



Information Management Needs Assessment

Project Handout

for:

NALCC Steering Committee Call

September 5, 2012

The project is comprised of two main activities: 1) Information gathering, and 2) information synthesis and report writing. At present we have completed the activities listed below and are wrapping up the information gathering phase and are heading into synthesis.

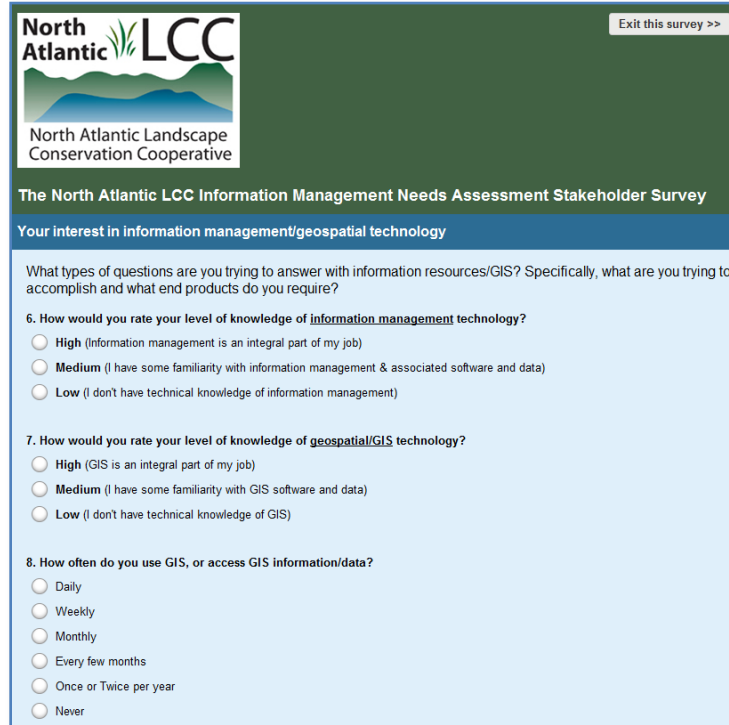
Project Activities

- **What's happened:**
 - **April:** Project Kickoff @ Steering Committee [Mtg](#) in Charleston, WV
 - **May:** Project Committee [Mtg](#), Focus Group #1 (FW&S employees); Interviews in Hadley, MA
 - **June:** Additional interviews
 - **July:** Survey finalized
 - **August :** Survey launched; additional interviews; Steering Committee briefing
- **What comes next:**
 - **September:** Focus Group #2 (open invite to interested parties), Survey closing and initial analysis
 - **October:** first draft of final report

During information gathering, the following personnel were interviewed:

- **Andrew Milliken**, F&WS
- **Ken Elowe**, F&WS
- **Rick Bennett**, F&WS
- **Steve Fuller**, Wildlife Management Institute
- **Mark Anderson**, TNC Northeast
- **Kevin McGarigal**, UMass Landscape Ecology Lab

On August 1st, a comprehensive survey was released. The response to the survey has been positive (see below) and the survey was closed on August 31st. To prepare for this briefing, we have conducted a preliminary analysis based on the survey responses gathered through August 29th. This analysis provides a high-level briefing on the response rate and some of the findings that may be revealed.



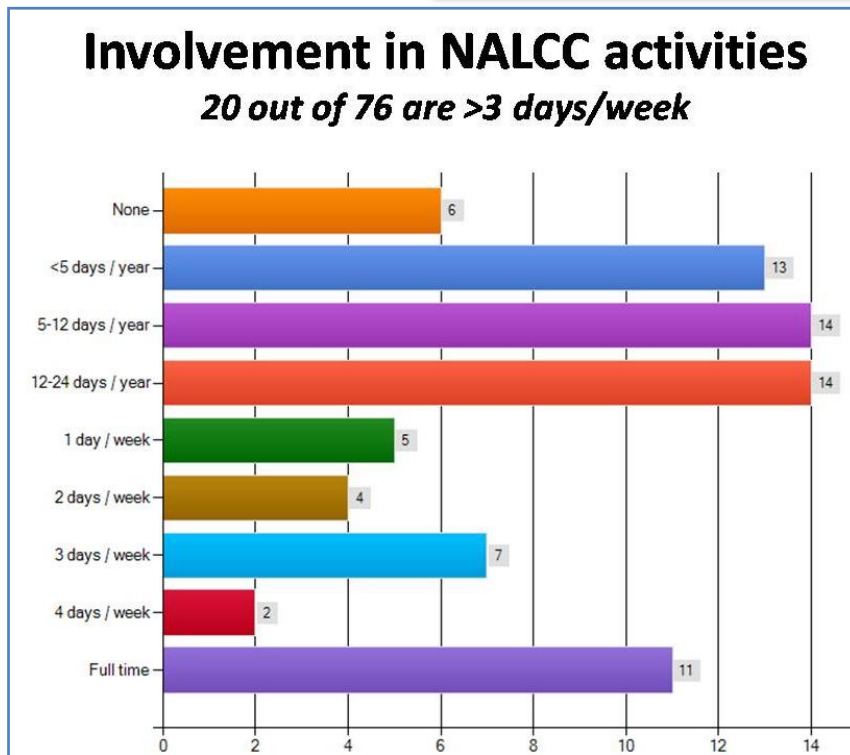
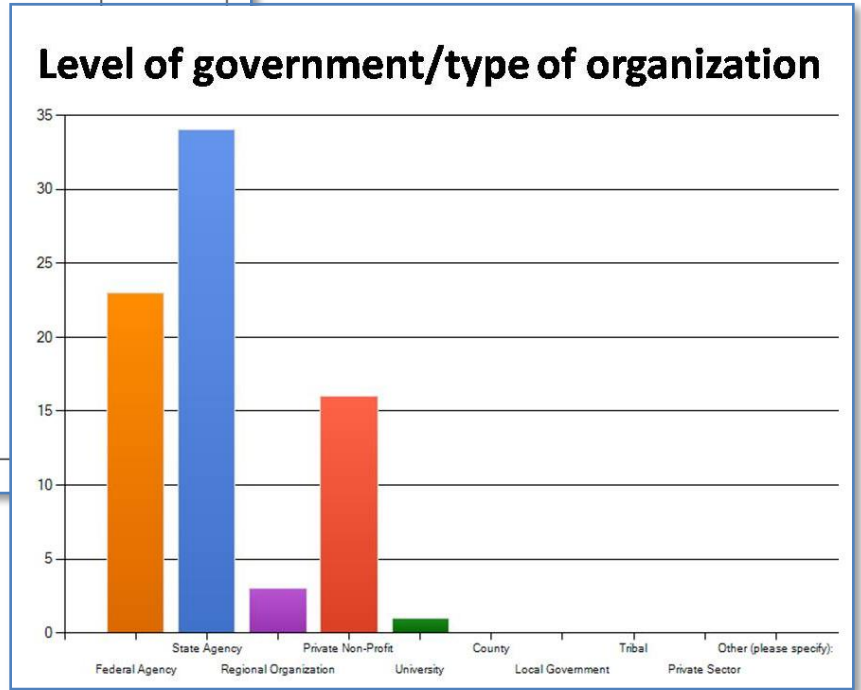
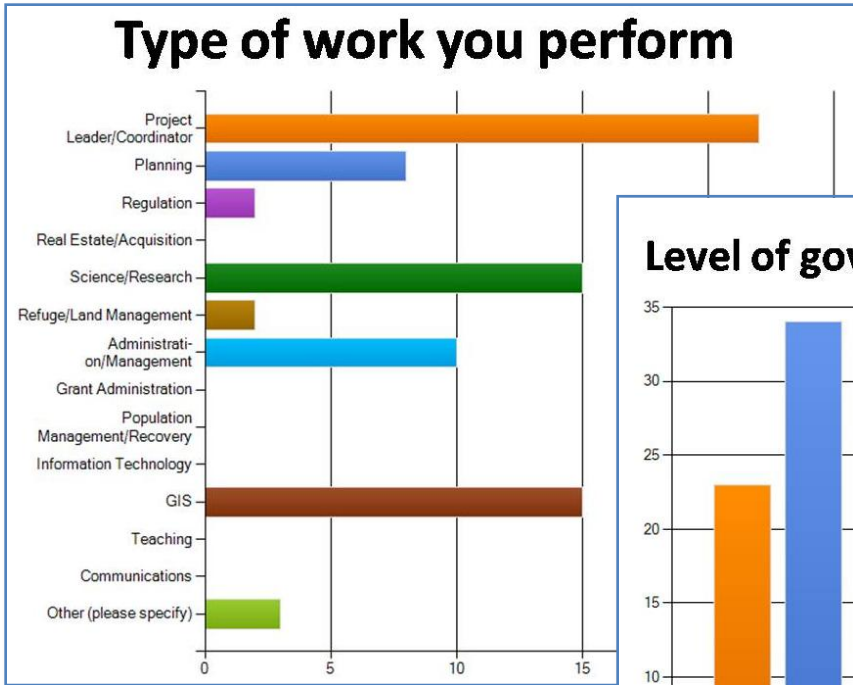
Overview of Survey Response (as of 8/29/2012):

- Participation
 - 85 “surveys started”
 - 72 surveys complete
 - 77 surveys “largely completed”

Supplemental Questions on data management and GIS

- Do you **currently work with data directly** and/or have direct knowledge your organization's **data holdings** and requirements? **65% Yes**
 - ~47 people answered 13 supplemental questions on data
- Do you **currently work with information management and/or GIS technology** and/or have direct knowledge your organization's **technological capacity**? **56% Yes**
 - ~40 people answered 8 supplemental questions on GIS

Overview of Survey Response "Demographics" (as of 8/29/2012):



GIS and Information Management are Important:

Level of Knowledge	Info Mgmt	GIS
High = "Integral"	37%	43%
Medium = "Familiarity"	49%	44%
Low	13%	14%

Importance of DB and GIS Technology

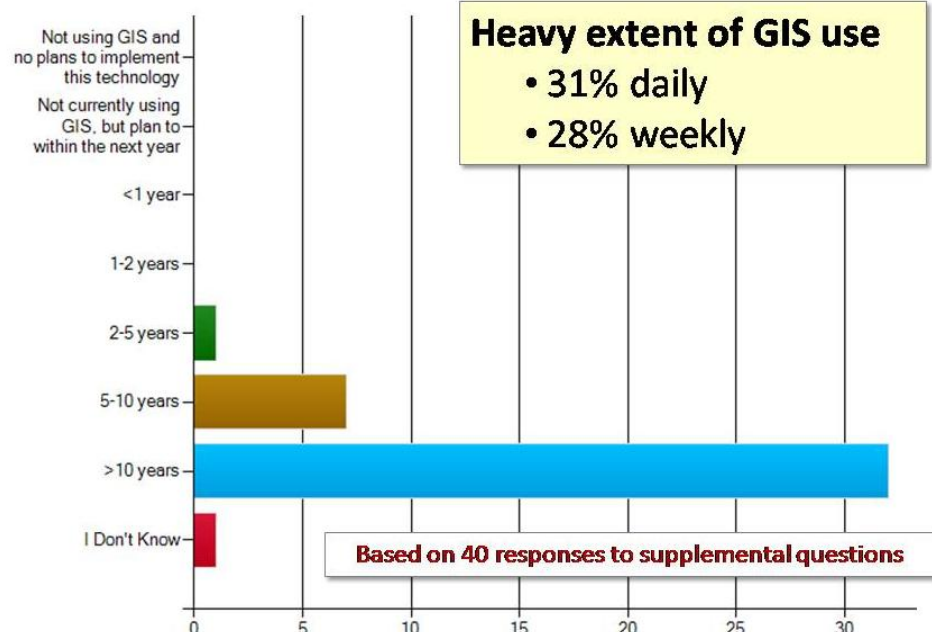
How essential is GIS/database technology to the business conducted by your organization/division?

Technology	% Critical	% Very Useful	Critical + Very Useful
Database	56%	42%	98%
GIS	90%	10%	100%

Other choices were:
 • Somewhat useful
 • Not very useful
 • Not relevant

Based on 40 responses to supplemental questions

Exposure to GIS is not new & use is prevalent



Sample of findings that may emanate from the survey:

Models for an NALCC IM System

A North Atlantic LCC Information Management System should be comprised of...

Model	% that Strongly Agree + Agree
...a single, dedicated system , exclusively focused on LCC activities.	34%
...an inherently collaborative system with multiple partner systems working in concert.	69.6%
... hosted tools and data viewers available to all partners.	78.6%
... shared web services/data sharing between partners.	74.3%
...only coordinated, formal data sharing between partners.	17.2%

Most Important Information Products Needed

Technology Product	% that Need but Don't Have
Access to info/maps on my mobile device	41%
Projections/visualization based on user input	40%
Decision support tool that can be customized by users	46%
Decision support tool that is customized by technician	44%

Thinking out loud...On what an Information Management solution for the NALCC could look like...

A conceptual framework that contains and organizes the needs we have heard through the interview and focus group process:

