

AGRICULTURAL AND BIOLOGICAL ENGINEERING

UF UNIVERSITY of FLORIDA



James W. Jones

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EDUCATION:

- Ph.D., North Carolina State University, Biological and Agricultural Engineering 1975
- M.S., Mississippi State University, Agricultural and Biological Engineering 1970
- B.S., Texas Tech. University, Agricultural Engineering 1967

PROFESSIONAL EXPERIENCE:

- 1998-Present: *Distinguished Professor*, UF ABE, Tenured.
- 1981-1998: *Professor*, UF ABE
- 1977-1981: *Associate Professor*, Agricultural Engineering Department, University of Florida. Tenure Accruing.
- 1973-1977: *Research Engineer*, USDA-ARS, and Assistant Professor, Agricultural and Biological Engineering Department, Mississippi State University (non-tenure accruing).
- 1971-1973: *Research Engineer and Graduate Research Associate*, USDA-ARS, North Carolina State University, Raleigh, NC
- 1967-1971: *Research Engineer*, USDA-ARS. Mississippi State University, Starkville, MS

AWARDS AND HONORS:

- Malone International Award, 2006
- Fellow, Soil Science Society of America, 2006
- Kashida International Award, 2005
- IFAS International Fellow, 2005
- CALs Doctoral Advising/Mentoring, 2005
- UF Research Foundation Professor Award (2004-2007)
- Distinguished Alumni Fellow, Bagley Engineering School, MSU, 2003
- ASAE Florida Section Member Award, 2002
- International Research Award, Gamma Sigma Delta-Florida Chapter, 2000
- Fellow of American Society of Agronomy, 1999
- Professor Excellence Program award, University of Florida, 1997
- OICD Fellowship - Colombia, 1993
- Fellow of the ASAE, 1990
- OICD Fellowship - France, 1989

Dr. Jones specializes in agricultural production systems analysis, simulation, crop and soil modeling, environmental effects on crop growth and yield and computer applications in agriculture.

TEACHING:

- ABE 5646 - Simulation of Agricultural and Biological Systems
- ABE 6933/AGR 6932 Computer Simulation of Crop Growth and Management Responses

RESEARCH:

- Measuring and assessing soil carbon sequestration by agricultural systems in developing countries
- Climate Information System for Agriculture and Water Resource Management in the SE USA
- Carbon from Communities: A Satellite View
- Improved Estimation of Evapotranspiration and Recharge from a Dynamic SVAT Model through Assimilation of Microwave Brightness

OTHER PROFESSIONAL ACTIVITIES:

- American Society of Agricultural & Biological Engineers
- American Society of Agronomy
- Crop Science Society of America
- Phi Kappa Phi
- Tau Beta Pi
- Alpha Epsilon
- Gamma Sigma Delta

For more information visit Dr. Jones home page at:

http://csml.ifas.ufl.edu/index_jjones.html