

PROCEEDINGS OF SPIE

Remote Sensing for Agriculture, Ecosystems, and Hydrology X

**Christopher M. U. Neale
Manfred Owe
Guido D'Urso**
Editors

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Introduction

This proceedings volume contains papers presented during the conference on Remote Sensing for Agriculture, Ecosystems, and Hydrology X. The conference was part of the 15th International Symposium on Remote Sensing sponsored by SPIE Europe. The symposium was held at the University of Wales Institute in Cardiff, Wales, 15 through 18 September 2008.

The conference is dedicated to providing rapid dissemination of scientific and technical information, and attracted scientists and professionals from throughout Europe, Africa, Asia, and the Americas. More than 40 oral and poster presentations were given, covering a broad range of topics in the field of remote sensing applications in environmental science.

The program was organized according to major themes, with sessions on Agriculture: Canopy and Crop Yield Monitoring and Applications such as Monitoring Land Use Change; Ecosystems: Wetland and Lake Habitat Monitoring, Natural Vegetation Monitoring; Hydrology: Soil Moisture, Hydrology and Climate Applications, Evapotranspiration, and Energy Balance Estimation using Remote Sensing. The poster presentations also had good representation from the three major themes. The presentations described both fundamental and applications-based research activities from modeling, to laboratory and field experiments, to operational applications.

We extend our thanks to the presenters for their efforts and to the participants for their insightful questions and discussions. Special thanks are also due to the host city for the excellent venue and to the SPIE organizational staff for their support prior to, during, and after the symposium. We look forward to an even more successful and exciting conference in 2009.

Christopher M. U. Neale
Manfred Owe
Guido D'Urso

