

## Towards a Southeast-wide Conservation Planning Atlas


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## Outline

- Background and Challenges
- Potential Solution
  - Conservation Planning Atlas
- Specifics of a CPA
  - Format
  - Audience
  - Key functionalities
  - Expected benefits
  - Commitment
- Progress and Next Steps

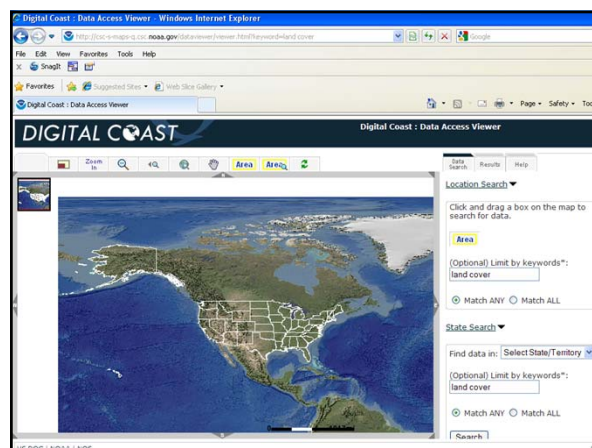
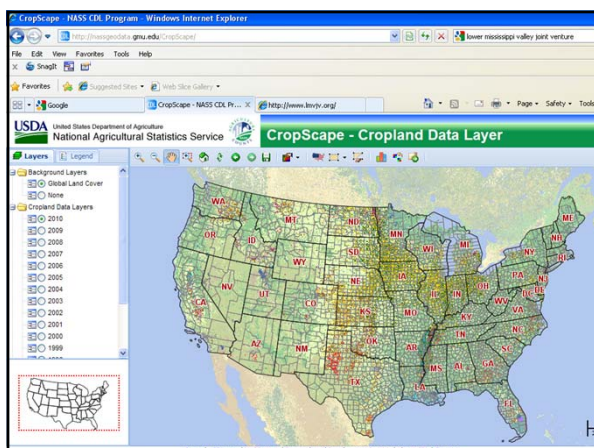
## Background and Challenges

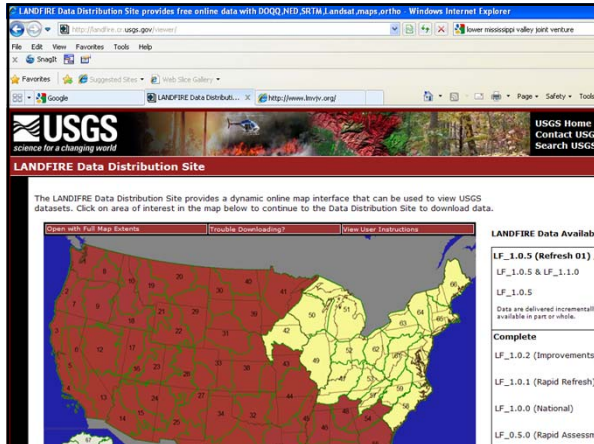
- Inconsistent and incompatible data hampers development of adaptation strategies
  - Land Cover
  - Boundaries
    - BCRs
    - Public lands
  - LiDAR



## Background and Challenges

- Inconsistent and incompatible data hampers development of adaptation strategies
- Volume of new data and tools overwhelms users
  - Staying abreast of emerging datasets
  - Collecting and collating data is a full time job





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- Inconsistent and incompatible data hampers development of adaptation strategies
- Volume of new data and tools overwhelms users
  - Staying abreast of emerging datasets
  - Collecting and collating data is a full time job
- Technology in data dissemination is full-time job
  - Partners and partnerships falling behind
  - Data applications ≠ data dissemination

## Background and Challenges

- Alabama Private Lands Biologist
  - Conservation Planning Tool of NBCI 2.0
    - <http://www.bringbackbobwhites.org>

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**Server Error in '/' Application.**

**Runtime Error**

**Description:** An application error occurred on the server. The current custom error settings for this application prevent the details of the application error from being viewed remotely (for security reasons). It could, however, be viewed by browsers running on the local server machine.

**Details:** To enable the details of this specific error message to be viewable on remote machines, please create a <customErrors> tag within a "web.config" configuration file located in the root directory of the current web application. This <customErrors> tag should then have its "mode" attribute set to "Off".

```
<!-- Web.Config Configuration File -->
<configuration>
  <system.web>
    <customErrors mode="Off"/>
  </system.web>
</configuration>
```

**Notes:** The current error page you are seeing can be replaced by a custom error page by modifying the "defaultRedirect" attribute of the application's <customErrors> configuration tag to point to a custom error page URL.

```
<!-- Web.Config Configuration File -->
<configuration>
  <system.web>
    <customErrors mode="RemoteOnly" defaultRedirect="mycustompage.htm"/>
  </system.web>
</configuration>
```

## Potential Solution

### Conservation Planning Atlas

- A platform that serves data in a consistent manner and allows end-users to discover, access, and integrate existing data and tools

## Potential Solution


### Conservation Planning Atlas

- Initial conversations occurred with other LCCs
  - Appalachian
  - Gulf Coast Prairie
  - North Atlantic
  - Peninsular Florida
  - South Atlantic
- Reactions
  - Supportive
  - Willing to let the GCPOLCC lead the charge

## Potential Solution

### Conservation Planning Atlas


- Brought to Geomatics Working Group to define:
  - Format
  - Audience
  - Key functionalities
  - Expected benefits
  - Commitment



## Potential Solution

### Conservation Planning Atlas


- Brought to Geomatics Working Group to define:
  - Format
    - Web-based
      - Web Services
      - Local Storage



## Potential Solution


### Conservation Planning Atlas

- Brought to Geomatics Working Group to define:
  - Format
  - Audience
    - Target = casual user
    - Expected users
      - Power users
      - "Outsiders"




### Potential Solution Conservation Planning Atlas

- Brought to Geomatics Working Group to define:
  - Format
  - Audience
  - Key functionalities
    - Data storage
    - Map viewing
    - Basic geoprocessing




### Potential Solution Conservation Planning Atlas

- Brought to Geomatics Working Group to define:
  - Format
  - Audience
  - Key functionalities
  - Expected benefits
    - Central repository
    - Data discovery
    - Common datasets
    - Basic GIS capability



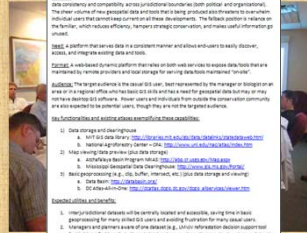
### Potential Solution Conservation Planning Atlas

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  - Commitment
    - Carrie Johnson (ADCNR)
    - Ashley Peters (ADCNR)
    - Blaine Elliott (LMJVJ)
    - Theron Terhune (NBCI)
    - Fred Hagaman (LDWF)
    - Drew Rollman (USFWS)



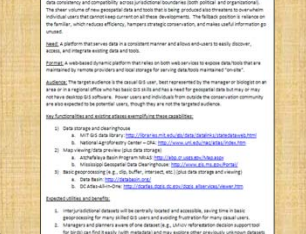
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### Potential Solution Conservation Planning Atlas

- Brought to South Atlantic LCC GIS Working Group
  - Format
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  - Key functionalities
  - Expected benefits
  - Commitment
    - Tanner Jessel, IAA
    - Mary Davis, SARP
    - Ed Laurent, ABC
    - Rickie White, NatureServe
    - Raye Nilius, USFWS



### Potential Solution Conservation Planning Atlas

- Joint LCC Atlas Planning Team
  - Rectify differences
    - Target user ability
    - Datasets served
  - Identify next steps
    - ID initial datasets
      - Orthoimagery
      - Elevation
      - Hydrography
      - Boundaries
      - Transportation
      - Landcover
    - Assess existing platforms
    - Agree on standards



**Next Steps**  
Conservation Planning Atlas

- Technical
  - Settle on standards
  - Identify platform and necessary customization
  - Collect datasets
- Timeline
  - Soft release – late Spring/early Summer 2012
  - Hard release – Summer/Fall 2012
- Role for Appalachian LCC
  - Involvement in selecting standards and platform
  - Collection of key datasets from partners
  - Partner awareness and dissemination
  - Long-term maintenance?

**Questions and Comments**

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