



Spatial Metadata and Clearinghouse Training
Provided by the
Center for International Earth Science Information Network (CIESIN)
&
USGS Fort Collins Science Center

3-4 March 2005
Columbia University, Lamont-Doherty Earth Observatory (LDEO)
Palisades, New York

Thursday, 3 March	Topic
9:00 – 9:30	Introductions and logistics: <ul style="list-style-type: none">▪ Introduction of instructors & class▪ Site logistics: breaks, facilities, etc.
9:30 – 10:15	Introduction: What is Metadata? <ul style="list-style-type: none">▪ Metadata in your own words – what does “metadata” mean to you? Metadata in the Real World Existing “metadata” materials/resources in your program Value of Metadata – why bother? Why have metadata standards?
10:15 – 10:45	Establishment of Standards <ul style="list-style-type: none">▪ Introduction to the roles of FGDC and NBII▪ Profiles and Extensions▪ ISO and other metadata standards
10:45 – 11:00	<i>Break</i>
11:00 – 12:00	The FGDC CSDGM Standard and the Biological Data Profile <ul style="list-style-type: none">▪ Overview of the sections▪ Graphical representation▪ Mandatory/mandatory if applicable/optional How do you write good metadata? <ul style="list-style-type: none">▪ Tips & hints for writing good metadata Taking a Closer Look: FGDC Metadata with the Biological Data Profile <ul style="list-style-type: none">▪ Identify sections as Mandatory/mandatory if applicable/optional▪ Focus on areas that are generally problematic: dates, process step and lineage, attribute information (what type of domain?)
12:00 – 1:00	<i>Lunch</i>
1:00 – 2:15	Continue with “Taking a Closer Look”
2:15 – 2:30	<i>Break</i>
2:30 – 4:00	Implementation – Where do you go from here? <ul style="list-style-type: none">▪ Implementation Decisions▪ Funding▪ More Training Tools and Resources <ul style="list-style-type: none">▪ Metadata creation and management tools▪ Metadata validation tools (CNS & MP)▪ Resources on the Web▪ Metadata clearinghouses – sharing and discovery



4:00 – 4:30

Wrap up, questions, next steps, course evaluations

Friday, 4 March

9:00 – 2:00

Topic (*Optional*)

Hands on metadata creation with Metavist