

3RD PACIFIC PANEL MEETING

HONOLULU, 15-17 FEB 2006

AGENDA

February 15th, 2006

9.00 – 9.15 Welcome and Opening remarks (Axel Timmermann), Logistics (Nico Caltabiano)

9.15 – 9.35 International CLIVAR (Tony Busalacchi)

9.35 – 10.20 Goals of this workshop (Axel Timmermann)

Break 10.20 – 10.40

Session 1 Overarching key questions

10.40 – 11.10 Pacific climate change: past, present and future (Amy Clement)

11.10 – 11.40 Open theoretical questions (Bo Qiu)

11.40 – 12.10 Unresolved questions in the South Pacific (Kelvin Richards)

12.10 – 12.40 Do we really understand ENSO? (Fei-Fei Jin)

Lunch 12.40 – 13.40

13.40 – 14.10 Discussion Session 1

Session 2 Modelling issues

14.10 – 14.40 Ocean model deficiencies and what needs to be done to resolve them
(Stephen Griffies)

14.40 – 15.10 How good are CGCMs in the Pacific (Akio Kitoh)

15.10 – 15.40 Discussion Session 2

Break 15.40 – 16.00

Session 3 Indo-Pacific connections

16.00 – 16.30 Evidence and issues on monsoon and Indo-Pacific warm pool interaction (Bin Wang)

16.30 – 17.00 Indo-Pacific transmission: tropical and extra-tropical pathways (Wenju Cai)

17.00 – 17.30 Research issues to be addressed by the sustained Indian Ocean observing system (Gary Meyers)

17.30 – 18.00 Discussion Session 3

End of day 18.00

February 16th, 2006

Session 4 Pacific seasonal & decadal prediction

09.00 – 9.30 Seasonal prediction: quo vadis? (Magdalena Balmaseda)

9.30 – 10.00 The predictability of interdecadal changes in ENSO teleconnections, (Scott Power)

10.00 – 10.30 What climate information does society need? (Rodney Martinez)

Break 10.30 – 10.50

10.50 – 11.20 Discussion Session 4

Session 5 Pacific processes

11.20 – 11.50 Mode water and eddies: their role in North Pacific climate variability (Toshio Suga)

11.50 – 12.20 Tsuchiya jets and their climate relevance (Jay McCreary)

Lunch 12.20 – 13.20

13.20 – 13.50 SPICE (Lionel Gordeau)

13.50 – 14.20 PUMP (Billy Kessler)

14.20 – 14.50 VOCALS (Roberto Mechoso)

14.50 – 15.20 Discussion Session 5

Break 15.20 – 15.40

Session 6 - Pacific observational systems

15.40 – 16.10 Anthropogenic carbon dioxide increases in the Pacific Ocean (Dick Feely)

16.10 – 16.40 Observational programs in the Northeast Pacific – what have they contributed to understanding climate variability (Bill Crawford)

16.40 – 17.10 Update on TAO Transition and related activities (Mike McPhaden)

17.10 – 17.40 Observational techniques (Dongxiao Wang)

17.40 – 18.00 Discussion Session 6

End of day 18.00

February 17th, 2006

9.00 - 9.20 The APDRG: where to archive your data? (Jim Potemra)

9.20 – 9.50 GCOS in the Pacific Islands (Howard Diamond)

9.50 – 10.20 The reorganized US CLIVAR (David Legler)

Break 10.20 – 10.40

10.40 – 12.20 Working groups

- Advanced numerical and observational techniques
- Warm pool climate and its sensitivity
- Use of ocean data assimilation
- Pan-oceanic connections
- Advancing seasonal predictability
- Falsifying hypothesis

Lunch 12.20-13.20

13.20-14.20 Major issues for working groups

14.20-14.50 Consolidate observational programs and develop new thrusts

14.50-15.10 Panel input for JSC XXVII (Pune, India) and CLIVAR SSG-14 (Buenos Aires, Argentina)

Break 15.10-15.30

15.30-16.00 Reaching out to other programs (PICES, CliC Arctic panel, GEWEX, GLOBEC etc.)

16.00-17.00 Final discussion, writing assignments

End of day 17.00