

03HQAG0155  
2004 CAP Category 1: Metadata Implementation Project  
Final Project Report - 6/8/04

Lamoille County Natural Resources Conservation District, Vermont  
109 Professional Drive, Suite 2  
Morrisville, Vermont 05661

lcnature@pwshift.com

Collaborating Organizations:

Organizations collaborating on many of these projects (but not on metadata development) include:

Federal Agencies: Federal Emergency Management Agency (FEMA-Project Impact), US Department of Agriculture Natural Resources Conservation Service, Lake Champlain Basin Project

State Agencies: Department of Environmental Conservation (DEC), VT Department of Fish and Wildlife, VT Agency of Transportation

Community: Lamoille County Planning Commission (LCPC), Lamoille County Natural Resources Conservation District (LCNRCD), Town of Johnson, Central Vermont Public Service (CVPS), Private Landowners

Christina Goodwin  
802.888.9218  
lcnature@pwshift.com

Metadata created:

Each metadata record is quite comprehensive and fully documents the entire project, listing all related data and metadata. Additionally, photo inventories and CAD site plans were scanned and will be served online accompanying the data and metadata.

8 Files

Clearinghouse Service:

All spatial data, photos, and metadata will be served at [www.vcgi.org](http://www.vcgi.org). Metadata be also be served on NBII clearinghouse.

Metadata skilled staff: We have four volunteers who now work to assist us in legacy metadata development. We have taken measures to document our field processes and develop metadata for each project now.

In addition, we have a volunteer who is willing to offer metadata training as we require additional training.

Workshops conducted: 2

Workshop\_participants:

USDA (1)

VT Fish and Wildlife (1)

LCNRCD (2)

Regional Coordination:

Many regional and state employees may develop metadata, however, it doesn't appear to be compliant and they rarely post it to the state clearinghouse. The folks at the state clearinghouse are wonderful to work with, and readily offer metadata assistance. They are quite knowledgeable, and provide a wonderful service for state GIS folks. They have developed some in-depth metadata.

Project Narrative:

Our project went really well. Most of the biologists were willing to answer questions. Unfortunately, they couldn't recall some valuable information, so the metadata consultant had to spend a lot of time researching the projects to acquire the detailed information important to the project. The final results are truly wonderful-8 very detailed metadata records that provide valuable historic and baseline information about the local rivers and biotic life in the rivers.

Next steps include ongoing metadata development for the ongoing projects, and another metadata training class for the new District Manager.

CAP feedback:

It seems that metadata training poses quite a problem in getting people to attend. Our consultant developed a training course specifically designed for field biologists and their managers. It didn't involve actual metadata development, but introduced to these data developers the reasons why metadata development is important. We would suggest making this type of biologic management metadata training more available (1/2 day - full day sessions). At least then these folks can think about collecting the appropriate data and entering information into a word document at the very least. The assistance we received was wonderful-the NBII folks are very helpful and knowledgeable, as well as those over at VCGI.

We had hoped to develop additional metadata records, however, as we dug deeper in to our filing cabinets, we found that we could compile our data and metadata into projects. This worked quite well, as most of our data are interrelated. This enabled us to reference all of our datasets.