Impact of climate scenarios on vulnerability and coping

"How does the climate modeler fit in the picture" Bruce Hewitson University of Cape Town, South Africa http://www.csag.uct.ac.za
Climate change projections and seasonal forecasting span the time scales for adaptation strategies.
Adaptation is inherently dependant in understanding and the system, and credible projections to inform / determine action















Adoption examples:

Commercial farmers general view "not useful" Lack of spatial detail (large area average) Inappropriate temporal resolution (3-month average) Difficult to interpret

Subsistence farmers show variable adoption Problem of sustaining trust Difficult access / communicate Difficult to interpret

Other sectors – variable adoption eg: Water resource managers dangerous adoption Naïve acceptance of seasonal forecasts to deep skepticism of climate change projections







Concluding statements

Appropriate coping strategies for effective adaptation are, in part, conditional on tailored probabilistic projections

and

Understanding by climate community of user community needs

Understanding by user community of climate projection limitations

Within-country capacity (local knowledge) to generate tailored products

Effective communication / language