

Annex 1:

Tropical Pacific Decadal Variability (TPDV) / ENSO Decadal Variability (EDV) Interaction Workshop

Draft Agenda

13 -14 October 2018, CENAIM at San Pedro de Manglalaralto, Ecuador

Time	Content
10.00–10.20	Arrival, Registration and Coffee
Day One	
10.20–10.35	Welcome and orientation (Chair: Antonietta) <ul style="list-style-type: none"> • Orientation/Safety procedures and issues/bathrooms etc. (Li, local organisers) • Welcome, purpose of workshop, expected outcomes (Mat) • Overview of draft paper concept and associated arrangements, e.g. breakouts, introduction to Day One sessions (Scott)
Session 1	Characteristics of EDV and TPDV (Chair: Kim, Mat):
10.35-10.55	Introductory talk (Kim Cobb)
10.55-11.10	Scott Power: "Some important characteristics of TPDV and EDV"
11.10-11.25	Julia Cole: TBD
11.25-11.40	Magdalena Balmaseda: "Useful oceanic datasets data sets to study EDV and the TPDV »
11.40-11.55	Discussion (Chair: Kim, Mat)
Session 2	Ability of climate models to simulate TPDV and EDV (Chair: Andrew, Yuko):
11.55-12.15	Overview Introductory talk (Andrew Wittenberg): "Decadal variations of tropical Pacific climate and ENSO: Model representation and key questions. »
12.15-12.30	Yuko Okumura: "TPDV and EDV in a 1300-yr simulation of CCSM4"
12.30-12.45	Scott Power: "Simulation of multi-decadal change"
12.45-13.00	Discussion (Chair: Andrew, Yuko)
13.00-14.00	Lunch
Session 3	Mechanisms responsible for EDV and TPDV (Chair: Antonietta, Scott), including:
	<ol style="list-style-type: none"> a. Oceanic processes responsible for decadal variations b. Alternative view: EDV->TPDV, TPDV-> EDV, Two-way interactions c. Other mechanisms: random processes, Inter-basin forcing, External forcing
14.00-14.15	Overview Introductory talk on 3a (Antonietta Capotondi): "Role of oceanic processes in generating EDV and TPDV"
14.15-14.30	Shayne McGregor: "Assessing interannual to decadal changes in Pacific Ocean circulation"
14.30-14.45	Jerome Vialard: "Global ocean heat content redistribution during the 1998-2013 Interdecadal Pacific Oscillation negative phase"
14.45-15.00	Janet Sprintall: "Decadal variability of WBC and their implication on the tropical Pacific variability"
15.00-15.15	Introductory talk on 3b (Scott Power): "One-way and two-way interactions between EDV/TPDV"

Time	Content
15.15-15.30	Dan Vimont: "A review of the role of ENSO in generating tropical Pacific decadal variability"
15.30-15.45	Pascale Braconnot: "What could we learn from long mid to late Holocene simulations?"
15.45-16.00	Yuko Okumura: "Role of stochastic atmospheric forcing from the extratropical Pacific in TPDV/EDV"
16.00 – 16:30	Coffee Break
16:30-16.45	Overview Introductory talk talk on 3c (Shayne McGregor): "Role of inter-basin and external forcings in generating EDV and TPDV"
16.45-17.00	Aaron Levine: "AMO Forcing of Pacific and ENSO Decadal Variability."
17.00-17.15	Myriam Khodri: "The influence of volcanic forcing on Pacific Ocean inter-annual to decadal variability over the last centuries"
17.15-17.45	Discussion (Chair: Antonietta, Scott)
17.45-18.00	Wrap up, overview of Day Two, logistics (Mat, Li)
18.30 – 22.00	Drinks and Dinner at Originarios Bistró, Hotel NATIVA BAMBU Ecolodge

Time	Content
Day Two	
Session 4	Predictability and predictions/hindcasts/projections of TPDV and EDV (Chairs/Facilitators: Eric, Mat) <ul style="list-style-type: none"> a. Predictability of TPDV/EDV b. Compare magnitude of anthropogenic response to TPDV/EDV c. Predictions for Pacific over the coming 2-3 decades
8.30-8.50	Introductory talk (Eric Guilyardi): "Introduction to Pacific decadal predictability"
8.50-9.05	Matthieu Lengaigne (on the behalf of M. Belen Rodriguez Fonseca/E. Exharchou): "Update on decadal Pacific prediction at BSC"
9.05-9.20	Mat Newman: "Characterizing Pacific Ocean Regime Shifts"
9.20-09.40	Discussion (Chair: Eric, Mat)
Session 5	Recommendations to improve understanding of TPDV and EDV, and associated challenges (Chair: Mike, Cai)
09.40-10.40	Discussion (Chair: Mike, Cai)
10.40-11.00	Coffee Break
	The TPDV/EDV paper
11.00-11.10	Introduction to Breakouts (Scott)
11.10-13.00	Breakouts
13.00-14.00	Lunch
14.00-15.15	Report back in plenary/discussion (Chair: TDB)
15.15-15.30	Coffee Break
15.30-16.15	Presentation and discussion of consolidated outline (Scott)
16.15-16.45	Wrap up, next steps logistics (Mat)
18.00-22.00	Dinner