

This Interstate Technology and Regulatory Council (ITRC) online documentation includes Fact Sheets, Subtopic Sheets, Checklists, Case Studies, Interactive Tools, and Supporting Documents prepared by the Environmental Data Management Best Practices (EDMBP) Team. Links within the online document help the reader locate interrelated topics. The web-based nature of this document lends itself to updating key information in this continually evolving subject.

The documents are designed specifically for state, tribal and federal environmental staff, as well as others (including stakeholders, project managers, and decision makers), to gain a working knowledge of best practices for environmental data management (EDM). The document was developed by a team of over 400 environmental practitioners drawn from state and federal government, academia, industry, environmental consulting, and public interest groups.

Lists of acronyms, glossary terms, and references cited in these materials are also available on this website.

Interactive Directory of Environmental Data Management Best Practices Team Work Products

The Interactive Directory below presents the relationship between work products prepared by the EDMBP team.

User Instructions for Interactive Directory: Click on the individual buttons within the graphical interactive directory to navigate to each work product shown in this interactive directory.

Environmental Data Management Best Practices

Introduction Overview of Guidance Documents

Data Management Planning

Overview

Subtopic Areas



Data Access, Sharing, and Security Data Storage, Documentation, and Discovery

Data Disaster Recovery

Data Quality

Overview

Subtopic Areas

Using Data Quality Dimensions to Assess and Manage Data Quality

Considerations for Choosing an Analytical Laboratory

Analytical Data Quality Review: Verification, Validation, and Usability

Tutorial

Tutorial: Active Quality Control During Screening-level Assessments

Supplemental Resources

Data Quality Planning

Data Quality Review

Environmental Data Management Systems

White Paper

Field Data Collection

Overview

Defining Data Categories and Collection Methods Field Data Collection Quality
Assurance and Quality
Control (QA/QC)

Field Data Collection Process Development Considerations Field Data Collection
Training Best Practices

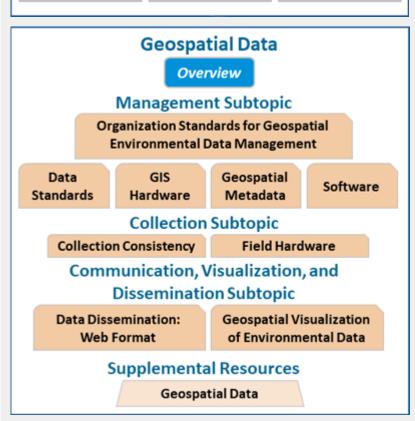
Interactive Tool: Field
Data Collection
Decision Tree

Field Data Collection Training Development Checklist

Other Considerations for Field Data Collection

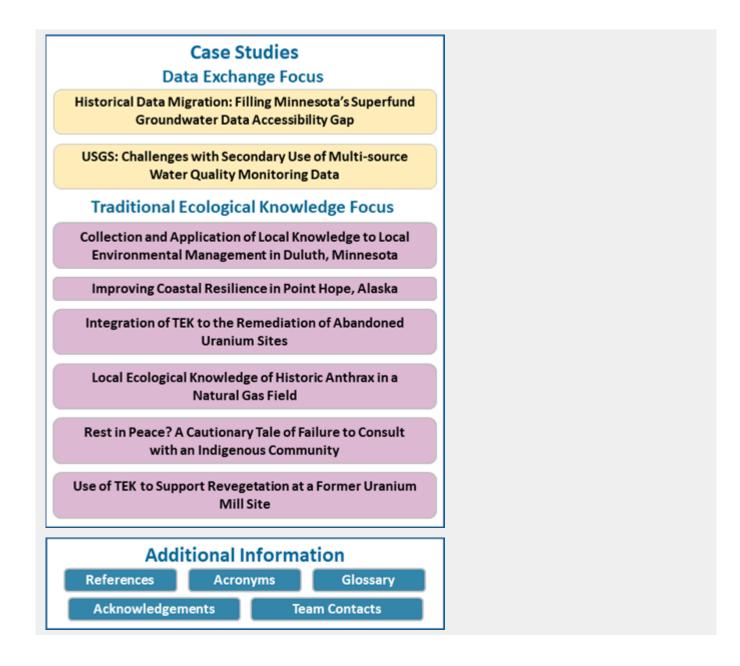
Valid Values Electronic Data Deliverables and Data Exchange Supplemental Resources Data Exchange and Valid Values

Traditional Ecological Knowledge (TEK) Overview Subtopic Areas Acquiring TEK Using and Consuming TEK Managing TEK Data



Public Communications and Stakeholder Engagement White Paper Supplemental Resources

Public Communications



Environmental Data Management Training

Environmental Data Management Best Practices Roundtables

The EDMBP Team developed three Roundtable training sessions to support the Guidance Document and case studies. These training sessions are complimentary to the guidance materials but cover different self-contained subjects.

- Data Management: Real Life Application of Data Management Planning and Field Data Collection Best Practices
- Data Exchange: Best Practices for Exchanging Environmental Data
- Data Quality: Best Practices for Achieving and Maintaining Quality within Environmental Data Management

Environmental Data Management Best Practices Overview Video

ITRC's Environmental Data Management Best Practices (EDMBP) Team developed an overview video detailing these guidance materials and clarifying how to best navigate this website.

Traditional Ecological Knowledge Podcast

The EDMBP Traditional Ecological Knowledge (TEK) Subgroup has published a full-length podcast introducing and

contextualizing this key type of ecological knowledge.

 ${\sf ITRC} \cdot {\sf Traditional} \ {\sf Ecological} \ {\sf Knowledge}$

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