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

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter/Institution</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Land Climate Observation Needs</td>
<td>John Townshend (UMD)</td>
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<td>9:20</td>
<td>National Climate Observation Needs</td>
<td>Jim Tucker USCCSP/GSFC</td>
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<td>9:40</td>
<td>GOFC/GOLD Program Update</td>
<td>Tony Janetos (PNL)</td>
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<td>10:00</td>
<td>CEOS WGCV LP Validation Update</td>
<td>Joanne Nightingale (GSFC)</td>
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<td>10:20</td>
<td>CEOS WGISS Update</td>
<td>Martha Maiden (NASA HQ)</td>
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<td>10:40</td>
<td>Coffee Break- twenty minutes</td>
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Session 7. Instruments and Products

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter/Institution</th>
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<tbody>
<tr>
<td>11:00</td>
<td>GLS Project Update</td>
<td>Jeff Masek (GSFC)</td>
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<td>11:20</td>
<td>LDCM Instrument Update</td>
<td>Jim Irons (GSFC)</td>
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<td>11:40</td>
<td>LDCM Science Team Issues and Priorities</td>
<td>Curtis Woodcock (BU)</td>
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<td>12:00</td>
<td>Landsat 9 and the Landsat Data Gap</td>
<td>Bryant Cramer (USGS)</td>
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<td>12:20</td>
<td>Questions- ten minutes</td>
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<td>12:30</td>
<td>Lunch- one hour and a half</td>
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2:00 LCLUC Group Photo

Session 8. Instruments and Products (Cont.)

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