

WHAT: Special Seminar of Dr. Kiyoshi Honda, Chubu University, Japan

WHEN: July 27, 2016; 11am-12nn

WHERE: Biosystems and Agricultural Engineering, Rm. A208

Seminar Title:

Interoperable Sensor Web Service for Agricultural Applications

Abstract:

Agricultural environmental data sensed by sensor systems are important for crop monitoring as well as modeling in calibration, validation, updating processes. We have been developing a sensor web based on Open Geospatial Consortium (OGC) standard to secure the interoperability so that user applications can find, query and obtain sensor platforms, observed properties, and observed data. Recently we proposed a naming rule on observed properties in order to improve semantics of sensor webs. The rule has been announced as a guideline by the government of Japan. We will demonstrate how we manage heterogeneous field sensor platforms, then smoothly provide data to applications via Sensor Observation Service (SOS).

About the Speaker:



Kiyoshi HONDA, Professor, Int'l Digital Earth Applied Science Research Center (IDEAS), Chubu Institute for Advanced Studies, Chubu University, Kasugai, Aichi, Japan.

<http://www.chubu.ac.jp/english/faculty/profile/36656cf9e15abd7ca23f1032e5bc395297a1b80b.html>

<http://www.rsgis.ait.ac.th/~honda/>