

LCLUC Spring Science Team Meeting, 2018

Poster Presenters

The rapid poster introductions allow each poster presenter to give a brief 1.5 minute overview of their project. The idea is to capture the interest of the audience, to allow for further discussion and questions during the poster session. Each presenter will have 1 slide detailing their project. Posters were solicited from both recently-awarded and ongoing projects including recently awarded LCLUC SARI grants, LCLUC student projects, LCLUC Caucasus projects, LCLUC-related New Investigators (NIP), IDS, and NASA Carbon projects.

Rapid poster introductions

The agrarian transition in Mainland Southeast Asia: Changes in rice farming--1995 to 2018 – **Jeff Fox (East-West Center)**

Examining LCLUC in Southern Viet Nam Through Lenses of Conflict, Religion, & Politics – **Jessica McCarty (Miami University)**

Action-Research and Capacity Development in Africa and Asia – **Cheikh Mbow (START)**

Hydro-ecological impacts of land use change and dam construction in the Mekong river basin – **Yadu Pokhrel (Michigan State University)**

iSEC: Integrated Socioecological Carbon Production in Managed Agricultural-Forest Landscapes – **Jiquan Chen (Michigan State University)**

Agricultural Land Use Change in Central and Northeast Thailand: Effects on Biomass Emissions, Soil Quality, and Rural Livelihoods – **Varaprasad Bandaru (UMD)**

Evaluating the environmental and socio-economic outcomes of oil palm sustainability certification – **Kimberly Carlson (University of Hawaii)**

Assessing the effect of Bornean timber concessions with image fusion – **Josh Gray (NC State University)**

Spatial-temporal Landscape Pattern Change in the Rapid Urbanization Area in Ganges Basin – **Junmei Tang (George Mason University)**

Synthesis of urban LCLUC studies – **Karen Seto (Yale) and Meredith Reba (Yale)**

Validation of 3D Urban Building Volume Measurement from Space for Decadal Monitoring of Urbanization in 3D – **Son Nghiem (NASA JPL)**

Variation in phenometric lapse rates in pasture resources across four rayons in Kyrgyzstan – **Geoff Henebry (South Dakota State University)**

GOFC-GOLD SCERIN: Multinational intercomparison of Global and Continental land cover products in South Central and Eastern European Region – **Monika Tomaszewska (South Dakota State University)**

Modeling the dynamics of global pasturelands to climate variability and human impact – **Radost Stanimirova (Boston University)**

Management of social-ecological grazing systems in the Altai Mountain transboundary zone – **James Gibbs (SUNY-ESF)**

Comprehensive analysis of thirty years of land change in Georgia: patterns, carbon dynamics and drivers – **Pontus Olofsson (Boston University)**

Long-term land degradation in the Caucasus – **Volker Radeloff (University of Wisconsin-Madison)**

Downscaling IPCC Land Use Scenarios for Global Change Adaptation in Mountains – **Andrew Hansen (Montana State University)**

No Proportional Gross Carbon Sequestration from the Recent Greening Earth – **Conghe Song (University of North Carolina at Chapel Hill)**

EO-1 Hyperion Hyperspectral Time Series for Assessment of Vegetation Carbon Flux Dynamics – **Petya Campbell (University of Maryland Baltimore County) (Poster only)**

Fusing Landsat and Global DEM for 3D Urban Structure Mapping – **Panshi Wang (UMD)**

Linking Pattern to Process: Towards Time-Series of Emergent Large-Scale Land Acquisitions in sub-Saharan Africa – **Jonathan Sullivan (University of Michigan)**

The EODESM system: a New approach to Land Cover and Change Classification – **Ioannis Manakos (Center for Research and Technology Hellas)**

Vegetation LAI Response to Climate Stress in the Mediterranean Region – **Wei Fang (CUNY)**

Land use and land cover change exacerbates water scarcity in dry regions – **Yaling Liu (Columbia University)**

EcoMap: Electronic Coastal Monitoring and Assessment Program – **Liza Goldberg (NASA GSFC)**

Mapping and monitoring of wetland dynamics for improved resilience and delivery of ecosystem services – **Sangchul Lee (USDA) and In-Young Yeo**

Explicating the Historical Production of Land Rights in the Lower Mekong River Basin – **Bill McConnell (Michigan State University)**

Developing improved rice residue burning emissions estimates using a field and remote sensing based approach – **Kristofer Lasko (UMD)**