

NASA'S LAND- COVER/LAND USE CHANGE PROGRAM

Wrap-up, Future Plans,
Final Remarks

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LCLUC Science Team Meetings

Washington: Cherry Blossom

2007: Climate/Carbon

2008: Joint CC&E Focus Area meeting

2009: LCLUC impacts on climate

2010: GLS LCLUC products

2011: 15th Anniversary (review/update)

2011/9: Agriculture (Joint CC&E FA)

2012: *Urban*

2013: *Wetlands*

International: Fall-Winter

2007: NEESPI/MAIRS

Urumqi, China

2009/1: MAIRS

Kohn Kaen, Thailand

2009/9: MAIRS/NEESPI

Almaty, Kazakhstan

2010: NEESPI

Tartu, Estonia

2011: MAIRS

Hanoi, Vietnam

2012: *MAIRS*

Dehradun, India

2013: *NEESPI*

Europe?



ST Meetings

- ▣ Feedback from the PI's
 - Format
- ▣ Data, metadata, NEX
 - Building the database – PLEASE, be responsive
- ▣ Identifying programmatic gaps, discussing new directions
 - Helps us develop ideas for future solicitations
 - Panels, breakout session
- ▣ Each ST meeting has a special focus
 - Invite international partners to attend
 - Invite Early Career Scientists to attend
- ▣ International: enhancing linkages with international programs and regional networks
 - International programs (e.g. NEESPI, MAIRS), new?
 - GOFC-GOLD

Education and Outreach

- ▣ New: Trans-Atlantic Students Initiative
 - NASA-ESA
- ▣ Facebook LCLUC page: PR and interactions with a wider community
- ▣ Statistics on LCLUC educational “products” are being collected – please be responsive
- ▣ Each PI is expected to provide
 - information on MS and Ph.D. students graduating during and after the project; Thesis title; dates
 - students achievements (awards, discoveries)
 - Awards by PI’s

LCLUC Current Portfolio

- ROSES-2007 5-yr mid-term
 - USPI (SALMON)
 - MEASURES
- ROSES-2008
 - LCLUC final stage
- ROSES-2009
 - LCLUC mid-term (Ag and Urban)
- ROSES-2010
 - USPI 5-yr mid-term
 - Carbon Cycle mid-term
 - LCLUC new starts (Synthesis and Wetlands)

Ongoing and future Solicitations

◎ ROSES-2011: LCLUC Step-2 ECS

- 90 submitted
- 26 invited for step-2
- Due June 1
- Selections in September

◎ ROSES-2011: IDS Urban Impacts on Environment

- ◎ 36 submitted
- ◎ 5-6 will be selected this month

◎ ROSES-2012: LCLUC Step-1 proposals

- ◎ Data on land use for models: Global mapping of industrial forests from Landsat

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

Future Steps

- ▣ Continue international efforts (under CEOS) to achieve
 - VIRTUAL Land Surface Imaging constellation (NASA+ESA, INPE, ISRO)
- ▣ Keep social science component in LCLUC projects an integral part of the LCLUC proposals
- ▣ Balance the program thematically and geographically
- ▣ Foster global land-use products generation for models
- ▣ Promote our products internally and externally (FB page, brochure)
- ▣ Keep LCLUC calls on a regular, annual basis
 - Step-1 Dec 1, Step-2 June 1
- ▣ Continue the twice-a-year ST meetings structure



Thank you,
Enjoy
Washington in Bloom

Thanks to Chris, Lydia and LeeAnn !!