Wrap-up Future Plans Final Remarks

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BACK IN TIME: LCLUC MAJOR ISSUES 20 YEARS AGO

- Food Production and Distribution
- Carbon Sources and Land Use
- Carbon Sinks and Land Use
- Management of Ecosystems for Goods & Services
- Preservation of Unique Places

Tony Janetos (1999)

LCLUC Program Manager 1996-1999 Current GOFC-GOLD Chair



Solicitations Throughout the Years

LCLUC-08

Climate change impacts on land use and contributions to large international non-NASA projects("small" proposals)

LCLUC-09

Detecting/quantifying and explaining/attributing agricultural or urban land use

LCLUC-10

Land use in wetland regions (vulnerability, impacts, and adaptation) + LCLUC Synthesis

LCLUC-11

Early career scientists, land-use across political borders

Step-1 invited

LCLUC-12

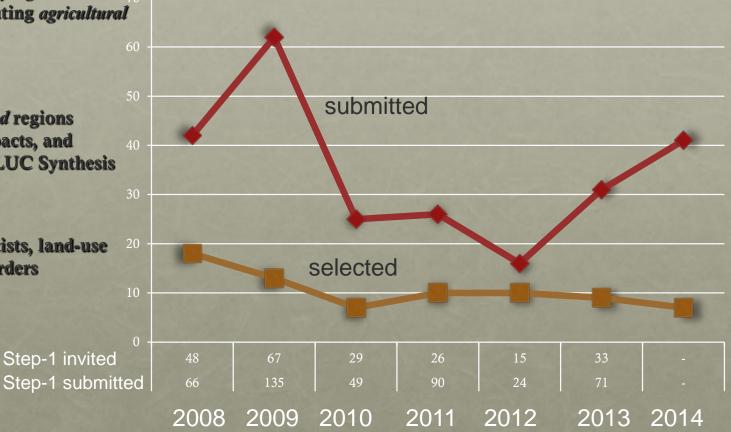
• Continental mapping of industrial forests from Landsat + **LCUC Synthesis**

LCLUC-13

• Changes in land use and land cover in mountainous areas + **LCLUC Synthesis**

LCLUC-14

• Multi-source Land Imaging (MuSLI)



Ongoing Solicitations

OROSES-2015

- LCLUC in South Asia (step-2 Jun 1, 2016; 27 proposals invited)
 - SARI Science Team will be formed
 - Synthesis

OROSES-2016

- LCLUC in Southeast Asia (Step 1 due Dec 1,2016; step 2 Jun 1, 2017)
 - SARI team will be enhanced
 - **O LCLUC in the Caucasus**
- O Carbon Cycle
- Interdisciplinary Science (IDS)
- Terrestrial Hydrology
- Terrestrial Ecology
- O Other (Terra&Aqua, etc.)

AIRBORNE OPPORTUNITIES FOR LCLUC SCIENCE

https://airbornescience.nasa.gov/



NEAR FUTURE LCLUC-RELATED MEETINGS

- Living Planet Symposium: 9-13 May 2016, Prague, Czech Republic
 - LCLUC-EARSeL joint workshop: 6-7 May, Prague
- Urban Transitions Global Summit: 5-9 Sep 2016, Shanghai, China
- SARI LCLUC-Atmosphere workshop: 17-22 Oct, 2016, Ho Chi Minh City, Vietnam
- Global Land Project Open Science Meeting: 24-27 Oct 2016, Beijing, China
- GOFC Land Cover/GFOI Symposium: Fall, 2016, Europe (the Netherlands?)

China Issue

- Public Law 112-10, Section 1340(a): None of the funds made available by this division [this law] may be used for the National Aeronautics and Space Administration or the Office of Science and Technology Policy to develop, design, plan, promulgate, implement, or execute a bilateral policy, program, order, or contract of any kind to participate, collaborate, or coordinate bilaterally in any way with China or any Chinese-owned company unless such activities are specifically authorized by a law enacted after the date of enactment of this division.
- Multi-lateral OK
- NASA \$\$ should not be spent so using non-NASA (extra) funds for collaboration with China is OK

NUMBER OF PUBLICATIONS



PROGRAMMATIC SUPPORT

- LCLUC site and Facebook page
 - One month ago we hit 1000 "likes"
- Quarterly e-Newsletter
 - The 2nd issue is out
- One-pagers
- Statistics:
 - Info on grad students needed
 - Info on publications needed



LCLUC Webinars series

- 16 projects have been showcased during 2014-15
- Urban and Urban-Ag transitions were covered
- The Spring 2016 webinar is on Ag monitoring

Programmatic Future

- Foster Landsat-Sentinel data fusing efforts
- Keep social science component as an integral part of the LCLUC proposals but not in all elements (e.g. ind. forests mapping or MUSLI)
- Emphasis on data fusion (Landsat+Sent2), optical+radar+IR
- Balance the program thematically and geographically
- · Promote our products internally and externally
 - FB page
 - Webinars
 - E-newletter
- Keep LCLUC calls on a regular, annual basis
 - Step-1 around Dec 1, Step-2 around June 1
 - Step-1 stops being "binding"



