

BOCOMO Synergy Project

Local Government Implementation

Boone County & City of Columbia

<http://www.geog.missouri.edu/synergy/bocomo/>
<http://www.bocomo.missouri.edu>

Current Participants

Boone County

Public Works
Planning & Zoning
Dept. of Information Tech
Sewer District
Design & Construction
Assessor

Boone Electric Cooperative

City of Columbia

Planning & Development
Public Works
Chief Engineer/Operations
Solid Waste Manager

City of Ashland

Public Works
City Engineer
Planning

Project Objectives

- **Refinement of Local Government implementation process.**
 - Assessment of user context and integration potential.
 - Determination of insertion points of remote sensing products and derivative products into decision-making.
 - Development of remote sensing products to user requirements.
 - Implementation of remote sensing products to address local government policy and planning issues.
 - Delineation of programmatic opportunities for technology transfer and maintenance.
 - Building within the cooperating jurisdictions the capacity and capability for independent ongoing use of remote sensing products.

Target Customers

- City and County Planners
- City and County Public Works
- City and County Assessors
- Locally Owned Utilities
- Regulated Storm Water Authorities
- Local Citizenry

Status

- **Stakeholder Meetings - expanding series**
 - Issue and Policy Definition
 - Potential Application Listing
 - Prioritization of Application
 - Database Inventory and Documentation
 - Product Planning & Development
- **Development of Internet - Intranet Site**
- **Base Map Evaluation and Planning**
- **Land Cover Mapping & Change Detection**
 - Aerial Photography - continuing
 - TM - continuing
 - IKONOS - just arrived
- **Elevation Modeling**

Planned Products

TARGET APPLICATIONS:

- Storm Water - Modeling, Planning, Monitoring, Maintenance
- Tax Assessment
- Inventory Development
- Traffic Demand Modeling
- Flood Zone Determination
- Right-of-Way Management
- Ecological Sensitivity Modeling

Initial Results

- **PROGRAMATIC:**
 - Application/Data Base Matrix
 - Interrelationships and Interdependence
 - Publicity in Local Papers
 - Managing Expectations
 - Initiate Project / Product Teams
 - Internet InfoMart Development
- **APPLICATION:**
 - Stormwater Modeling
 - Ecological Sensitivity

Issues

- Scale / resolution / accuracy interrelationships within local government applications - Undefined accuracies.
- Policies to ensure privacy.
- Conversion of existing data / data transfer / data update.
- Building a technology transfer / informational program for the development of staff resources for more independent use of remote sensing products.
- Building collaborative business relationships with the commercial sector focusing on local government needs and applications.