



Multidecadal to Centennial Global Climate Variability

November 15 - 17, 2006

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

AGENDA

Wednesday, November 15

8.15am Pick-up at Pacific Beach hotel

8.45-9.00 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 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

16.50-18.30 Henk Dijkstra: Synthesis, Discussion

18.30-20.30 Reception at the East-West Center

20.30 Pick up and return to Waikiki

Thursday, November 16

8.15am 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 Daheo Jin: Pacific Decadal Oscillation responding to ideally periodic ENSO

14.20-14.40 Feng He: The role of oceanic circulation for the decadal variability of the NAO

14.40-15.00 Katy Hill: The East Australia Current: anatomy of low frequency variability, and its drivers.

15.00-16.00 Poster Session II and coffee break

16.00-16.20 Uta Krebs: Tropical air-sea coupling destabilizes the AMOC

16.20-16.40 Daniela Matei: Subtropical forcing of decadal ENSO modulations

16.40-17.00 Bunmei Taguchi: Decadal Variability of the Kuroshio Extension

17.00-18.15 Fei-Fei Jin: Synthesis, Discussion

18.15 Pick up participants for dinner

18.45-21.00 Dinner

21.00 (maybe 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. Copesey, 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