

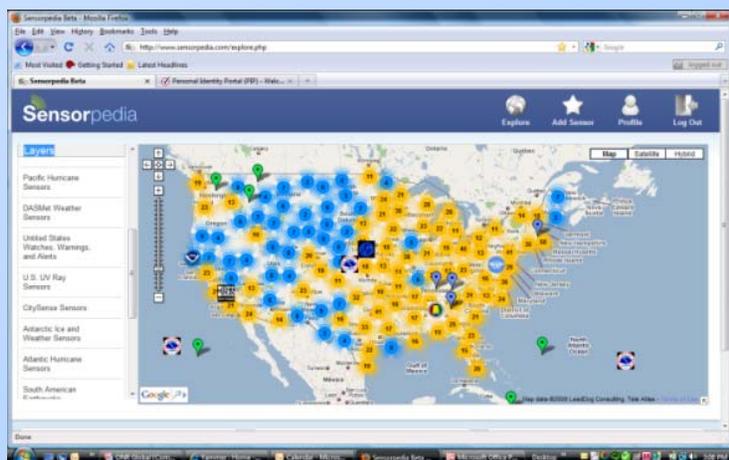
Sensorpedia – The Wikipedia™ for Sensors

Data Systems Sciences & Engineering Group

Computational Sciences & Engineering Division



<http://www.sensorpedia.com>



- **Problem Statement:**
 - There are no “plug-and-play” industry standards for interfacing sensor data to enterprise applications
- **Technical Approach:**
 - ORNL has applied Web 2.0 social networking and social media technologies for sharing sensor data.
 - Uses key identity management and credentialing standards to facilitate an information sharing environment for sensor networks
 - Data owner controls publishing and subscribing
- **Benefit:**
 - Through Sensorpedia, enterprise applications and users gain access to disparate sensor networks.
 - Explores how volunteered sensor data is being used and shared
- **Technology Readiness Level 4**

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