

## OFWIM Data Standards and Technology Trends Committee Resource Library

Organization	Mission/Goal	Contact Information
<p>American National Standards Institute (ANSI)</p>	<p>As the voice of the U.S. standards and conformity assessment system, the American National Standards Institute (ANSI) empowers its members and constituents to strengthen the U.S. marketplace position in the global economy while helping to assure the safety and health of consumers and the protection of the environment.</p> <p>The Institute oversees the creation, promulgation and use of thousands of norms and guidelines that directly impact businesses in nearly every sector: from acoustical devices to construction equipment, from dairy and livestock production to energy distribution, and many more. ANSI is also actively engaged in accreditation - assessing the competence of organizations determining conformance to standards.</p> <p>Mission</p> <p>To enhance both the global competitiveness of U.S. business and the U.S. quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems, and safeguarding their integrity.</p>	<p><a href="http://ansi.org/">http://ansi.org/</a></p>
<p>International Organization for Standardization (ISO)</p>	<p>ISO (International Organization for Standardization) is an independent, non-governmental membership organization and the world's largest developer of voluntary International Standards.</p>	<p><a href="http://www.iso.org/iso/home.html">http://www.iso.org/iso/home.html</a></p>
<p>Biodiversity Information Standards (Taxonomic Databases Working Group):</p>	<p>Biodiversity Information Standards (TDWG), also known as the Taxonomic Databases Working Group, is a not for profit scientific and educational association that is affiliated with the International Union of Biological Sciences.</p> <p>TDWG was formed to establish international collaboration among</p>	<p><a href="http://www.tdwg.org/about-tdwg/">http://www.tdwg.org/about-tdwg/</a> <a href="http://www.tdwg.org/standards/">http://www.tdwg.org/standards/</a></p>

Organization	Mission/Goal	Contact Information
	<p>biological database projects. TDWG promoted the wider and more effective dissemination of information about the World's heritage of biological organisms for the benefit of the world at large. Biodiversity Information Standards (TDWG) now focuses on the development of standards for the exchange of biological/biodiversity data.</p> <p>Mission</p> <ol style="list-style-type: none"> <li>1. Develop, adopt and promote standards and guidelines for the recording and exchange of data about organisms</li> <li>2. Promote the use of standards through the most appropriate and effective means and</li> <li>3. Act as a forum for discussion through holding meetings and through publications</li> </ol>	
Penn State – some of the data from defunct NBII here		<a href="http://www.datacommons.psu.edu/">http://www.datacommons.psu.edu/</a> <a href="http://www.datacommons.psu.edu/share.html">http://www.datacommons.psu.edu/share.html</a>
Federal Geographic Data Committee (FGDC)	<p>The Federal Geographic Data Committee (FGDC) is an interagency committee that promotes the coordinated development, use, sharing, and dissemination of geospatial data on a national basis. This nationwide data publishing effort is known as the National Spatial Data Infrastructure (NSDI). The NSDI is a physical, organizational, and virtual network designed to enable the development and sharing of this nation's digital geographic information resources. FGDC activities are administered through the FGDC Secretariat, hosted by the U.S. Geological Survey.</p> <p>The Office of Management and Budget (OMB) established the FGDC in 1990 and rechartered the committee in its August 2002 revision of Circular A-16, "Coordination of Geographic Information and Related Spatial Data Activities." The FGDC is a 32 member interagency committee composed of representatives from the Executive Office of the President, and Cabinet level and independent Federal agencies. The Secretary of the Department of the Interior chairs the FGDC, with the Deputy Director for Management,</p>	<a href="http://www.fgdc.gov/">http://www.fgdc.gov/</a>

Organization	Mission/Goal	Contact Information
	Office of Management and Budget (OMB) as Vice-Chair. Numerous stakeholder organizations participate in FGDC activities representing the interests of state and local government, industry, and professional organizations. Learn more about the organization of the FGDC.	
Data Observation Network for Earth (DataONE)	Data Observation Network for Earth (DataONE) is the foundation of new innovative environmental science through a distributed framework and sustainable cyberinfrastructure that meets the needs of science and society for open, persistent, robust, and secure access to well-described and easily discovered Earth observational data. The dataONE Best Practices database provides individuals with recommendations on how to effectively work with their data through all stages of the data life cycle. <a href="http://www.dataone.org/all-best-practices">www.dataone.org/all-best-practices</a>	<a href="http://www.dataone.org">www.dataone.org</a>
DataBasin	A better solution: As environmental conservation problems become more serious and the demand to solve them grows more urgent, it is critical that science, practice, policy, and people are integrated in stronger ways. A team of scientists, software engineers, and educators at the Conservation Biology Institute (CBI) built DataBasin with the strong conviction that we can expand our individual and collective ability to develop sustainable solutions by empowering more people through access to spatial data, non-technical tools, and collaborative networks. Free and open access: The core of Data Basin is free and provides open access to thousands of scientifically-grounded, biological, physical, and socio-economic datasets. This user-friendly platform enables people with varying levels of technical expertise to: <ul style="list-style-type: none"> <li>• Explore and organize data &amp; information</li> <li>• Create custom visualizations, drawings, &amp; analyses</li> <li>• Utilize collaborative tools in groups</li> <li>• Publish datasets, maps, &amp; galleries</li> <li>• Develop decision-support and custom tools</li> </ul>	<a href="http://databasin.org/">http://databasin.org/</a>

Organization	Mission/Goal	Contact Information
	<p>A broad audience: Data Basin supports researchers, natural resource managers, advocates, teachers, students, and members of the engaged public. Members create and participate in working groups where they can visualize, draw, comment, and discuss relevant topics or geographies. Data Basin breaks down barriers to collaboration and negotiation for users affiliated with universities, non-profits, tribes, companies, and local, state, federal, and national governments.</p> <p>Here to help you: The Data Basin team is available to answer questions and provide member support. CBI also offers a range of consulting services for individuals, groups, and organizations who want to take full advantage of Data Basin’s mapping, analytical, and collaboration tools.</p>	
Vision Solutions	<p>Vision Solutions is the premier provider of IT software solutions designed to protect data and minimize downtime for the modern data center. We are the only company to deliver migrations, high availability, disaster recovery, and data sharing – across multiple operating systems, on any storage platform and in any combination of physical, virtual, or cloud-based servers. As a single source solution for virtually any hybrid IT environment, we provide our customers, channel partners, and cloud service providers with a competitive edge.</p>	<a href="http://www.visionsolutions.com/home">http://www.visionsolutions.com/home</a>
Sunlight Foundation	<p>The Sunlight Foundation is a national, nonpartisan, nonprofit organization that uses the tools of civic tech, open data, policy analysis and journalism to make our government and politics more accountable and transparent to all. Our vision is to use technology to enable more complete, equitable and effective democratic participation. Our overarching goal is to achieve changes in the law to require real-time, online transparency for all government information, with a special focus on the political money flow and who tries to influence government and how government responds. And, while our work began in 2006 with only a focus on the U.S. Congress, our open government work now takes place at the local, state, federal and international levels.</p>	<a href="http://sunlightfoundation.com">http://sunlightfoundation.com</a>

<b>Organization</b>	<b>Mission/Goal</b>	<b>Contact Information</b>
U.S. Fish and Wildlife Service	for classification systems, common data elements, data layers, and procedures	<a href="http://www.fws.gov/stand/">http://www.fws.gov/stand/</a>
U.S. Board on Geographic Names	for domestic, foreign, Antarctic, and undersea feature names	<a href="http://geonames.usgs.gov/index.html">http://geonames.usgs.gov/index.html</a>
Integrated Taxonomic Information System (ITIS)	taxonomic nomenclature standards	<a href="http://www.itis.gov/">http://www.itis.gov/</a>
U.S. Postal Service	for address standards	<a href="http://pe.usps.gov/cpim/ftp/pubs/Pub28/pub28.pdf">http://pe.usps.gov/cpim/ftp/pubs/Pub28/pub28.pdf</a>
U.S. Environmental Protection Agency, Office of Environmental Information Data Standards Branch	for water quality data standards	<a href="http://iaspub.epa.gov/sor_internet/registry/datastds/home/overview/home.do">http://iaspub.epa.gov/sor_internet/registry/datastds/home/overview/home.do</a>
Landscape Conservation Cooperatives	The 22 LCCs collectively form a network of resource managers and scientists who share a common need for scientific information and interest in conservation. Each LCC brings together federal, state, and local governments along with Tribes and First Nations, non-governmental organizations, universities, and interested public and private organizations. Our partners work collaboratively to identify best practices, connect efforts, identify science gaps, and avoid duplication through conservation planning and design.	<a href="http://lccnetwork.org/">http://lccnetwork.org/</a>