The Chesapeake Commons

CHESAPEAKE BAY
FUNDERS NETWORK

Agenda

- Overview of Chesapeake Common's system architecture
- How this is applicable to AGWG
- User case examples
- Projects in progress and goals for the upcoming months.

CHESAPEAKE BAY
FUNDERS NETWORK

What Is Chesapeake Commons

- Web based Geographic Information Systems (GIS) and data management tool available to all organizations working to restore the Chesapeake Bay

- Free/Low Cost Data Management and GIS consultation service designed to help organizations get the most out of their data, and make their information tell a story

- Centralized growing knowledge base of data, maps, and articles contributed by government, non profits, funders, and citizen organizers.

- Policy makers have a centralized pool of peer vetted information from which they can make the best possible decisions in the context of the Bay restoration effort.

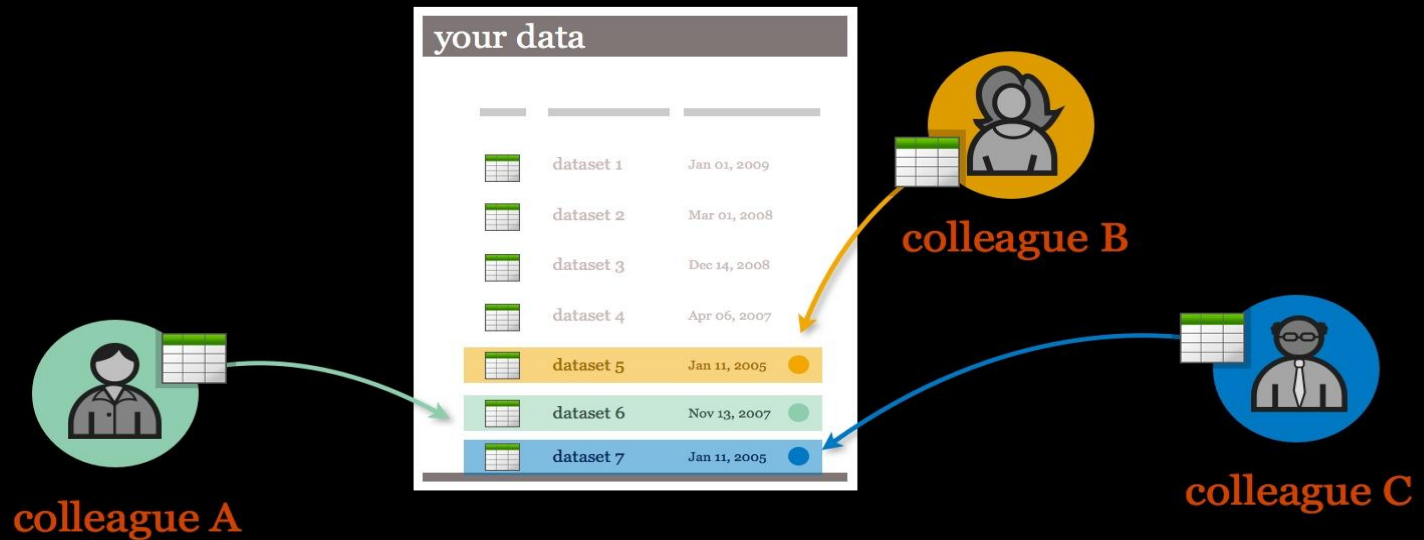- Data can be hosted privately or publically.

How it Works

How it Works

How it Works

easy online visualization tools

CHESAPEAKE BAY
FUNDERS NETWORK

How it Works
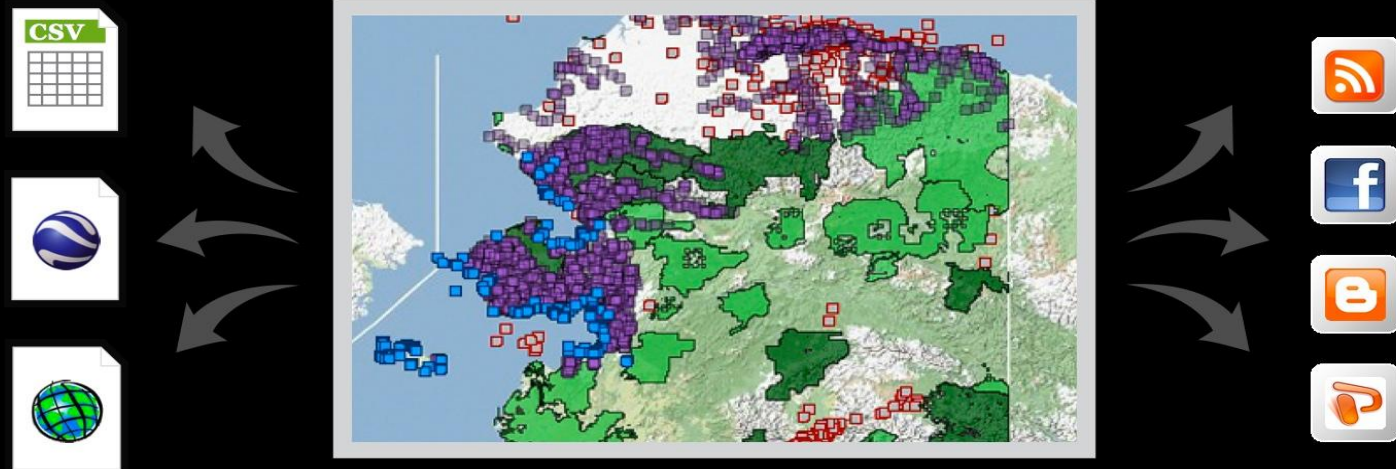
How Can This Help Me?

- The Commons can be utilized to facilitate secure verification and management of BMP data between states, conservation districts (CD), and the Chesapeake Bay Program

1. CD completes, data collection verification, and entry of BMP data via a web based form.

2. Jurisdictional entity reporting to NEIEN can access CD submitted data in private work group on Chesapeake Commons and easily cross check records.

- Simplistic workflow that could be perfected through a pilot program.

- Let's dive in: Example

CHESAPEAKE BAY
F U N D E R S   N E T W O R K

New User Case: The Mountain Institute (WV)

- Outputs:
- The Chesapeake Commons has helped the TMI's Appalachia Program to:

1. Map and host eight years of chemical, biological, and land use data for the Big Run drainage basin (The highest stream in the Bay Watershed).

2. Build Chesapeake Commons Data collection directly into their student and citizen based monitoring campaign.

3. Enhancing data accuracy and speed of QAQC by eliminating the number of steps and media through which the data is collected:

Field=> Notebook=> Excel= > QAQC = > Map/Distribution

Vs.

Field=> QAQC= > Map/Distribution

New User Case: The Mountain Institute (WV)

- Outcomes:

1. Raise awareness of the value of the Bay headwaters, discouraging future development or unsustainable use.

2. Demonstrate the value of headwater streams by showing the link between conservation activities and water quality in the Big Run drainage basin.

3. With an environmental baseline, managers are better able to track change in the resource over time and respond accordingly

THE MOUNTAIN INSTITUTE

CHESAPEAKE BAY
FUNDERS NETWORK
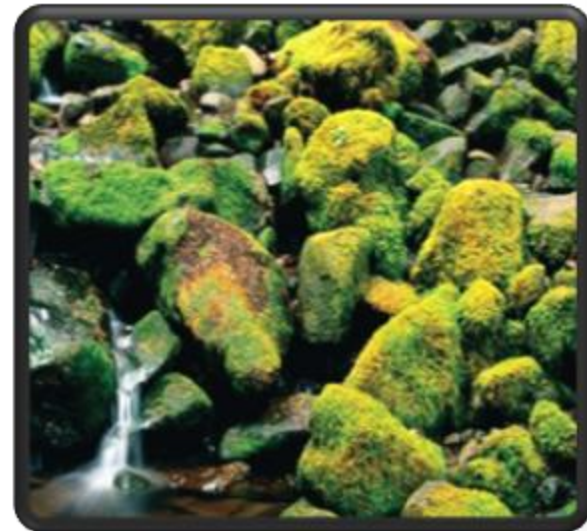
Objectives for 2012

- Finalize the build of face page by May 1 and have all user cases, help articles, and data sets populated by June 1.

- Continue project work and bringing new active users to the Chesapeake Commons.

- Plan and execute a press release and event by August

- Continue to push hard on Rhiza Labs to roll out new system modifications.

*Moving forward: Priority must be given to development of system features and bolstering capacity.

CHESAPEAKE BAY
FUNDERS NETWORK

Questions?

R. John Dawes
Chesapeake Commons Administrator
The Heinz Center
900 17th Street NW Suite 700
Washington DC 20006
Phone: 202-624-3994
Email: dawes@heinzcenter.org

CHESAPEAKE BAY
FUNDERS NETWORK