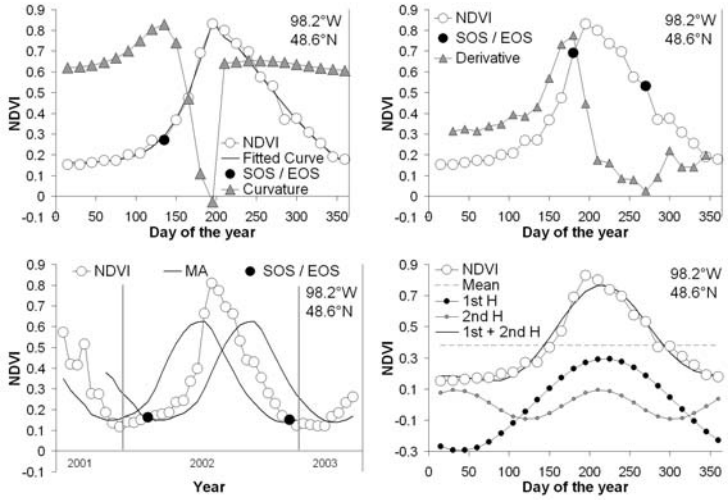
A Workshop on Land Surface Phenology

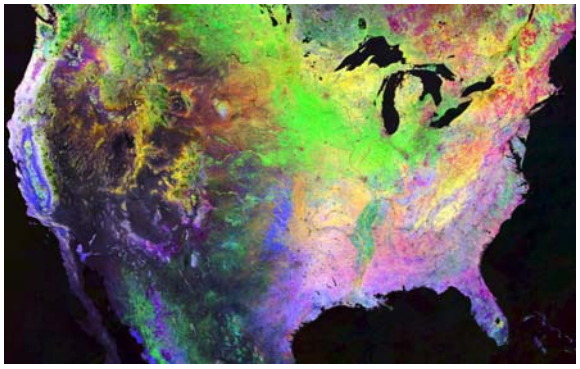
Phenology is the study of the timing of biological phenomena, with a particular emphasis on the linkages between abiotic drivers and biological responses of particular organisms. Land surface phenology explores how quasi-periodic events in terrestrial vegetation (e.g., budburst, leaf out, flowering, senescence) appear when observed through remote sensing technologies.

In this workshop you will learn…

- **the terminology of phenology and seasonality.**
- **the basics for ordering and processing of MODIS data products.**
- **how phenologies appear in image time series as observed from orbital sensors.**
- **about key methods for phenological observation and modeling using image time series**.

Above: a true-color MODIS image from May 22, 2002. You can clearly see that spring has started in the south (green), but that the north is still leafless (brown). The white areas are clouds Left: Different methods for describing land surface phenology. Below: Land surface phenologies across CONUS in 2000 revealed by three AVHRR biweekly composites.





Presenters: Kirsten de Beurs (Virginia Tech, Geography) & Geoff Henebry (South Dakota State Univ., GIScCE)
When: Tuesday, April 8, 2008 from 1:00pm – 5:00pm
Where: Forest and Wildlife Ecology Computer Lab, Room A120, Russell Labs, 1630 Linden Drive, University of Wisconsin-Madison
Cost: $15 to cover materials. Payable at the workshop.
Who should attend? Graduate students, post-docs, technicians, researchers interested in geospatial tools for investigating phenology.

Space is limited!

To sign up, email kdebeurs@vt.edu or Geoffrey.Henebry@sdstate.edu

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