

AGENDA

LCLUC Synthesis: Ecosystem-Society Interactions on a Changing Mongolian Plateau MSU_UM Project Partners Meeting

Monday 27 October, 2014
9:30a.m. - 1:00p.m.

Location:

Dana Building, Room 4315A
School of Natural Resources & Environment, University of Michigan
440 Church Street, Ann Arbor, MI 48109

Participants: **UM:** Dan Brown, Ginger Allington, Wei Li; **MSU:** Jiquan Chen, Ranjeet John, Changliang Shao, Peilei Fan, Hogeun Park, Zutao Yang; **EMU:** Siyu Fan

9:30-11:00

SYSTEM DYNAMICS MODELING

- Further discussion of the conceptual model: structure, feedbacks
- Data integration
- SEM integration

11:00-11:15

BREAK

11:15-12:30

METADATA STANDARDS

- Data archive formats; web inventories; variable lists;

WEBSITE (Hougeun, arrive at 11 am)

- Update on progress
- Project information
- Data portal
- Listserv for the group? this is ready (msu_um_nasa_lcluc@globalchange.msu.edu)
- Password protected partition on server(cameron)
- naming conventions (IM, MN, MG..)
- Socioecon-human census, livestock, survey, boundary files
- Biophys-flux, climate, vegetation, soils, land cover,
- Publication supplemental data-links by paper, entire reference, pdf, data links
- table under each heading
- document the data we put out on in papers
- raw data is posted a is
- folder heading: IM_NPP_ _MODIS, IMDULONG_FLUX_2009_LEES, MGSOUM_CROP_2013_NSO
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DATA UPLOADING PROCEDURES

- List of data to be uploaded this year (Ranjeet, Hoguen, etc). Please give us a list of what you need. We will add that to what we are going to upload (if we have it).
- publishing of survey data

12:30-1:00

TIMELINE & SCHEDULES/RESPONSIBILITIES

- Products / Outcomes
- Hoguen is in the process of uploading data (to the project website) that Ranjeet and Changliang have sent him
- Identifying a lead and core author(s) for 3-5 manuscript for the next 12 month, or before the summer 2015
 - Scenario planning exercise paper (Maria Fernandez, Dan Brown and Chen, J.).
 - John, R., Chen, J., Kim, Youngwook, Ouyang, Z., Xiao, J., Samanta, A., Ganguly, S., Batkshig, O, Amartuvshin, A. and Shao, C.. Differentiating between anthropogenic modification and climate driven change using long-term vegetation index trends adjusted for precipitation on the Mongolian plateau.
 - Grazing effects on energy exchange in a desert steppe on Mongolian Plateau (Changliang Shao, Gang Dong, Jiquan Chen, Linghao Li, Ranjeet John).
 - Agent based modeling (ABM) to study herder adaption to climate change and market forces pressure (Hogeun, Susie, Amaraa, Yaoqi, Dan Brown, Arika Ligmann).
- MSU team would like Li to come down to E. Lansing for a day and give us training in System Dynamics so we get a better idea of what parameters are required and how we can contribute. Jiquan will be back on Nov 9. See if this can be done between 11/10-12/1
 - From Dan: This is the topic of the first agenda item for today. Let's address as many of your questions and work on the structure of the model today. We will certainly need to carry on the conversation and can meet next in EL to do so.
- We can (of if we have time) to organize a symposium or session at a professional meeting such as ESA or AGU. It would be good for team members to lead such as session.
- Also, since Jiquan just became the editor for the "Landscape Ecology" book series for Springer, If you have an interest in editing/writing a book, please bring this up as well. A book on CHN of Mongolia Plateau may be useful.