

International Land Cover/Land Use Changes Regional Science Team Meeting in South/Southeast Asia January 13-15th, 2016, Yangon, Myanmar

AGENDA

DAY 1 (13TH JANUARY, WEDNESDAY)

9:00-10:20 Session-I. Welcome and Introduction. Chair: Garik Gutman (NASA HQ, USA)

- 9:00 Opening address – U Win Tun (H.E Minister of MOECF, Myanmar)
- 9:15 Welcome remarks – Pho Kaung (Rector, Yangon University, Myanmar)
- 9:30 Welcome remarks – Garik Gutman (NASA LCLUC Program, USA)
- 9:35 Meeting objectives – Chris Justice (University of Maryland, College Park, USA)

Keynote Presentation

- 9:50 The NASA LCLUC science: Focus on South/Southeast Asia – Garik Gutman (NASA, USA)

- 10:10 Group Picture

- 10:20 Tea Break

11:00-12:45 Session-II. Regional Program Overviews. Chair: Garik Gutman (NASA HQ, USA)

Technical Presentations

- 11:00 South/Southeast Asia Research Initiative (SARI) – Krishna Prasad Vadrevu (University of Maryland, College Park, USA)
- 11:15 One Map Myanmar - Joan Bastide (University of Bern, Switzerland)
- 11:30 Land use/cover data, methods and products update – GOFCL Land Cover implementation team office – Brice Mora (Wageningen University, The Netherlands)
- 11:45 SERVIR: Mekong – Peter Cutter (Spatial Informatics Group, USA)
- 12:00 ICIMOD activities in the Hindu-Kush-Himalayan region – Hammad Gilani (ICIMOD, Nepal)
- 12:15 Discussion
- 12:45 Lunch

1:45 – 4:50 Session-III. Agriculture and LCLUC. Chair: Chris Justice (UMd, USA)
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Keynote Presentation

- 1:45 GEOGLAM international cooperation activities - Chris Justice (University of Maryland, College Park, USA)

Technical Presentations

- 2:05 Global cropland data products for ensuring food security: methods, algorithms and products based on satellite sensor data at 1km, 250m and 30m – Thenkabail Prasad (USGS, USA)
- 2:20 Climate sensitivity of winter cropping in India – Ruth DeFries (Columbia University, USA)
- 2:35 Agriculture sector in Myanmar–An overview – Kyi Toe (Yezin Agricultural University, Myanmar)
- 2:50 Identification of agricultural land use using object oriented classification techniques – Aung Swe (Patheingyi University, Myanmar)
- 3:05 Asia rice project - Thuy Le Toan (CESBIO, France)
- 3:20 Tea break
- 3:50 Conversion of agricultural land in the peri-urban areas of Hanoi: patterns in space and time – Pham Van Cu (Vietnam National University, Vietnam)
- 4:05 Mapping and modeling rice ecosystems with multiscale imagery – Nathan Torbick (Applied Geosolutions, USA)
- 4:20 Discussion

4:50	Session – IV. Posters. Chair: Qi (Michigan State, USA)
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Poster introductions (3-minutes each) and viewing

- 7:00 Welcome Reception

DAY 2 (14TH JANUARY, THURSDAY)

9:00 – 10:35	Session–V. LCLUC and Urban areas. Chair: Soe Myint (Arizona State University, USA)
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Keynote Presentation

- 9:00 Trends and drivers of land use/cover change in India - Atul Jain (University of Illinois at Urbana Champaign, USA)

Technical Presentations

- 9:20 Land use planning process in Myanmar – Myat Su Mon (MOECAP, Myanmar)
- 9:35 Land use/cover changes in Mandalay, Myanmar – Myint Khaing (Mandalay Technology University, Myanmar)
- 9:50 National land use policy development process and USAID’s land tenure project – Robert Oberndorf (USAID Land Tenure Project, Myanmar)
- 10:05 Geospatial analysis of urban landscape development in four state capitals in Myanmar- Htun Ko (University of Yangon, Myanmar)

10:20 Discussion

10:35 Tea Break

11:05 -12:20 Session – VI. Panel Discussion – NGO’s Perspective on the Needs, Priorities and Challenges of Environmental Research in Myanmar. Chair: Hassan Virji (START International Inc.)

11:05 Participating NGO’s - FREDa, BANCA, WCS, EcoDev, FFI, Smithsonian Institution, ADPC, EEERIMM, MERN, WWF, WCS, USAID, SEEDS-ASIA

12:20 Lunch (your own arrangement) followed by ½ day city tour (your own arrangement)

DAY 3 (15TH JANUARY, FRIDAY)

9:00-12:15 Session-VII. Big data, Forests and LCLUC. Chair: Rama Nemani (NASA AMES)

Keynote Presentations

9:00 NASA Earth Exchange (NEX) – A platform for scientific collaboration, knowledge sharing and research for Earth science community – Rama Nemani (NASA AMES, USA)

9:20 Global forest change products from remote sensing data - Matt Hansen (University of Maryland College Park, USA)

Technical Presentations

9:40 Challenges of national level forest cover change assessment in Myanmar - Aung Aung Myint (MOECA, Myanmar)

9:55 Geospatial techniques for assessment of wetland landscapes and their restoration in India- J.K.Garg – (G.G.Indraprasth University, New Delhi, India)

10:10 Contemporary forest cover changes and landscape fragmentation in Myanmar – A regional scale analysis - Sumalika Biswas (University of Maryland College Park, USA)

10:25 Tea Break

11:00 Development of above ground biomass (AGB) information system using different satellite data – Ajith Gunawardena (Geoinformatics Research and Development, Sri Lanka)

11:15 Carbon stock calculation and forest change assessment toward REDD+ activities for the mangrove forests in Southeast Asia – Wataru Takeuchi (Tokyo University, Japan)

- 11:30 Integration of environmental changes in the Chindwin river basin using remote sensing – Kay Thwe Hlaing (Bago University, Myanmar)
- 11:45 Discussion
- 12:15 Lunch

1:00-3:30 Technical Session VII. Land Atmospheric Interactions including Fires Chair: Brent Holben (NASA Goddard, USA)
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Keynote Presentation

- 1:00 7-SEAS campaign and in-situ instrumentation for validation of satellite measurements in Southeast Asia – Si Chee Tsay (NASA Goddard, USA)

Technical Presentations

- 1:20 Enhanced processing of AERONET AOD to retrieve AOD under heavy aerosol loading – Brent Holben (NASA GSFC, USA)
- 1:35 Application of remote sensing and GIS technology in the Dept. of Meteorology and Hydrology, Myanmar – Daw Htay Htay Than (Dept. of Meteorology and Hydrology, Myanmar)
- 1:50 Regional trends in land use/land cover change emissions in Asia - Prabir Patra (JAMSTEC, Japan)
- 2:05 Deforestation in Myanmar – Land and atmospheric effects – Soe Myint (Arizona State University, USA)
- 2:20 Fires in Sumatra and Kalimantan, 2015 – Bambang Saharjo (Bogor Agricultural University, Indonesia)
- 2:35 Discussion session followed by poster viewing
- 3:30 Tea Break

4:00-5:30 Discussion: Regional perspectives on SARI and priorities. Chair: Chris Justice (UMd); Rapporteur: Krishna Prasad Vadrevu (UMd)
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- 4:00 Discussion
- 5:30 Adjourn