

The Public Communications and Stakeholder Engagement subgroup of ITRC's Environmental Data Management Best Practices team prepared a comprehensive white paper.

**Instructions:** Click on the White Paper button within the graphical interactive directory to navigate to this work product.

## Environmental Data Management Systems

*White Paper*

The work product prepared by this subgroup is supported by work products that were prepared by other subgroups within the Environmental Data Management Best Practices team. In the Interactive Directory below, work products that pertain to Public Communications and Stakeholder Engagement, whether prepared by this subgroup or a different subgroup, are highlighted to illustrate cross connections between subgroup areas.

**Instructions:** Click on a highlighted button within the graphical interactive directory to navigate to a work product on that topic.

## Data Management Planning

*Overview*

### Subtopic Areas

Data  
Governance

Data  
Lifecycle

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

## Data Exchange

*Overview*

Valid  
Values

Electronic Data  
Deliverables and  
Data Exchange

Data Migration  
Best Practices

### Supplemental Resources

Data Exchange and Valid Values

## Traditional Ecological Knowledge (TEK)

*Overview*

### Subtopic Areas

Acquiring  
TEK

Using and  
Consuming TEK

Managing  
TEK Data

## Geospatial Data

*Overview*

### Management Subtopic

Organization Standards for Geospatial  
Environmental Data Management

Data  
Standards

GIS  
Hardware

Geospatial  
Metadata

Software

### Collection Subtopic

Collection Consistency

Field Hardware

### Communication, Visualization, and Dissemination Subtopic

Data Dissemination:  
Web Format

Geospatial Visualization  
of Environmental Data

### Supplemental Resources

Geospatial Data

## Public Communications and Stakeholder Engagement

*White Paper*

### Supplemental Resources

Public Communications

## Case Studies

### Data Exchange Focus

Historical Data Migration: Filling Minnesota's Superfund Groundwater Data Accessibility Gap

USGS: Challenges with Secondary Use of Multi -source Water Quality Monitoring Data

### Traditional Ecological Knowledge Focus

Collection and Application of Local Knowledge to Local Environmental Management in Duluth, Minnesota

Improving Coastal Resilience in Point Hope, Alaska

Integration of TEK to the Remediation of Abandoned Uranium Sites

Local Ecological Knowledge of Historic Anthrax in a Natural Gas Field

Rest in Peace? A Cautionary Tale of Failure to Consult with an Indigenous Community

Use of TEK to Support Revegetation at a Former Uranium Mill Site

### Additional Information

References

Acronyms

Glossary

Acknowledgements

Team Contacts

The acronyms, glossary terms, and references cited in these materials are also available on Environmental Data Management Best Practices website.

Return to the complete Interactive Directory of Environmental Data Management Best Practices Team Work Products.