Why, How and What of the EPA Metadata Editor 5.0

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Agenda

• Introduction
• EME 5.0
• Why develop an updated metadata editor?
• Development process and challenges
• Current State
• Important URLs
Introduction
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EME 5.0 – Key Features
EME 5.0 – Why?

• Take advantage of aspects of ISO that improve discoverability and reduce clutter in our catalog
• Make it easier to comply with Project Open Data
• Bake in best practices to try to improve quality
• Workflow improvements in ArcGIS tools
• Developing a standalone ISO metadata editor is HARD!!
Development Process

• Agile development
  – User centric

• Began with updating EPA’s Metadata Technical Specification
Development Challenges

- ESRI bug - validation message doesn’t link you to element
- Confusion around managing contact details
- Encouraging completion of data quality elements
- Keyword tagging
- Integrating best practices into the tool
Development Challenges

EME 5.0 Help:

• The icon next to a field name links directly to that field’s detailed guidance in the EPA Geospatial Metadata Style Guide using EME 5.
Current State

• Released the tool in early April
• Gave a training on May 9th to about 60 staff and contractors from EPA
• Additional trainings planned
• Feedback survey planned
• Backlog of enhancements and fixes
• Wondering what the future holds!
  – ESRI’s roadmap for customizable metadata editors in ArcGIS Pro and ArcGIS Online
EME v5.0: Important URLs

EPA Technical Specification –
  • [https://www.epa.gov/geospatial/epa-metadata-technical-specification](https://www.epa.gov/geospatial/epa-metadata-technical-specification)

Download EME 5.0 –

EME 5.0 Fact Sheet –
  • [https://edg.epa.gov/data/Public/OEI/EMEv5Files/EME5_FactSheet_20170306.pdf](https://edg.epa.gov/data/Public/OEI/EMEv5Files/EME5_FactSheet_20170306.pdf)

EME 5.0 Installation Guide –

EME 5.0 Metadata Style Guide -
Contact Information

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