

**Ad Hoc Strategic Coordination Committee  
on Information and data (SCCID)  
Committee Member, 2009–2012**



**Peter Fox**

Peter Fox is Tetherless World Constellation Chair and Professor of Earth and Environmental Science at Rensselaer Polytechnic Institute.

Previously, he spent 17 years at the High Altitude Observatory of the National Center for Atmospheric Research as Chief Computational Scientist. Fox's research specializes in the fields of solar and solar-terrestrial physics, computational and computer science, information technology, and grid-enabled, distributed semantic data frameworks. This research utilizes state-of-the-art modelling techniques, internet-based technologies, including the semantic web, and applies them to large-scale distributed scientific repositories addressing the full life-cycle of data and information within specific science and engineering disciplines as well as among disciplines. Fox is currently PI for the Virtual Solar-Terrestrial Observatory, the Semantically-Enabled Scientific Data Integration, and the Semantic Provenance Capture in Data Ingest Systems projects. Fox has spent over

23 years bridging science and distributed data and information systems to support community activities utilizing use case driven design. Fox leads working groups for: Virtual Observatories for the Electronic Geophysical Year, semantic web for NASA technology infusion as well as the Earth Science Information Partnership federation, is chair of the International Union of Geodesy and Geophysics Union Commission on Data and Information and the AGU Special Focus Group on Earth and Space Science Informatics, is an associate editor for the Earth Science Informatics journal, is a member of the editorial board for Computers in Geosciences and lead editor for the AGU monograph Virtual Observatories in Geosciences. Fox serves on the International Council for Science's Strategic Coordinating Committee for Information and Data. Fox also currently serves as President for the not-for-profit Open source Project for a Network Data Access Protocol (OPeNDAP).