



Multidecadal to Centennial Global Climate Variability

November 15 - 17, 2006

Pacific Room, Imin Conference Center, East-West Center, Honolulu, Hawaii

AGENDA

Wednesday, November 15

8:15 am Bus pick-up at Pacific Beach Hotel

8:30-9:00 Registration, Coffee and Pastries

9:00-9:15 Welcome and Logistics (Axel Timmermann)

9:15-9:45 Michael Mann: The AMO Signal in Proxy and Instrumental Observations

9:45-10:15 David Enfield: Is the AMO a natural climate mode, and how does it affect hurricanes?

10:15-10:45 Clara Deser: Multi-decadal climate variability in the tropical Indo-Pacific and impacts on the extra-tropical atmospheric circulation

10:45-11:15 Registration, Poster Session I, and coffee break

11:15-11:45 Tom Delworth: Simulation of Atlantic multidecadal variability and its global impact with the GFDL CM2:1 climate model

11:45-12:15 Axel Timmermann: The influence of the the AMOC on tropical Pacific climate

12:15-12:45 Rowan Sutton: Impacts of Atlantic Multidecadal Variability: seasonal mean climate and ENSO

12:45-14:00 Lunch on campus

14:00-14:20 Marcelo Barreiro: Extratropical influence on the tropical oceanic state: Insights from a Heat budget perspective:

14:20-14:40 Robert Burgman: ENSO decadal variability in a regionally forced hybrid coupled model

14:40-15:10 Femke deJong: Variability and possible convective mixing in the Irminger Sea

15:10-15:40 - Poster session I and coffee break

15:40-16:00 Lianke Te Raa: Physics of North Atlantic multidecadal variability in a hierarchy of models

16:00-16:20 Sergey Kravtsov: Role of nonlinear processes and multi-scale interactions in mid-latitude decadal climate variability

16:20-16:50 Thiery Huck: Internal modes of the ocean circulation on decadal to centennial time scales and their mechanism

16:50-18:15 Henk Dijkstra: Synthesis, Discussion

18:15-20:30 Reception at the East-West Center

20:30 Bus pick-up and return to Pacific Beach Hotel

Thursday, November 16

8:15 am Bus pick-up at Pacific Beach Hotel

8:45-10:15 Poster Session I, coffee and pastries

10:15-10:45 Nate Mantua: Observational evidence for Pacific Multidecadal Variability

10:45-11:15 Bo Qiu: Coupled Decadal Variability in the North Pacific: An Observationally-Constrained Idealized Model

11:15-11:45 Niklas Schneider: Evolution of the Kuroshio Large Meander in an eddy resolving ocean model

11:45-12:15 Shang-Ping Xie: Modeling the mean state and variability of tropical climate

12:15-12:45 Soon-Il An: Decadal modulations of ENSO nonlinearity

12:45-14:00 Lunch on campus

14:00-14:20 Feng He: The role of oceanic circulation for the decadal variability of the NAO

14:20-14:40 Katy Hill: The East Australia Current: anatomy of low frequency variability, and its drivers:

14:40-15:00 Uta Krebs: Tropical air-sea coupling destabilizes the AMOC

15:00-16:00 Poster Session II and coffee break

16:00-16:20 Daniela Matei: Subtropical forcing of decadal ENSO modulations

16:20-16:40 Bunmei Taguchi: Decadal Variability of the Kuroshio Extension

16:40-17:55 Fei-Fei Jin: Synthesis, Discussion

18:15 Pick-up participants for dinner

18:45-21:00 Dinner

21:00 (pick-up for hotel)

Friday, November 17

8:15am Pick-up at Pacific Beach Hotel

8:45-9:15 Poster Session II, coffee and pastries

9:15-9:45 Amy Clement: Atmospheric feedbacks in Pacific Decadal Variability

9:45-10:15 Helen Johnson: Global teleconnections of meridional overturning circulation anomalies

10:15-10:45 Francois Primeau: Low-frequency variability of western boundary current extension systems: A bifurcation analysis

10:45-11:15 Poster Session II and coffee break

11:15-11:45 Paola Cessi : Review of mechanisms of decadal variability in the ocean

11:45-12:15 Shayne McGregor: The role of off-equatorial wind stresses and ocean Rossby waves on the Pacific Ocean interdecadal SST variability

12:15-13:30 Lunch on campus

- 13:30-13:50 Jeff Knight Evidence for the Atlantic Multidecadal Oscillation as an internal climate mode from coupled GCM simulations:
- 13:50-14:10 Rob Scott: Predictability of North Pacific SST decadal variability in a simple stochastic model
- 14:10-14:30 Lixin Wu Extratropical control of recent tropical Pacific decadal climate variability: A relay teleconnection
- 14:30-15:00 Scott Power: The predictability of interdecadal changes in ENSO teleconnections and the origin of decadal ENSO-like patterns
- 15:00-17:00 Axel Timmermann and Henk Dijkstra: Synthesis and Discussion
coffee served
- 17:00-18:30 A quick and steep evening hike for those interested, otherwise bus-pickup!

Poster session I

Leila Carvalho: Global spatial organization of temperature extremes

Florian Sevellec: Sea surface salinity impact on the thermohaline circulation

Chris Spannagle: Global warming and multidecadal climate variability

Dmitry Vyushin: Impact of Long-Range Correlations on Trend Detection in the Total Ozone

Riccardo Farneti: A simplified coupled model of Atlantic climate variability: Preliminary results

Torben Smith: Oceanographic Changes in the North Atlantic during the 20th Century: Separating external forcing from internal dynamics

Poster session II

D. Copsey, R.T. Sutton and J.R. Knight: Recent trends in sea level pressure in the Indian Ocean region:

Iracema F.A. Cavalcanti Climate variability of South America Monsoon System:

Junye Chen: The spatiotemporal structure of the Pacific pan-decadal variability in the middle and low latitudes based on observed and reanalysis data

Xiuhua Zhu: Interdecadal Variability (IDV) of the Meridional Overturning Circulation (MOC) as an ocean internal mode