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Research Areas

- Availability of water for natural and agricultural ecosystems and feedbacks .
- Transport processes in (natural) porous media.
- Density driven flow in (natural) porous media.
- Regional and watershed hydrology and mass transport.
- Dynamic of water content in rhizosphere.



Soil and Water management for Increasing Efficiency of Maize Production in Paddy Soil.



Effects of Soil Conditioner on Growth and Yield of Rice in Acid Sulfate Soil as well as Improving Soil pH and Availability of K ,Ca ,Mg and Si in Soil Solutions.



A study of Fruit Biochar Fortified Using as a Seeding Media and Soil Amendment for Asparagus Production.



An Automated Microlysimeter Design for Soil Evaporation Monitoring.

Publication

W. Rattanapichai, Bill Mace, Markus Tuller and Scott B. Jones (2011, Oct.) An Automated Microlysimeter for Long-Term Monitoring of Soil Evaporation. Poster session presented at the ASA, CSSA and SSSA Annual Meeting , San Antonio, TX .

K. Rumana, Wutthida Rattanapichai, Scott B. Jones, Bill Mace and Markus Tuller 2012, Oct.) An Automated Microlysimeter for Long-Term Monitoring of Soil Evaporation. Poster session presented at the ASA, CSSA and SSSA Annual Meeting , Cincinnati, OH .

