

# **International Commission on Dynamical Meteorology**

*Sunday 3rd July 2011*

*Melbourne Conference and Exhibition Centre, Room MR201.2*

## **Attendees**

*ICDM members:* John Nielsen-Gammon (President), David Nolan, Peter Baines (Past President), Igor Mokhov, Richard Grotjahn, Jianping Li, Adam Scaife, Hisashi Nakamura, Mu Mu, Craig Bishop, Nili Harnik, Richard Swinbank (Secretary)

*Observer:* Guoxiong Wu (IAMAS President).

## **1. Approval of minutes of previous meeting (Montreal, 2009)**

JNG opened the meeting at 6.15pm, with an overview of how the ICDM fits into the IUGG and IAMAS organisational structure.

The minutes of the previous meeting were briefly reviewed; draft minutes had already been circulated among attendees and amended shortly after the meeting. PB moved that they be approved, seconded by AS. The motion was approved.

## **2. President's report**

JNG welcomed new members of the commission. Following that, members introduced one another.

JNG reviewed the ICDM Terms of Reference, summarising the objectives of the commission and the roles of the ICDM officers. JNG said he would be standing down after completing his term of office at the end of this general assembly, so an election for his replacement would be required. The ICDM also currently has two other officers, Secretary and Past President.

## **3. Elections and Additional Members**

JNG noted that the ICDM tradition was for the Secretary to succeed to the position of President. Thus, he nominated RS to be ICDM President; this was seconded by PB. RS said that he was willing to take on the position. RS said that, if elected, he would like the ICDM to have a wider role than organising symposia for IAMAS & IUGG conferences, and noted the proposed workshop to be discussed later. There were no other nominations, and RS was duly elected.

There was some discussion of possible candidates for secretary, but several of those suggested were not willing to be nominated due to various other commitments. RG was nominated by PB and seconded by IM. He said he was willing to stand, but did not feel able to commit to accepting the role of President in the longer term. RS suggested we consider a possible appointment of President-elect at Davos in 2013, if RG still felt that way. It was agreed that RG be elected secretary.

JNG agreed to continue for another term as ICDM officer in the role of Past President; this was approved. JNG proposed that PB be appointed an Emeritus Member of the commission, in view of his sterling service over the years; this was agreed unanimously.

JNG reviewed the ICDM membership list. He noted that Joan Alexander has reached the end of her second term. Ken Gage has resigned, following his retirement since the last meeting. Igor Mokhov was eligible to continue for a second term – which was agreed.

JNG asked for nominations for new members of the commission. JNG pointed out that, especially given the upcoming meeting in Davos, it would be a good idea to appoint an expert in mountain meteorology. It was agreed that it would be appropriate to invite someone who regularly attends the IAMAS conferences, and ideally someone willing to convene a symposium on that subject in Davos. **Action:** JNG to consult with Ron Smith about suitable candidates. An election would then be held by email.

#### **4. Status reports on ICDM symposia at Melbourne**

JM02 – CB reported that the merging of the previous Data Assimilation and Ensemble seminars had made for a nice combination. He wanted to see more emphasis on ensemble climate prediction next time.

JM04 – It was noted that there was a large overlap between the schedule for this symposium on stratosphere-troposphere-ocean coupling and the middle atmosphere session. This highlighted the need to coordinate the scheduling of symposia better. **Action** JNG, RS to raise with Hans Volkert, IAMAS SG. It was agreed that commissions should get sight of the proposed schedule to check for clashes; they should provide guidance to IAMAS SG on which symposia should not clash.

JM06 – RS said that the combination of talks covering weather and climate had been reasonably successful. Attendance had been quite variable – and notably poor on Sunday. There was some discussion about the desirability of scheduling conference sessions over the weekend. While some members were not happy with working at the weekend, others preferred to do that to minimise the time away from home.

JM08 – AS noted that this had been a good symposium. However, it had turned into a kind of catch-all climate prediction symposium. He said the scope of the symposium should be better focused next time, with a separate climate change symposium.

JM10 – JL said that, historically, the monsoon session had been well attended. Combining with Tropical Cyclones and other aspects of tropical dynamics made for a very big session – but the combination has been very worthwhile.

M07 – NH said that there had been an interesting and eclectic mix of talks, including a session of turbulence-related papers.

It was noted that, despite presenting posters in the extended afternoon tea break, they were still seen as second-class presentations. AS suggested that posters be printed in their chronological position in the programme book, to integrate them better in the programme. **Action:** JNG, RS to raise with IAMAS SG.

## **5. Discussion of future symposia**

It was agreed that, for the joint IAMAS/IACS Assembly in Davos (DACA-13), we propose to sponsor a similar set of symposia (joint and IAMAS-only) as held in Melbourne. JNG suggested a symposium on probabilistic forecasting of earth system hazards. This was enthusiastically supported by commission members. CB suggested a symposium on representing NWP model uncertainties; it was agreed that this is probably best covered as part of the DA & Ensembles symposium.

They are listed below, with ICDM contact:

- Data Assimilation & Ensembles (to explicitly include ensemble climate prediction and stochastic physics) – CB, MM? [Sec note William Lahoz, lead convenor, also suggests air quality].
- Stratosphere-troposphere-ocean coupling – HN & AS
- High-impact weather and climate extremes – RS & RG
- Predictability of coupled climate system (AS recommended a focus on seasonal to decadal timescales) – AS?
- Monsoons, tropical cyclones & tropical dynamics (JL recommends asking Bin Wang as a convenor) – JL, DN?
- Atmospheric Dynamics – NH, OM, HN
- Probabilistic Forecasting of Earth System Hazards - JNG (AS recommend Alberto Arribas also be involved.)

## **6. Discussion of proposed ICDM workshop**

Following from discussions starting at IUGG 2007 (Perugia) and MOCA09 (Montreal), JL and RS presented a draft proposal for a workshop on “Dynamics and Predictability of High-impact Weather and Climate Events”. It is proposed that the meeting be held in Kunming, China, in early August 2012. While it is expected to cover a wide range of topics, the monsoon and tropical dynamics will be a specific emphasis. JL had sent invitations to prospective members of a scientific organising committee, including ICDM members and other experts. It is proposed that each SOC member will be asked to propose a topic and focus on organising up to half a day of the workshop on that topic. As co-chairs, JL and RS will provide overall direction of the programme. After some discussion, JNG proposed that further discussion be carried on later by the SOC, to allow time for completion of the meeting agenda. He proposed that the commission supports the workshop, which was agreed.

## **7. Revision of ICDM Website**

RS described how Hans Volkert (IAMAS SG) has now, with a colleague from DLR, revamped the IAMAS website, and it is now hosted by a server at DLR. As secretary of ICDM, RS has been responsible for updating the ICDM web pages, which are currently part of the IAMAS website. HV has asked ICDM to refresh our website – if continuing as part of the IAMAS website it should follow the same style. RS suggested that, as new secretary, RG consider how best to proceed. **Action:** RG and RS to discuss options with HV.

#### **8. Any other business.**

The meeting closed at 8.15 pm, with most members proceeding directly into the Ludlow Formation for dinner.