Agenda, NCAR IAM Group Annual Meeting, August 19-20, 2013

Damon Room, NCAR Mesa Lab (http://www2.ucar.edu/campus/mesa-laboratory)

Monday, August 19

8:00-8:30	coffee available	
8:30-9:00	Brian O'Neill	IAM group overview and introductions
9:00-10:30	***Spatial modeling I***	
	20 Bryan Jones/Galen Maclaurin, NCAR	Spatial projections of population density
	20 Dan Runfola, NCAR/CU-Boulder	Spatial projections of urban extent
	20 Prasanth Meiyappan, Univ. Illinois	Progress on a spatial allocation model of agricultural land use change
	30 Discussion	
10:30-11:00	Break	
11:00-12:30	***Spatial modeling 2***	
	20 Stefan Leyck, CU-Boulder	Predictive modeling of rural land development
	20 Doug Nychka, NCAR/IMAGe	Spatial statistics
	20 Jordan Winkler, Boston Univ./NCAR	Spatial prediction of multimodel climate change pattern scaling
	30 Discussion	
12:30-1:30	Lunch	
1:30-3:00	***Climate change impacts***	
	20 Claudia Tebaldi, Climate Central/NCAR	Near-term temperature changes and global crop yields: CMIP vs. Big Ensemble
	20 Rachel Licker, Princeton Univ.	Climate change impacts on recent crop yield trends and rural migration patterns
	20 Lori Hunter, CU-Boulder	Environment and migration in Mexico
	30 Discussion	
3:00-3:30	Break	

3:30-5:20	*Socio-economic pathways*	
	30 Joeri Rogelj, ETH-Zurich	Integrating uncertainties for climate change
	20 Dale Rothman, University of Denver	Implementing the Shared Socio-economic Pathways in the International Futures (IFs) model
	20 Bas van Ruijven, Xiaolin Ren, NCAR	iPETS scenarios for Latin America
	40 Discussion	
5:30-7:00	Reception	

Tuesday, August 20

	8:30 coffee available	
	Overview	
8:45-9:00	Brian O'Neill	Intro to Day 2
9:00-10:30	*iPETS model implementation*	
	20 Rich Loft, NCAR/CISL	Experiments with parallelizing the iPETS model solution algorithm
	20 Mike Dalton, NOAA	New solution algorithms for the iPETS CGE model
	20 Ed Balistreri, Colorado School of Mines	Implementing iPETS in the GAMS programming language
	30 Discussion	
10:30-11:00	Break	
11:00-12:30	*Energy and land use*	
	20 Doug Arent/Patrick Sullivan, NREL	Improving the representation of renewables in IAMs
	20 Landy Sanchez, El Colegio de Mexico	Changes in Mexico's wealth and household energy consumption
	20 Peter Lawrence, NCAR/CGD	Climate effects of land use change
	30 Discussion	
12:30-1:30	Lunch	
1:30-3:10	*Drivers of emissions and vulnerability*	
	20 Brant Liddle, University of Victoria, Melbourne	Nonlinearities in the GDP-carbon relationship
	20 Leiwen Jiang, NCAR/CGD	Relationships among scenario drivers: consistency of historical data and model outputs
	20 Mary Hayden, NCAR/RAL	Weather, climate, and health
	10 Bryan Jones, NCAR/CGD	Population exposure to climate hazards
	30 Discussion	
3:10 - ?	Wrap up discussion at the Southern Sun	