



Contribution ID: 158

Type: **Workshop**

Web GIS and Emerging Patterns for SDI Collaboratives

At all levels of government, and including private, not-for-profit, and education sectors, SDI Collaboratives are where organizations come together to address our most significant societal and environmental challenges. These challenges are as varied as growing green economies, sustainable development goals, improving quality of life, and protecting people during public health emergencies like Covid-19.

Spatial Data Infrastructures (SDIs) are rapidly evolving. Together, the internet and cloud computing are transforming the way organizations manage data and collaborate. Web GIS is significantly easier to use, deploy, and integrate into an SDI ecosystem than traditional systems.

In our increasingly interconnected world, geospatial data and location intelligence are crucial to seeing what others can't. In this workshop, we will see how open, secure, interoperable, and scalable platforms improve the collaboration, sharing, and use aspects of Spatial Data Infrastructures. We will explore examples around the world of organizations and governments who are creating a collective, interconnected "system of systems" across the web that can dynamically access and integrate information.

Motivated by INSPIRE's participatory framework, SDIs are now pervasive across European governments and many sectors. INSPIRE is a national and regional system of systems network with enormous potential for developers, SMEs, researchers, stakeholders, and citizens to make better decisions enabled by data. Together, we will explore Web GIS patterns that leverage the INSPIRE community's work on Alternative Encoding and help to amplify its use.

During this workshop, we will use ArcGIS Online and ArcGIS Hub to demonstrate emerging patterns that help organizations use SDI data and increase community engagement.

Sub-category

2.4 Commercial and Open Source GIS technology

IJSDIR

No, I will not submit an article to IJSDIR

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Track Classification: 2: Digital solutions