

SESYNC Immersion Workshop Agenda - REVISED

Land Systems Science

February 5-6, 2019

Participating Scholars:

Tatiana Loboda (Univ Maryland)

Patrick Meyfroidt (Universite catholique de Louvain, Belgium),

Alexander Zvoleff (Conservation Int'l)

Tuesday, February 5

- 9- 9:10** **Welcome**
- 9:10-10:10** **Land System Science - Evolution of the field (Zvoleff, with Loboda and Meyfroidt)**
45-minute presentation and 15 minutes for Q&A
- 10:10-10:30** **What do we want to know about land system science**
(Q&A with postdocs about what they hope to learn, facilitated by Pulver)
- 10:30-11** **Break**
- 11-12** **Research Seminar: “Middle-range theories of land system change” (Meyfroidt)**
- 12-12:30** **Mini-activity**
(facilitated by Pulver)
- 12:30-1:30** **Lunch with scholars**
- 1:30-2:45** **Land Systems Science - Current (Loboda, with Meyfroidt and Zvoleff)**
60-minute presentation and 15 minutes for Q&A
- 2:45- 3:45** **Land Systems Science - Future directions (Meyfroidt, with Loboda and Zvoleff)**
45-minute presentation and 15 minutes for Q&A
- 3:45-4** **Break**
- 4-5** **Land systems science and post doc research interests**
(Concept mapping exercise for scholars and postdocs, facilitated by Pulver)

Wednesday, February 6

- 9-10 Introduction to remote sensing (Loboda)**
60 minutes combined lecture and Q&A
- 10-10:30 Data products, earth observations, and commodity flows (p1) (Zvoleff)**
30 minutes combined lecture and Q&A
- 10:30-11 Break**
- 11-11:30 Data products, earth observations, and commodity flows (p2) (Zvoleff)**
30 minutes combined lecture and Q&A
- 11:30-12:30 Linking qualitative and quantitative analyses in land system science: Causal inferences and distant linkages (Meyfroidt)**
60 minutes combined lecture and Q&A
- 12:30-1:30 Lunch**
- 1:30-1:40 Developing policy relevant research: Methods and tools for managing land degradation (Zvoleff)**
10-minute lightning talk
- 1:40-1:50 Developing policy relevant research: Early warning system for malaria in Myanmar (Loboda)**
10-minute lightning talk
- 1:50-2 Developing policy relevant research: Transparency in supply chains for land use governance: A double-edge sword (Meyfroidt)**
10-minute lightning talk
- 2-2:30 Q&A discussion: Lessons learned for developing policy-relevant research (facilitated by Pulver)**
- 2:30-3 Scholars' experiences: dos and don'ts for leading interdisciplinary research projects**
Circa 5 minutes of opening remarks per scholar, followed by Q&A
- 3-3:30 Break**
- 3:30-4 Wrap-up: Revisiting what we want to know about land systems science**
Group Q&A and discussion, facilitated by Pulver
- 4-4:45 Postdocs only: Feedback on workshop content, structure, and next steps**