

4th NASA Land Cover Land Use Change Science Team Meeting
Sheraton Hotel, Reston, Virginia, April 3 - 5
Agenda Final Draft

Based on the comments from the last meeting I have tried to be a little more creative with the upcoming LCLUC ST meeting, avoiding parallel sessions.

We do have a number of programmatic objectives for this meeting which I would like to see accomplished:

- 1) Presentation of final results from the Round 1 LCLUC projects
- 2) Presentation of preliminary results from the Round 2 LBA projects
- 3) Brief the Science Team on recent developments in ESE and LCLUC
- 4) Brief the team on status of Landsat7 and Landsat Follow-on programs
- 5) Develop plans for packaging the results in an LCLUC Book

In advance of the meeting - I would like the PI's to update (or in some cases produce!) their 'Significant Results' Overheads that were generated after the last meeting as 2 -3 vugraphs and submit these as power point files to Lynn Hedlund (lhedlund@virginia.edu), prior to the meeting - a full set of these results will then be provided to the PI's at the meeting to help in the synthesis.

I am hoping that each of the LCLUC studies will provide a paper summarizing their results in detail later in the year for inclusion in the NASA LCLUC Book. We can develop a workable schedule at the meeting.

I would like to have the LBA P.I.'s present their intermediate results as (20 minute) project presentations on Day 1 (in the way that we did at the last meeting - i.e. objectives of the research, intermediate results, mid course corrections and revised deliverables and schedule).

But rather than have an endless series of project presentations from the Round 1 studies and having circulated the 'Significant Results' material in advance - we can use the meeting to look at the research from a more thematic perspective, with each Round 1 study presenting more detailed material from their research according to a research theme - I have identified the following themes:

- quantifying the pattern of LCLUC (observations and assessments),
- modeling the process of LCLUC (process studies),
- quantifying the impacts of LCLUC (impact studies).

We would then have a breakout-session to summarize and synthesize these findings - the breakout sessions will hopefully lead to some synthetic chapters for the LCLUC Book.

I have tentatively put PI's in different sessions based on my perception of where they are focusing and in response to some email traffic.

Agenda - Final Draft

Monday April 3 – Plenary

Introduction 9am START

Welcome and Objectives of the Meeting – Garik Gutman (LCLUC Program Manager) – (20 mins)

State of the LCLUC Program – Chris Justice (LCLUC Project Scientist) – (20 mins)

Plans for the LCLUC Book – Chris Justice - (10 mins)

LBA Session - Preliminary Results Presentations (20 minutes each + questions)

LBA Status report – Michael Keller 15mins

William Laurance

Richard Bilsborrow

Emilio Moran

Bob Walker

12.30 Lunch

Monday 3 April PM – Plenary Start 1.30pm

LBA Session Continued (20 minutes)

Dave Skole

Dan Nepstad

Open Discussion

LCLUC Round 1 Theme Presentations (20 minutes)

Quantifying Patterns of LCLUC (Observations and Assessments)

Dan Brown

Paul Desanker

Tom Fisher

Ruth DeFries

Olga Krankina (*Mark Harmon, PI*)

Sasan Saatchi

Dave Verbyla

End of Session 5.30pm

Tuesday April 4 – Plenary Start 9am

Modeling the Process of LCLUC (Process Studies) (20 mins)

Jackie Geoghegan (Co-PI, SYPR Project)

Steve Sader
Ron Rindfuss
Dave Skole (S.E. Asia)
Robert Kaufmann

Quantifying the Impacts of LCLUC (Impact Studies) (20 mins)

Changsheng Li
Andy Hansen
Robert Webb (*Jonathon Overpeck, PI*)

Lunch – 12.30pm

Tuesday April 4 - Plenary Start 1.30pm

Greg Asner (*Carol Wessman, PI*)
Dave McGuire
Eric Kasischke / Kathleen Bergen
Pam Matson
John Mustard
Loretta Johnson
Steve Prince
Navin Ramankutty
Steve Running

End 5.30pm

Invited Speaker 8.00 – 9.00pm, Plenary

Anthony Janetos (WRI) – ‘Carbon, Land Use and the IPCC’

Wednesday April 5 – Plenary Start 9am

Status of the Carbon Program

Lisa Dilling (NOAA) – Status of the Interagency Carbon Initiative (20 mins)

Jack Kaye (NASA HQ) – The NASA Contribution to the Carbon Initiative (20 mins)

Discussion

Breakout Groups 10am – 12.30pm

Breakout Discussion Groups on LCLUC Scientific Synthesis: Advances in the Study of Land Cover and Land Use Change

Observations and Assessments (Chair:Ruth DeFries, Rapporteur:Paul Desanker)
LCLUC Process Studies (Chair:Jackie Geoghegan, Rapporteur: Eduardo Brondizio)
Quantifying Impacts of LCLUC (Chair:John Mustard, Rapporteur:Steve Prince)

LCLUC and Carbon Budget (Chair:Dave Skole, Rapporteur:Dave Kicklighter)
Future Directions for LCLUC (Chair:Billie Turner, Rapporteur:Pam Matson)

Lunch 12.30pm

April 5 Wednesday PM – Plenary 1.30pm

John Townshend – Global Observation of Forest Cover (20 mins)

Darrel Williams – Landsat 7 and Landsat Follow-on Status (20 mins)

Report Back from Breakout Group Chairs (15 mins) :

Methods,

Process Models,

Impacts

LCLUC and the Carbon Budget

The Way Forward for LCLUC

Discussion

Chris Justice – Meeting Summary and Recommendations (20 mins)

Garik Gutman - Forthcoming LCLUC NRA's and Next Steps for the LCLUC Program
(20 mins)

Finish – 4.30pm Wednesday