

## Minutes of the ACES ISB Meeting

Monday, October 4, 2010

Otaru, Japan

In attendance: J. Rundle (USA Economy)  
H. Xing (Australia Economy)  
K. Tiampo (Canada Economy)  
X.C. Yin (Chinese Economy)  
H.W. Chen (Chinese Taipei Economy)  
Eiichi Fukuyama (Japan Economy)

Observers: F. Sanchez-Sesma (Mexico Economy)  
A. Gusev (Russia Economy)  
R. Madariaga (Chile Economy)  
C. Williams (New Zealand Economy)

Others: T. Furamura (Japan Economy)

1. Meeting called to order by John Rundle at 7:15 pm.

Items on the agenda included: Report for current workshop  
Next ACES meeting  
Issues regarding APEC funding  
Publication  
New members

2. Report for current workshop. Eiichi expressed his appreciation of organizational efforts by LOC. Approximately 70 talks plus additional posters during 4 days of the meeting. New attendance by representatives from Russia, Mexico, Chile and New Zealand.

Eiichi also discussed his efforts to gain APEC funding following our meeting last year with Mr. Park Young-Suh, Executive Director of the APEC ISTWG (Int'l Science and Technology Working Group). He described the process and mentioned that opportunities were potentially available for funding every 3 months. It is necessary, however, to submit at least 1 year in advance to have an optimal chance of funding. In addition, there are other competing projects in the areas of Social Science and Economics.

He advised beginning early for the applications process.

3. John reported that the USA is interested in hosting the 8<sup>th</sup> ACES International Workshop in 2012, probably in Maui, Hawaii. He will look into the issues, along with ISB secretary John McRaney and report on future arrangements.

One of the issues discussed dealt with the proposal from Eiichi to re-define the science working groups, which have been in place for the past decade. There was suggestion that the emphasis should be changed, particularly in light of the fact that the papers in the current meeting did not adequately reflect those particular topics. Kristy suggested that the working groups be reconsidered in conjunction with planning for the next ACES Workshop.

Current working groups are:

- WG 1: Microscopic simulation
- WG 2: Scaling physics
- WG 3: Macro-scale simulation/Earthquake generation and cycles
- WG 4: Macro-scale simulation/Dynamic rupture and wave propagation
- WG 5: Computational Environment and Algorithms
- WG 6: Data assimilation and understanding
- WG 7: Model applications

These groups did not adequately reflect the interests as exhibited in the 7<sup>th</sup> (current) workshop.

4. Membership in ACES is open to any APEC member economy. As a result, observers from Chile, Mexico, New Zealand and Russia attended the ISB meeting. C.Williams reported possible interested in hosting a future ACES International Workshop.

5. Publication. It was decided to seek permission from Pure and Applied Geophysics Editor Renata Dmowska (who was present at the Workshop) for a special publication associated with the 7<sup>th</sup> ACES Workshop. In later conversations, Renata agreed and the plan now is:

Announced submission deadline: January 31, 2011  
Final submission deadline: March 31, 2011.

Lead special editor will be Eiichi together with John, however, they will seek 3-4 other associate editors for additional assistance.

6. Other discussion.

Kristy discussed a desire for industrial partnerships, which is a common requirement in Canada. In particular, the social media applications, and the prospect of early warning systems motivates the proposal.

A.Gusev also discussed a scientific desire related to some earthquake engineering issues regarding the appropriateness of the use of ground shaking duration in addition to the use of response spectra.

H. Xing emphasized the importance of applying advanced scientific outcomes to educate the public and improve the disaster planning, mitigation and management through the use of international collaborations.

C. Williams and H. Xing stated that the importance of tsunami modeling and simulation should also be emphasized, which are critical to New Zealand and Australia also.

Also, there was expressed an interest in re-invigorating the ACES exchange program, especially for young researchers.

7. It has been agreed that the participants should be encouraged to provide their talks and lectures to the organizers so that these may be posted on the conference web site.

8. After John expressed the appreciation of all present for the efforts of the LOC in organizing the Workshop, the meeting was adjourned at 9:15 pm.