



## Remote Sensing for Impact Evaluation

October 30, 2020 8am - 1pm PDT

This virtual workshop is catalyzed by a recent [call for proposals](#) on the environmental impacts of agricultural intensification, organized by SPIA and emLab at UCSB. The goal of this workshop is to facilitate cross-project learning and build synergies between researchers with expertise in impact evaluation and in remote sensing.

### Workshop facilitators:

Professor Kelsey Jack, Erin O'Reilly (emLab, UCSB)

Professor Karen Macours, James Stevenson (SPIA)

### Agenda (times in PDT)

**Introductions** (10 minutes) (8:00-8:10am)

**Remote sensing: State of the science and future applications** (30 minutes) (8:10-8:40am)

Presenter: David Lobell, Stanford University

**Q/A** (10 minutes) (8:40-8:50am)

**Remote sensing for policy evaluation** (20 minutes) (8:50-9:10am)

Presenter: Jennifer Alix-Garcia, Oregon State University

**Q/A** (10 minutes) (9:10-9:20am)

*Break* (10 minutes) (9:20-9:30am)

**Topic area: Land use, land cover change** (20 minutes) (9:30-9:50am)

Presenter: Kunwar Singh, AidData

**Topic area: Land degradation** (20 minutes) (9:50-10:10am)

Presenter: Ying Sun, Cornell University

**Breakout sessions** (30 minutes) (10:10-10:40am)

- Breakout session on land use, land cover change
- Breakout session on land degradation
- General discussion breakout session

These are not part of the video recording

*Break* (10 minutes) (10:40-10:50am)

**Topic area: Soil moisture across scales** (20 minutes) (10:50-11:10am)

Presenter: Binayak Mohanty, Texas A&M

**Topic area: Measuring small-scale agriculture** (20 minutes) (11:10-11:30am)

Presenter: Meha Jain, University of Michigan

**Breakout sessions** (30 minutes) (11:30am-12:00pm)

- Breakout session on soil moisture
- Breakout session on small-scale agriculture
- General discussion breakout session

These are not part of the video recording

**Impact evaluation: Opportunities and challenges for using remote sensing data** (20 minutes) (12:00-12:20pm)

Presenter: Kathy Baylis, University of California Santa Barbara

**Q/A** (10 minutes) (12:20-12:30pm)

**Concluding remarks** (10 minutes) (12:30-12:40pm)