UF/IFAS TROPICAL RESEARCH & EDUCATION CENTER

Balancing Crop Production and Ecosystem Restoration in South Florida

Abstract: South Florida agriculture occupies an environmentally sensitive area adjacent to the Everglades, Big Cypress National Preserve, Biscayne Bay, Florida Bay, and Indian tribe reservations. Economically profitable and environmentally compatible agricultural practices must be developed and implemented to meet the needs of the agricultural industry and to protect these very fragile natural ecosystems. Dr. Yuncong Li, Professor of Soil and Water Quality in the Department of Soil and Water Sciences at the Tropical Research and Education Center (TREC), Institute of Food and Agricultural Sciences (IFAS), University of Florida (UF) in Homestead, FL will present his research and extension program on developing management practices to improve soil and water quality, as well as evaluating nutrient cycling in agricultural and natural ecosystems to understand impacts of agriculture on south Florida ecosystem.

Dr. Yuncong Li is the Professor of Soil and Water Quality in the Department of Soil and Water Sciences (DSWS) at the Tropical Research and Education Center (TREC), Institute of Food and Agricultural Sciences (IFAS), University of Florida (UF) in Homestead, FL. He was born and raised in Shandong, China, and came to the U.S. in 1987. He received his B.S. (1982) in Soil Science and Agricultural Chemistry from Shandong Agricultural University, China, an M.S. (1990) in Agronomy (Soil Chemistry) from University of Georgia, and a Ph.D. (1993) in Environmental Science from University of Maryland. He has received many awards and distinctions including Fellow (American Society of Agronomy and Soil Science Society of America); Kingenta Agricultural Science Award (American Society of Agronomy), Senior Faculty Award (Gamma Sigma Delta, the honor society of agriculture); Junior Faculty Research Award (Sigma Xi, The International Honor Society of Science and Engineering); Distinguished Extension Award (Extension Association of Florida); International Educator of the Year (UF, IFAS); Distinguished Career Award (Association of Chinese Soil & Plant Scientists in North America); Research Foundation Professorship Award (UF); Term Professorship Award (UF), and the Most Publications Faculty Award (UF/TREC). His research and extension program focus on management practices to improve nutrient use efficiency, nutrient cycling in soils/sediments, as well as monitoring, assessment and remediation of soil and water quality. He has authored and co-authored 340 research papers, including 271 refereed journal publications, 118 extension articles, and 15 book chapters. He edited two books, Water Quality Concepts, Sampling, and Analyses and Handbook of Soil Sciences. He served as an associate editor for Critical Reviews in Environmental Science and Technology and Communications in Soil Science and Plant Analysis. He was a co-instructor for the graduate course entitled “Communicating in Academia.”

3:00 p.m. Friday, November 6th, 2020
Zoom Meeting:
https://fiu.zoom.us/j/95135104846
This event is free and open to the public

Featuring: Dr Yungcong Li
Professor Soil and Water Quality
Tropical Research and Education Center, IFAS, University of Florida.

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