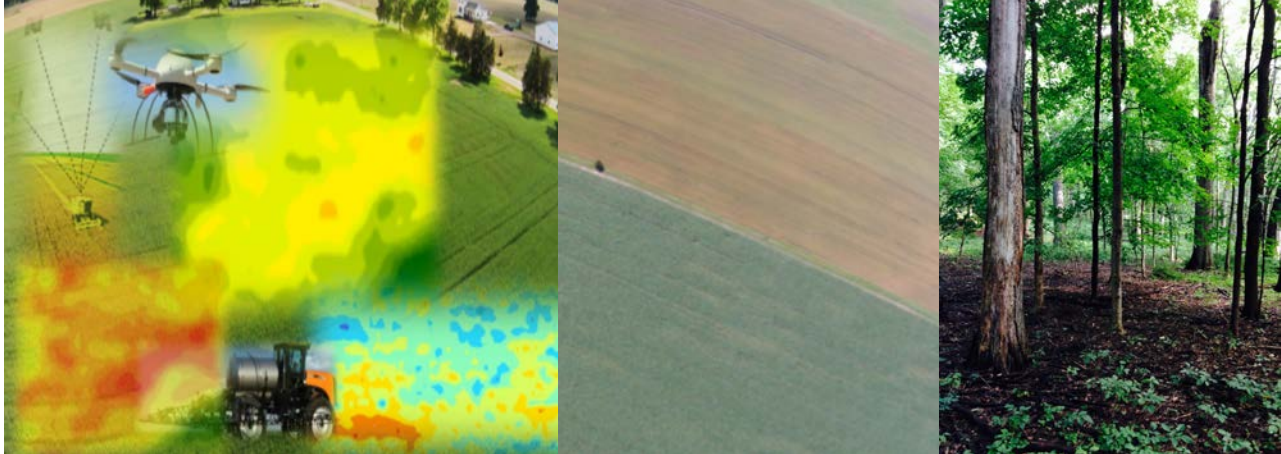


Summer Course 2015

Biological Modeling

GLG 893, section 431



A comprehensive overview of environmental dynamics in managed ecosystems illustrating how mathematical models can be used to forecast environmental change

Students will learn

- Physical, chemical and biological processes occurring in soil-crop systems
- Soil water balance
- Soil carbon, nitrogen and phosphorous dynamics
- Plant growth
- Plant development
- Simulation and prediction of climate and environmental change on net primary productivity and ecosystem services
- Use of the SALUS model (<http://salusmodel.glg.msu.edu>)

Who: Dr. Bruno Basso
basso@msu.edu

Where: W.K. Kellogg
Biological Station (KBS)

What: GLG 893, sec 431

When: May 18-29,
(MT RF, 9am-5pm)

For: Graduate students and
advanced undergrads
(with permission)

Credits: 2

A limited number of **travel and tuition fellowships** are available for MSU students. Students attending a CIC Institution may also be eligible for travel awards if enrolled in the course. Contact Director@kbs.msu.edu for more information