

Spring NASA LCLUC Science Team Meeting

Tuesday March 31st – April 2nd

Bethesda North Marriott

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Day 1. Tuesday, March 31 - 9:00 am – 5:00 pm

Session 1. LCLUC Program Science

9:00 Program Status – Garik Gutman (NASA HQ)

9:20 Program Evolution and Future Directions – Chris Justice (University of Maryland)

9:40 The role of LCLUC in the Earth Science Division - Mike Freilich (NASA HQ)

10:00 Discussion

10:30 Coffee Break - 20 minutes

Session 2. LCLUC Impacts on Environment and Climate-Review Presentations

11:00 LCLUC Impacts on regional hydrology in Central Asia –
Geoff Henebry (SDSU), Alexander Shiklomanov (University of New Hampshire),
and Xubin Zeng (University of Arizona)

11:30 LCLUC Impacts on Atmospheric Processes
Darla Munroe (Ohio State University) and Irina Sokolik (Georgia Institute of
Technology)

12:00 Linking Biophysics, Hydrology, Urbanization and Socio-economics in drylands
Lahouari Bounoua (GSFC), Mark Imhoff (GSFC) and Ron Smith (Yale)

12:30 Lunch - one hour
LCLUC Data Collection Effort
Enrique Montano and Kelley O'Neal

Session 3. LCLUC Impacts on Environment and Climate (cont.)-Review Presentations

1:30 LCLUC Impacts in the Urban Environment
Christopher Small (Columbia University), Scott Goetz (WHRC), Laura Bowling
(Purdue University), and Thomas Fisher (University of Maryland), Philip
Christensen (Arizona State University)

2:00 LCLUC, Floods and Fires
Keith Eshleman (University of Maryland), Dan Brown (Michigan Univ.), and
Alan Hope (San Diego State University)

Session 4. LBA Land Cover and Land Use Research Results -Review Presentations

2:30 Final Synthesis of LBA Program LCLUC- related findings
Eric Davidson (LBA ECO Project Scientist, Woods Hole Research Center), and
Steve Walsh (University of North Carolina)

3:00 State of the Science: Land Use Modeling in Amazonia
R. Walker (MSU), D. Nepstad (Moore Foundation), and E. Moran (Indiana
University)

3:30 Break- thirty minutes

Session 4.1. Strategic Presentation and Discussion

4:00 The future direction for the human dimensions of NASA LCLUC
Billie Turner (Arizona State University), Emilio Moran (Indiana University), Dan
Brown (University of Michigan), Chris Justice (University of Maryland)

4:30 Open Discussion

Session 5. Poster Session and Reception

5:00pm Poster Session and Reception in Salon G until 7:30pm

Day 2. Wednesday, April 1 9:00 am – 5:00 pm

LCLUC Instruments, Observations and Products

Session 6. Program Presentations

9:00	Land Climate Observation Needs	John Townshend (UMD)
9:20	National Climate Observation Needs	Jim Tucker USCCSP/GSFC
9:40	GOFC/GOLD Program Update	Tony Janetos (PNL)
10:00	CEOS WGCV LP Validation Update	Joanne Nightingale (GSFC)
10:20	CEOS WGISS Update	Martha Maiden (NASA HQ)
10:40	<i>Coffee Break- twenty minutes</i>	

Session 7. Instruments and Products

11:00	GLS Project Update	Jeff Masek (GSFC)
11:20	LDCM Instrument Update	Jim Irons (GSFC)
11:40	LDCM Science Team Issues and Priorities	Curtis Woodcock (BU),
12:00	Landsat 9 and the Landsat Data Gap	Bryant Cramer (USGS)
12:20	Questions- ten minutes	
12:30	<i>Lunch- one hour and a half</i>	

2:00 LCLUC Group Photo

Session 8. Instruments and Products (Cont.)

2:20	EO1 LCLUC related Science Achievements	Betsy Middleton (GSFC)
2:40	MODIS Status: Instrument and Products	Robert Wolfe (GSFC)
3:00	NPOESS VIIRS for Land Studies	Chris Justice / Robert Wolfe
3:20	<i>Coffee Break- twenty minutes</i>	
3:40	Decadal Survey Land Science Rationale and Plans	Diane Wickland (HQ)
4:20	Plenary open discussion on observation priorities and recommendations for NASA LCLUC Science	Chair – Chris Justice (LCLUC/UMD)

Day 3. Thursday, April 2 9:00 am- 12:30 pm

Session 9. Future LCLUC science directions

Review Presentations- thirty minutes each

9:00 The future direction for LCLUC validation activities
Olga Krankina (Oregon State University) and Curtis Woodcock (Boston University)

9:30 Land Cover and Land Use Change in Temperate Europe
Volker Radeloff (University of Wisconsin), Mutlu Ozdogan (University of Wisconsin), Curtis Woodcock (Boston University).

10:00 Changing Climate, Landcover and Water Resources in the Mountains of Central Asia over the last 50 years.
Vladimir Aizen (University of Idaho)

10:30 Coffee Break - thirty minutes

11:00 Summary of Workshop Results
Chris Justice and Stefania Korontzi (University of Maryland)

11:30 Open Discussion of Future Program Directions and Closing Remarks
Garik Gutman (LCLUC/HQ)

12:00 Lunch

End of Workshop