

# **Draft Agenda: Using paleo-climate model-data comparisons to constrain future climate**

**March 1-3, 2012, Honolulu, Hawaii**

## ***Thursday 1<sup>st</sup> March:***

Morning Session: *Discussion of general issues*

1. The nature of the multi-member ensemble
2. Role of out-of-sample evaluation of climate models
3. Statistical framework – inference, inverse/forward models, initial condition/structural uncertainty
4. Paleo-climate simulations in PMIP3/CMIP5
5. Data syntheses

Afternoon Session: *Hydrological climate test case*

1. Regional rainfall
2. ENSO variability and changes in mean state

Evening: Public event at Bishop Museum

## ***Friday 2<sup>nd</sup> March:***

Morning Session: *Other AR4 uncertainties*

1. Sea level rise/ice sheet sensitivity
2. Meridional overturning circulation/sea ice

Afternoon Session: *AR4 uncertainties (cont.)*

1. Climate sensitivity, lessons from volcanic/solar perturbations, polar amplification
2. Biogeochemical feedbacks (carbon cycle, methane, dust, aerosols, ozone etc.)
3. Extreme events (i.e. paleo-tempestology, historical climate)

Workshop dinner

## ***Saturday 3<sup>rd</sup> March:***

Morning session: *Breakout groups*

1. Breakout groups on progress so far and needed work  
*Break out group leaders and respondents: TBD*

Afternoon session: *Drafting*

1. Reports from breakout groups
2. Drafting discussion of “best practice” white paper/hydrological climate example

End of meeting