This is a joint project of the Ministry of the Environment (MOE), the National Institute for Environment Studies (NIES), and the Japan Aerospace Exploration Agency (JAXA). The mission objective is to reduce the CO<sub>2</sub> surface flux estimation error on a sub-continental scale to half of the present values. The initial check out processes have been finished and data release was started for the principal investigators (PIs). Data release to all users is planned to begin from October 2009.

During the first half of the session, presentations related to the basic performance of satellite sensors and data quality in each process level will be given by project staff members. The latter half of the session is open for presentations by people who have already received data. All presentations to be made using future data in various application research fields are acceptable. Studies of aerosols and clouds using CAI sensor data are also welcome. We hope this session becomes a good opportunity for wide discussion of the usefulness and future possibilities of GOSAT data.

Convener:

Ryoichi Imasu (Center for Climate System Research, The University of Tokyo)

## **3. The transmission of weather information and the spread of knowledge**

The weather information and knowledge are considered usable when well transmitted, understood and utilized. Especially, we must think that the disaster prevention information is responsible for good timing and easy understanding for the final user. On the other hand, the user should have the comprehension and application ability.

In this session, the study results will be presented by the professional members dealing with the producing and transmitting of weather information and delivering and training for the related knowledge.

- (1) Information producing
- (2) Information transmitting
- (3) The delivery of weather related knowledge and the exercise for the application of distributed weather information

We think that each of the three items has the problem to reach each goal. So, we hope the presenters reveal the true problems and propose the solutions for us. We are happy if we could share the results and make advance for our future.

Conveners:

Hiroshi Ishihara (Japan Meteorological Agency, Fukuoka regional bureau)

Kazuko Ishii (Certified and Accredited Meteorologists of Japan)

Shuji Hironaka (Ube City, Disaster prevention section)

Osamu Iwata (Certified and Accredited Meteorologists of Japan)

Shoji Shiraishi (Certified and Accredited Meteorologists of Japan)

#### **4. Observational studies for severe storms**

In recent years, extreme weather events such as tornadoes, hail, lightning, and heavy rainfall, have led to large economic losses and fatalities in Japan. For example, in the flash flood event during 26-31 August 2008, the heaviest rain (146.5mm/h) occurred during the 1-h period from 0100 to 0200 JST in Okazaki (Aichi Pref.). In 28 July 2008, the localized heavy rainfall caused the rapid rise of the Toga River in Kobe (Hyogo Pref.), which led to the drowning deaths of four persons including grade-school pupils. In 27 July 2008, a strong gustfront occurred in Tsuruga (Fukui Pref.) causing one fatality.

These events are often referred to as "RAIRAN" (severe storm) in Japanese and account for major damages associated with thunderstorms. Furthermore, exploring possible changes in severe storm activity due to global warming is an important aspect of future climate conditions and weather extremes.

The specific objectives of this special session are as follows:

- \*New techniques for observational research for severe storms
- \*Current research for dynamics and electrification of severe storms
- \*Nowcasting and warning of severe storms

Conveners:

Zen Kawasaki (Osaka University)

Kenichi Kusunoki (Meteorological Research Institute)

Koichiro Michimoto (National Defense Academy)

Tomoo Ushio (Osaka University)

## **5. Diversity of planetary atmospheres**

Diversity of atmospheric phenomena on the planets in our solar system reflects different conditions established in each atmosphere including atmospheric compositions, properties of clouds, radiative transfer, topography etc., which are different from those on the earth.

Such difference of the complex physical processes, however, seems to be elaborated insufficiently even in the current generation of dynamical models of the planetary atmospheres. In addition to the planets in our solar system, the recent discovery of many extrasolar planets strongly suggests that the parameter space to be explored in the planetary science is much broader than conventionally recognized.

The purpose of this special session is to review the diversity of the planetary atmospheres, and to share the current status of the theoretical, observational, and experimental studies on the planetary atmospheres including their dynamics, chemistry, radiative process, evolution, and so on.

Conveners:

Masahiro Takagi (University of Tokyo)

George L. Hashimoto (Okayama University)

## **6. Outcome of the International Polar Year (IPY) 2007-2008 and future direction**

The International Polar Year (IPY) 2007-2008 had been successfully concluded its two year term on 1 March 2009. This IPY was the fourth of the series, carried out 125 years since the first IPY held in 1882/83. Compared with the last IPY 50 years ago, which was called the International Geophysical Year (IGY) and when the Antarctic Expedition was started, this IPY was not so well funded or enthusiastically accepted by the public. However, many exciting observations were conducted in the Arctic and Antarctic. So, at the Meteorological Society Meeting, we would like to have introductions of those new results of IPY 2007-2008 and also discuss our future direction of polar atmospheric research as a legacy of IPY.

Conveners:

Takashi Yamanouchi (National Institute of Polar Research)

Hideaki Nakajima (National Institute of Environment Studies)

## **VI. Meeting Presentations by Non-Members**

As a general rule, those who are not members of the Meteorological Society of Japan (MSJ) are not allowed to give presentations at MSJ meetings. However, we recognize that some foreign researchers on short stays or researchers from other academic disciplines may wish to give presentations at MSJ meetings. For this reason, the Annual Meetings Oversight Committee allows non-members to give presentations exclusively in the following cases:

1. A non-member is allowed to give a presentation if it is co-authored by an MSJ member. (Make sure that the name and affiliation of the co-author are indicated on the abstract.)
2. A presentation by a non-member in a special topic session is allowed at the discretion of the session convener.

The Annual Meetings Oversight Committee urges those who intend to present at MSJ meetings on an ongoing basis to become MSJ members.

## **VII. Support for Workshops**

The Annual Meetings Oversight Committee will support, as best as it can, workshops that are independently conducted by MSJ members immediately before, during, and immediately after the meeting. To qualify for this support, the workshop must be open to all MSJ members. If you wish to receive support for your workshop, please send in your application to the Annual Meetings Oversight Committee (E-mail: [kouenkikaku2009a@mitsoc.jp](mailto:kouenkikaku2009a@mitsoc.jp) ) with the following information:

- Required information:
1. Name and topic of the workshop
  2. Contact information for the representative
  3. Requested time, date, and venue
  4. Expected number of participants
  5. Requested support (e.g., facilities, equipment)

Deadline: Tuesday, August 18, 2009

## **VIII. Child-Care Support during the Meeting**

The information about child-care support during the meeting will be shown at the meeting website.

## **IX. Trial Introduction of the Career Explorer Logo**

### **1. Objective of the Career Explorer Logo**

In recent years, career development among young researchers has become an important social issue. In order to address this issue, MSJ has decided to introduce the use of the “Career Explorer Logo” in the Autumn Meeting 2009 on a trial basis with the intention of supporting job-seeking and recruiting activities among the MSJ members. (A similar approach has been in use by the Japan Society of Applied Physics since 2007.)

### **2. Career Explorer Illustration**



By displaying the “Career Explorer Logo” in your proceedings manuscript or presentation materials, you can inform other MSJ members that you are currently seeking employment opportunities. Electronic versions of the illustration in both color or black-and-white are available on the MSJ homepage.

### **3. How to use the Logo**

When postdoctoral researchers, students, or any other Society members who are seeking employment opportunities give presentations, they may use the “Career Explorer Logo” in their proceedings manuscript and/or presentation materials.

1. Proceedings manuscript: Insert the Logo to the left of the title of your presentation. Please make sure that the Logo is confined to its approved area on the page.

2. Oral presentation: Display the Logo in any highly visible location on the presentation material.
3. Poster presentation: Display the Logo in a highly visible location near the title of your presentation.

#### **4. Caution against misuse of the Logo**

1. The Logo can only be used in and for the lecture sessions hosted by MSJ and its members.
2. Refrain from any questions associated with the Logo during oral presentations.
3. The presenter takes full responsibility for the use of the Logo. MSJ is not responsible for any benefits or difficulties that might result from the use of the Logo.
4. The use of the Logo is not allowed outside the appropriateness and the purpose of its intent, as defined by the Society.