

Science Delivery Projects and Progress

Overview and update

Completed Project

Science to practice: a science delivery program for regional conservation partnerships

Highstead Foundation:
Four workshops
delivered in ME, NH,
MA, VT, focused on
training to access
DataBasin. Gathered
extensive input via
surveys.



Ongoing Project

Envision the Susquehanna: Incorporating landscape science into landscape conservation

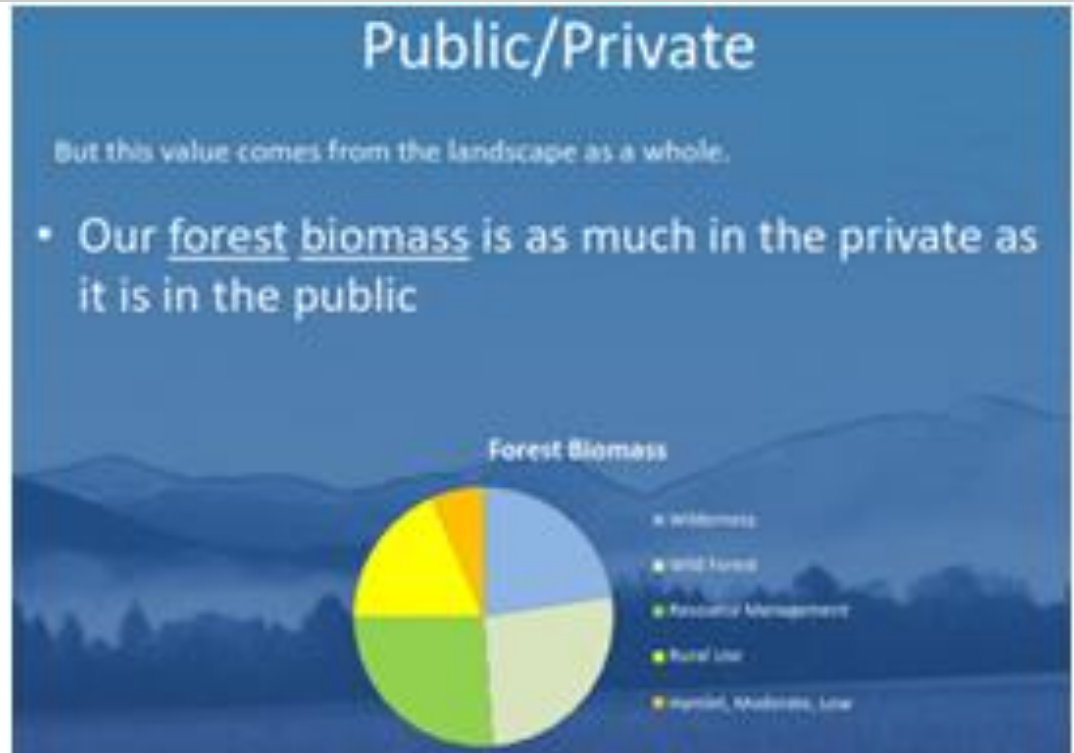
Chesapeake Conservancy:
Developing novel approaches to engage communities in conservation design.



Ongoing Project

Enhanced stewardship of priority habitats and species on private lands

Wildlife Conservation Society:
Prioritizing communities and developing tools for land use planning technical assistance.




Ongoing Project

Catalyzing land trust capacity for data and science integration

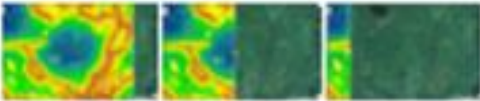
Open Space Institute:
Developing a series of
four guidance
documents to integrate
NALCC science into land
trust planning processes.

1. Input the following data into the software:
- Input the following data into the software:
- Input the following data into the software:
- Input the following data into the software:



Warmer colors represent higher integrity, and cooler colors indicate lower integrity.

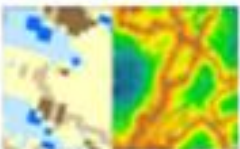
2. Use the output tool to compare integrity to aerial views of the land.



Set the bearing to Imagery, look at the region with and without the dataset, using the output tool between the data and the bearing. Switch the bearing to see new aspects of the land, and continue to view the region with the different bearings and the dataset.

Although integrity will not always align with fragmentation, in this example it does. The areas that have not been delineated or turned into roads have the most ecological integrity, making them good examples of this habitat type.

3. Add a dataset and use the output tool to compare connectivity to another form of data.



This time, add the "Regional Flow Patterns, Wetland" dataset and set up the double screen. In this example, the area with the most integrity has only average regional flow. To make bearing for wetland plans to connect, make sure to take all factors into account. Continue to compare the integrity dataset to others for more insights.

Current allocation

Progress since April 2015

Project Area	Allocation	Obligated
Improved user-interface for Data Basin	\$30,000	\$30,000
Initial knowledge transfer	\$150,000	\$32,000
Facilitation of multi-scale planning	\$0	\$0
Focused science applications	\$70,000	
Technical assistance provider grants	\$25,000	\$0
Coordination of conservation networks	\$25,000	\$0

Feedback

What we are hearing from Science Delivery Workshops and Training

- Data Basin is a useful resource; a lot of regional information available there; training is helpful
- A lot of information to help identify the best areas - more focus on restoration tools would be helpful
- Brook trout assessment helpful for understanding where to focus restoration planning
- Aquatic connectivity tools good complement to local information; regional aquatic connectivity collaborative important resource

Feedback

What we are hearing from Science Delivery Workshops and Training

- Conservation design tools useful as a complement to state and local information; need additional peer review and testing by implementers
- Integration of conservation designs across LCC boundaries important in states with multiple LCCs.
- More ability for users to prioritize design results by setting their own weights
- RCOA process collaborative and providing important regional context and prioritization; will be helpful to have initial results to review
- More review of species models by experts is needed

Next Steps

For the year to come

1. Draft strategic plan based on recent planning sessions and team input.
2. Seek input on **Improved Databasin Interface**.
3. Contract support to proactively schedule and plan trainings and workshops in support of **RCOAs**.
4. Based partly on input from RCOA restoration scenario teams and from technical committee, develop RFPs for **Focused Science Applications**.
5. Release RFPs for **Technical Assistance** and **Partnership Coordination** grants.