

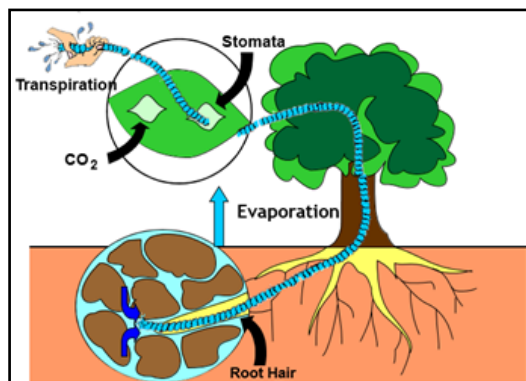
DISTINGUISHED SCHOLAR SEMINAR

***EVAPOTRANSPIRATION:
Measurements, Models and Connections to Climate***

Dr. Larry Hipps

Professor, Department of Plants, Soils and Climate
Utah State University

Dr. Hipps, a biometeorologist, and his research group conduct research on meteorology and land-atmosphere exchange.



SEMINAR ABSTRACT:

Evapotranspiration (ET) has very significant connections to water resources, hydrology, agriculture, ecology, and climate over many scales. Yet because of the complex biophysical nature of evapotranspiration, it remains a difficult process to measure, and especially to simulate or predict. State-of-the-art measurements and recent models of ET are presented. The limitations of more dated and empirical approaches will be noted. Recent advances in remote sensing-based models for spatial distribution of ET will be explored, including their strengths and limitations. Finally, an approach is proposed to simulate ET responses to temporal changes in climatic conditions.

Wednesday, April 18 2:30 - 3:30 PM Reitz Union Chamber (ground floor)

For additional details, please contact Carol Lippincott at the UF Water Institute (calippincott@ufl.edu).