



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

**<http://www.sdsfieonline.org>**

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June 29, 2016



# Agenda

Acquisition, Technology and Logistics

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



# Overview of SDSFIE Online

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- 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

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- 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

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- 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

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- 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

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- 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!



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**Questions?**