



# Science and Application of Chlorophyll Fluorescence: Open Meeting and Airborne Fluorescence Workshop

Sept 26 -- Open Meeting

Sept 27-28 -- Airborne Workshop

Sept 29 -- Field trip

**REGISTER HERE:** [go.unl.edu/openmeeting](http://go.unl.edu/openmeeting)

*Sponsored by the Agricultural Research Division (ARD), Center for Advanced Land Management Information Technologies (CALMIT), Department of Agronomy and Horticulture, European Space Agency, Office of Research & Economic Development (ORED), School of Natural Resources and University of Nebraska–Lincoln*

*By detecting the invisible glow of chlorophyll, solar-induced fluorescence (SIF) offers to revolutionize remote assessment of plant photosynthesis, productivity, and stress. SIF is being applied with instruments at the ground level and with satellites at the global scale, but airborne studies of individual management units, including agricultural plots and individual ecosystems, are needed to provide further understanding of the underlying mechanisms tying SIF to photosynthesis.*

*This meeting will evaluate the state of knowledge in this rapidly emerging field and consider related science and technical applications, with a particular focus on airborne SIF methods and their validation.*

*The open meeting will be of broad interest and is open to the campus community, while the airborne workshop (by invitation) will focus on technical issues for SIF practitioners. The optional field trip will enable participants to learn more about SIF research at the University of Nebraska–Lincoln.*

**Day 1: East Campus Union**

**Days 2-3: Hardin Hall**

**East Campus**

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