Federal Geographic Data Committee  
Final Report, CAP Grant – Category 2  
Metadata Trainer Assistance  

RE: USGS Award # 04HQAG0156  
LSU Account # 169-85-5201  

Principal Investigators:  Craig Johnson, Louisiana Geographic Information Center (LAGIC).  
Robert Broome, NOAA – National Coastal Data Development Center, Stennis Space Center, MS.  

Project Narrative:  The Louisiana Geographic Information Center (LAGIC) , working jointly  
with the National Coastal Data Development Center at Stennis Space Center in Mississippi,  
provided certified metadata training sessions at five locations within the Louisiana and  
Mississippi coastal zone.  LAGIC provided the trainers, the workbooks, and the publicity  
packets to mail to the local offices within this area.  The National Coastal Data Development  
Center supplied suitable training facilities and personnel to assist with the training sessions .  
The metadata that was produced as a direct result of these training sessions has been distributed  
on LAGIC’s data clearinghouse, a node on the NSDI, as well as at NOAA’s NCDDC site.  

LAGIC and NCDDC completed all five scheduled workshops.  The first workshop was held in  
Biloxi, Mississippi at the Mississippi Coast Geospatial Conference in October of 2004.  The  
second in Abbeville, Louisiana at a Sea Grant Extension Office in February.  The third  
workshop was held at the Louisiana Department of Environmental Quality in Baton Rouge,  
Louisiana in May.  Our fourth workshop was held at the NASA Regional Applications Center in  
Lafayette in July and our final workshop was also held in July at the South Central Planning and  
Development Center in Houma, Louisiana.  

Metadata Training and Outreach Assistance:  A total of 46 GIS professionals have been  
introduced to Metadata, LAGIC, NCDDC and the Louisiana Geospatial Data Clearinghouse.  
http://lagic.lsu.edu/datadatalog/ .  The increasing use of geospatial data by Coastal Zone  
Managers for mariculture, land use planning and local socio-economic issues has fueled the need  
for geospatial data and metadata training.  We devised a training curriculum that was specifically  
tailored for Coastal Zone Managers by LSU staff member, Maurice Wolcott, who doubled as an  
assistant instructor on the workshops and Craig Johnson LAGIC Director.  

Among the organizations that participated in the three metadata training sessions were: the  
Louisiana Sea Grant Program, numerous state agencies (DEQ, DNR, DOTD and DHH), coastal  
zone managers from local parish governments and regional planning agencies.  The majority of  
attendees at the 1st and 2nd workshops were novice Metadata creators.  The attendees at the May  
17th workshop, mostly state agency GIS staff, were more experienced.  The remaining two  
workshops in July will be tailored to less experienced users.
Feedback on CAP Program: The recent distribution of the required metadata course elements (for metadata courses of various lengths) has been very helpful. We attempt to tailor each course to the experience level of the group we are instructing. Having the required course elements ensured that we cover the most critical subjects.

We also held a Metadata Train the Trainer Workshop at the Louisiana Remote Sensing and GIS Workshop in New Orleans in April. Lynda Wayne (GeoMaxim) and Craig Johnson (LAGIC) conducted that workshop. This workshop was not funded by the 2004 CAP Grant.

### Course Descriptions

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Number of attendees</th>
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<tbody>
<tr>
<td>October, 2004</td>
<td>Introductory Level Mississippi Coastal Geospatial Conf., Biloxi, MS. Co-instructed by Julie Bosch, NOAA, NCDDC</td>
<td>8</td>
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<tr>
<td>February 26, 2005</td>
<td>Introductory Level Sea Grant Extension Office Abbeville, LA</td>
<td>18</td>
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<tr>
<td>June 1, 2004</td>
<td>Intermediate Level LA. Department of Environmental Quality Baton Rouge, LA</td>
<td>20</td>
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<tr>
<td>July 8, 2004</td>
<td>Introductory Level National Wetlands Research Center, Lafayette, LA Co-instructed Kathy Martinolich, NOAA, NCDDC</td>
<td>13</td>
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<tr>
<td>July 26, 2004</td>
<td>Introductory Level South Central Planning and Development Houma, LA.</td>
<td>11</td>
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<tr>
<td>April 21, 2005</td>
<td><strong>Not funded by 2005 CAP Grant</strong> Metadata Train the Trainer Workshop – Experienced Louisiana RS/GIS Workshop New Orleans, LA.</td>
<td>8</td>
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