

Sensing the World Wide Web

April 15 2009

CSIRO scientists will lead an international initiative to develop standards for sharing information collected by sensors and sensor networks over the Internet.

Dr Kerry Taylor and Amit Parashar of CSIRO's ICT Centre are to co-chair the World Wide Web Consortium's (W3C) Semantic [Sensor Network](#) incubator group.

The incubator group is developing an ontology for different types of sensing devices, and a new standard to enable [sensors](#) to interact using the Web, in the W3C's XML format.

"Together, they will smooth the way for large scale interoperation of sensors and sensor networks-an important step in enabling a world wide web of environmental sensors," Dr Taylor said.

"This will be especially important to environmental scientists working on problems in biodiversity, water, and climate change."

CSIRO co-chairs the incubator group with Wright State University and the Open Geospatial Consortium Inc.

The W3C is an international body responsible for developing global [web](#) standards. It develops specifications, guidelines, software and web-based tools.

Source: CSIRO ([news](#) : [web](#))

Citation: Sensoring the World Wide Web (2009, April 15) retrieved 19 April 2024 from <https://phys.org/news/2009-04-sensoring-world-wide-web.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.