

GOAL:

The NSDI Training-Education Team is responsible for the development implementation of FGDC programs: Standards, Metadata, Framework, Clearinghouse, Portal, etc. through training and education development and partnership. Implementation of FGDC programs throughout the geospatial community supports data interoperability. Effective implementation relies on a distributed regional network of partnered training and information resources. Partnership with the geospatial community creates the inroads necessary to FGDC standards and NSDI program implementation. Actions for this team presently include:

PRODUCTS

Each program hosts multi-level training curriculum and core training materials. Regionally distributed workshops that follow FGDC program curriculum.

RESULTS

Establish a grant category within NSDI CAP program to support development of FGDC program training materials and support of distributed network of NSDI trainers. Implementation of the "train-the-trainer" model for training and education delivery for each FGDC program

- Distributed network of NSDI trainers knowledgeable within one or more program areas.

- Establish FGDC training plans for state, local, and tribal governments to support the NSDI.

- Implementation strategy to integrate FGDC standards and national initiatives into GIS and data management courses and training and GIS certificate programs.

- Incorporation of FGDC standards and national initiatives in professional organization's continuing education programs.

TEAMS: This is a research and action team.

- Core team members recruit comments and recommendations from the Program Leads.

- Core and Program Leads are experts in their respective program area. Their expertise drives the development of recommended curriculum for their respective program. Program Leads may act alone in this regard.

- Each Core, Program Lead, and Materials Development and Training Team are responsible for implementing the recommended FGDC curriculum.

Advisory Team

Core:

- Sharon Shin, chair

- Lynda Wayne, NSDI Implementation Liaison

- Bonnie Gallahan, Tribal Liaison

Role

- Charter review and comment

- Provide assistance to programmatic leads to develop multi-level curriculum.

- Chair convenes and leads meetings.

- Recruits agency participants

Program Leads

Sharon Shin and Lynda Wayne, Metadata
Julie Binder-Maitra, Standards
Milo Robinson, Framework
Doug Nebert, Clearinghouse/Portal
Leslie Wollack/Robert Dollison, Geospatial One Stop (invited)
David Painter, CAP
NSGIC Liaison

Role

Each programmatic lead guides development of multi-tiered curriculum.

Participates in development of:

Training plan for federal, state, local, and tribal governments,
Strategy to incorporate FGDC standards training and education in
professional continuing education and academic and certificate
curriculum.

Implementation of train-the-trainer model for training and education
delivery.

Target grant opportunities for training and education.

Reviews all materials prior to posting to web and distribution.

Targets training and education opportunities

Participates in train-the-trainer workshops

Recruits potential trainers building the distributed trainer network.

Contributes budget content supporting team initiatives

Materials Development and Distributed training network team (recommended contacts
and distributed training network).

Federal agencies with GIS training opportunities (list is not inclusive)

Interior:

USGS- USGS Enterprise Team

NPS- Joe Greggson, Lesley Armstrong, Theresa Ely

Fish and Wildlife Service, NCTC, Deb Green

BLM-

BIA, Richard Moore (tentative)

BOR, Mike Puchirelli

Agriculture:

NRCS- Larry Davis, Shirley Hall

Forest Service- Betsy Kanalley,

DOD

US Air Force –Peterson/Scriber Air Force Base Jason Hall

Corps of Engineers- Nancy Blyler

Commerce:

NOAA-CSC- Mike Moeller and David Stein

NOAA-OS- Kim Owens

Census- April Anaym

Center for Disease Control- Ken Long, Dabo Brantley

EPA

HUD

Department of Homeland Security

FEMA

DOJ

State level- List is not inclusive. Those listed have a history of intensive metadata training

NSGIC

Louisiana Geographic Information Center

Land Management Information Center (Minnesota)- Chris Cialek

North Carolina, Zsolt Nagy

Pennsylvania Spatial Data Access

Tennessee Geographic Information Council

Academic interests

George Mason University, Dr. Sergei Androniko (committed)

CIESIN, Columbia University John Scaldone

University of Wyoming- Jeff Hamerlinck (committed)

University of Idaho- Lily Wai

California State University- San Bernardino, Lisa Pierce

Role

Reviews FGDC recommended curriculum.

Develops and reviews FGDC program training materials.

Agree to implement standards training program following FGDC training guidance within respective agencies and for data partners.

Private

Iconic, Rhoda

LEVEL OF AUTHORITY

Activities and accomplishments are reported to the Training and Education Team Chair. Monthly or quarterly highlights are compiled and reported to Staff Director.

All reports are reviewed by Team Core and Program Leads prior to distribution.

MEMBERSHIP

Membership at Core and Program levels are restricted to FGDC staff.

Materials Development and Distributed training network team is restricted to those Federal agencies with GIS and database management training functions.

State participation is initially limited to those states who have participated in the FGDC CAP grant program and who have demonstrated leadership in metadata training efforts.

Academic participation is limited to those institutions which have expressed interests in metadata training or who have demonstrated leadership in metadata training efforts.

TIME FRAME

Due Date

Advisory team 04

Chair develops charter for review by Advisory Team

9/1/04

Develop draft standardized multi-tiered curriculum

Metadata

9/1/04

Framework, Content, Classification, Clearinghouse

Portal

10/05

Community metadata curriculum review

11/04

Finalize metadata curriculum

12/04

Implement Train the Trainer model of NSDI training	01/05
Metadata: extend model	continuing
Others: establish first implementation	10/05
Develop plan for state coordinators to train county and local and Tribal governments on framework standards and National initiatives (09/04)	12/04
Develop strategy to incorporate framework standards and national initiatives into GIS courses and GIS certificate programs. Initiate Summit	09/04 03/05
Develop action plan to integrate FGDC programs and National initiatives in professional organization's Continuing educations programs	2006
Target grant opportunities for training and education CAP	2004 –
Department of Labor- retraining effort	09/2004

Progress reports due within 2 weeks of period closure.

PERFORMANCE MANAGERS: **Completed with discussions from program leads**

Multi-tiered curriculum established within established timeframe.

RESOURCES AVAILABLE

This team relies heavily on recruiting trainers and organizations from outside the FGDC staff and FGDC Coordination Group. NSGIC is central to winning over state participation. Academic and professional organizations are key to FGDC program curriculum and training implementation.

CHAMPION

ALL program leads are champions for their thematic implementation. Team Chair holds the champion role in regards to developing budget.

LOGISTICS

Training and Education team proposes an all-hands teleconference in October 2004 to discuss the training program. Using Metadata training program, provide guidance in concept of 3 tiered: must know, should know, and could know. One-hour, monthly meetings to be scheduled to track progress, provide guidance, and amend processes for an agreed upon term. Once distributed network is established, then quarterly meetings for program realignment and accomplishment reporting.

All Team members may contribute to the meeting agenda.

Decision-making process: Action/program items may be proposed by any team member. Discussion follows. Decisions are by agreement and consensus.

