The Spatial Data Standards for Facilities, Infrastructure, and Environment Online (SDSFIE Online) Web Site

http://www.sdsfieonline.org

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Agenda

• Overview of SDSFIE Online
• SDSFIE-Vector Tools & Workflows
• SDSFIE-Metadata Tools & Workflows
• Significant Updates
Overview of SDSFIE Online

• SDSFIE is a family of standards that are managed by the Installation Geospatial Information & Services (IGI&S) Governance Group (IGG)

• **SDSFIE Online** provides implementation support to the SDSFIE user community

• Definition in the SDSFIE Governance Plan: SDSFIE Online is a web-centric interface that enables users to
  – Access documentation, standards
  – Participate in development/maturation of SDSFIE
  – Utilize implementation tools

  …that support the goals of the SDSFIE family of standards.
New Content

• SDSFIE Overview
  – An overview of the entire SDSFIE family of standards

• Governance
  – A description of the IGI&S Governance Group (IGG) and working groups and the Governance Plan

• Configuration Management
  – A description of the configuration management aspect of governance and the Change Management Process

• Vector, Raster, Metadata, Quality*, Services*, Portrayal*
  – A description of the SDSFIE parts including an overview, specifications (if applicable), implementation guidance (if applicable), and any related tools and workflows

• Endorsed Standards*
  – A listing of standards endorsed by the IGG for IGI&S use

* - indicates a To-Be section populated as the IGG approves content
SDSFIE-V Tools & Workflows

- **Browse/Generate**
  - Browse one approved or draft model at a time
  - Generate physical (Excel) and logical (XML Workspace) models

- **Data Dictionary**
  - Search for keywords across all approved SDSFIE-V Models

- **Model Builder**
  - Build a new model by adapting an existing approved model
  - Import a model defined as an adaptation using an Excel template
  - Create a model via import of an XML Workspace document

- **Validation Tool**
  - Validate an XML Workspace document against an approved model
  - Describes differences between two models

- **Migration Tool (under construction)**
  - Migrate a geodatabase from one version of SDSIFE-V to another

- **Adaptation Reviewer (under construction)**
  - A reviewer-specific addition to Model Builder that provides for review/approval of submitted adaptations
SDSFIE-M Tools & Workflows

• SDSFIE-M Metadata Style for ArcGIS
  – A metadata style for ArcGIS that uses the Esri Metadata Toolkit so that users can edit and export SDSFIE-M metadata
  – Currently 1.0.2 release is available
  – This is NOT a web workflow, but a downloadable Metadata Style

• SDSFIE-M Implementation Specification to Project Open Data metadata v1.1 Converter (SMIS2POD)
  – An XSL transformation for creating POD v1.1 metadata from an SMIS 1.0.2 metadata document
  – Also available is a web service that does the above for:
    o A single metadata document
    o A zipped collection of metadata documents
Recent, Significant SDSFIE Online Updates

- Entire site migrated to Sencha 6, .NET MVC 5, Identity 2.0
  - Many drivers including improved maintenance, security, and functionality
- All SDSFIE-V Tools and Workflows are now broken out as separate tabs or windows and are resizable!!
- A lot of new content added including information about all members of the SDSFIE family, most notably SDSFIE-V and –M
- Added the Validation Workflow
- Improved the XML Workspace Import functionality (used by the Model Builder, Validation Workflow
- Improved Browse/Generate
- Improved Model Builder
- Created and posted user guides and training videos
- Improved performance!
Questions?