

## Air-sea Interaction and Climate Variability over the Northwest Pacific

Tuesday December 21, 8:30 – 17:30  
IPRC Conference Room POST414

### AGENDA

8:30 – 8:35 Kevin P. Hamilton  
Opening remarks

*Science reports and plans in the “Hot spots” project*

Chair: Niklas Schneider

8:35 – 9:15 Hisashi Nakamura  
‘“Hot spots” in the climate system: A new Japanese initiative on extratropical air-sea interaction study’

9:15 – 9:35 Wataru Ohfuchi  
‘Preliminary report: Observation and numerical simulation of air-sea interaction over Kuroshio extension region, late-June, 2010’

9:35 – 9:55 Yoshimi Kawai  
‘Observational research on air-sea interaction in the Kuroshio-Oyashio Extension region’

9:55 – 10:15 Masami Nonaka  
‘The Kuroshio Extension system and its influence for ecosystem: research plan and preliminary results’

10:15 – 10:30 Coffee break

*Oceanic impacts on regional climate*

Chair: Bo Qiu

10:30 – 10:50 Atsuhiko Isobe  
‘Possible influences of the East Asian marginal seas on regional climate’

10:50 – 11:10 Niklas Schneider  
‘The impact of SST on the atmospheric Ekman layer and Ekman pumping’

11:10 – 11:30 Youichi Tanimoto  
‘A low SLP wedge and ageostrophic surface winds along the Kuroshio and its extension – Analysis and monitoring –’

11:30 – 11:50 Nikolai A. Maximenko  
‘Atmospheric signature of oceanic striations’

11:50 – 13:40 Lunch break

*Decadal variability and change*

Chair: Masami Nonaka

13:40 – 14:00 Bo Qiu

‘Decadal predictions of the dynamic state of the Kuroshio Extension system’

14:00 – 14:20 Bunmei Taguchi

‘Influence of decadal variability of the Kuroshio Extension system on the large-scale atmospheric circulation: Observations and a coupled model simulation’

14:20 – 14:40 June-Yi Lee

‘Decadal change of the NH storm track’

*Air-sea interactions in the tropics and extratropics*

Chair: Hiroki Tokinaga and Yu Kosaka

14:40 – 15:00 Kelvin Richards

‘Scale interactions in the tropical Pacific involving turbulent oceanic mixing’

15:00 – 15:20 Yu Kosaka

‘Climate variability, inter-model diversity and projected future changes over the summertime western North Pacific in the CMIP3 models’

15:20 – 15:35 Coffee break

15:35 – 15:55 Shang-Ping Xie

‘Mode water ventilation as a bridge between the Kuroshio Extension and Subtropical Countercurrent: Dynamics and variability’

15:55 – 16:15 Hiroki Tokinaga

‘A long, consistent surface wind dataset for climate change analysis’

16:15 – Discussion of future collaborative research

Chair: Hisashi Nakamura and Shang-Ping Xie

18:30 – Dinner at a local restaurant