Geospatial technologies such as remote sensing, GIS, GPS and digital spatial databases are becoming mainstream and being used operationally for precision agricultural practices. Remote sensing of crop evapotranspiration (ET) has matured over the last 15 years with multiple models and approaches and can now be used for real time irrigation water management. This presentation will discuss ongoing research on the use of these technologies for biomass and yield estimation, seasonal crop water use and water productivity estimates at different scales for different crops and locations.

Keim Hall, Room 150
UNL East Campus
Refreshments served at 3pm

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