



EAHCP DATABASE MANAGEMENT PROJECT UPDATE



DISCUSSION OUTLINE

What Are Our Goals For The System?

What Are Our Development Phases?

What Is the Status of Development?



WHAT ARE OUR GOALS?

- 1) Secure data collected in support of the EAHCP and administrative record,
- 2) Provide a complete and integrated source for analyses,
- 3) Provide a quality-assured and quality-controlled database for all EAHCP data.

PHASES OF DEVELOPMENT



Input



Search



Select



Migrate



Input

GATHERING INPUT

- 1) Solicited input from
 - EAA
 - NAS
 - USGS
 - EAHCP Committee
 - Northern Temperate Lakes
 - Ecological Society of America

- 2) Input helped us create a robust
 - Scope of work
 - List of vendors



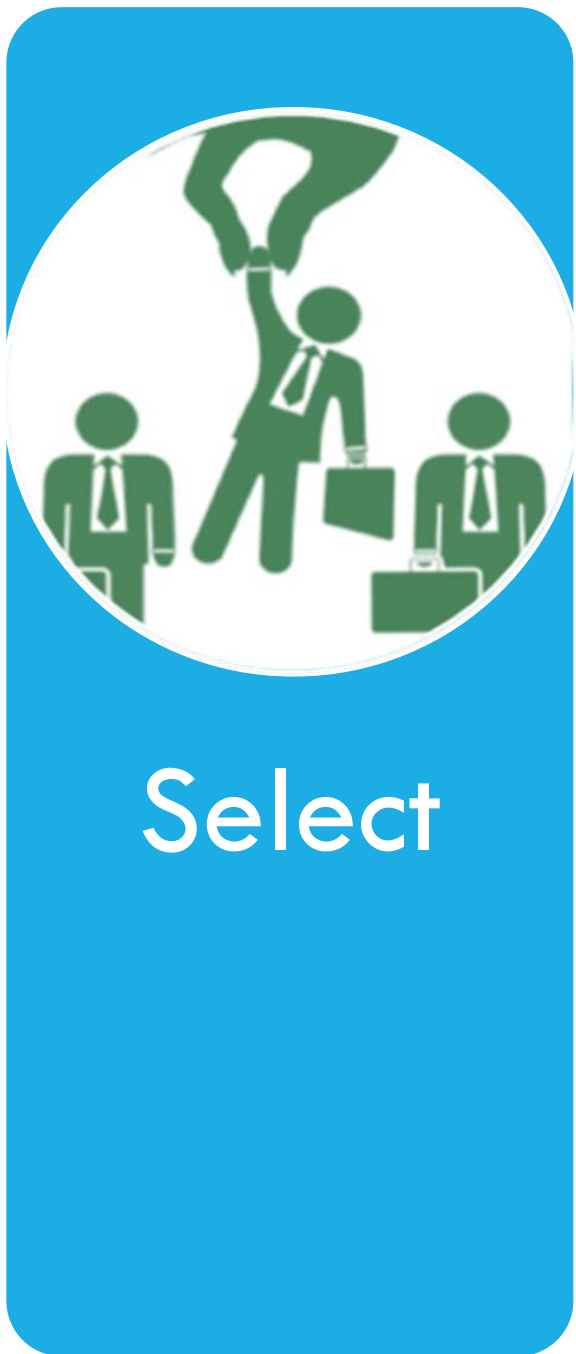
Search

SEARCHING FOR A SOLUTION

- 1) We solicited names of possible developers.
- 2) Based on their feedback we interviewed a short list of organizations to obtain input on an off-the-shelf vs. custom-built solution.
- 3) We vetted our options with USGS and ArcGIS.

EVALUATING SOLUTIONS

Solutions	Off-the-shelf	Custom-built
Development Expertize	High	Medium
Ongoing Maintenance	Included In Cost	Not Likely Included
Learning Curve	Moderate	Possibly Smaller
Un-Supported File Types	Will store, but not display, shape files for later use	Likely not support real-time data
Data Knowledge	Moderate	High
User Size	Multiple	Single



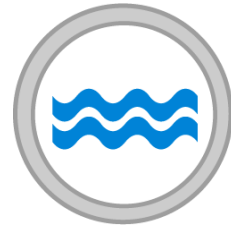
SELECTING A SOLUTION

We selected an off-the-shelf solution.



AQUARIUS
Samples

WE SELECTED AQUARIUS SAMPLES!



AQUARIUS
Samples

- 1) Will integrate Time-Series Data.
- 2) Will integrate with EAA & ArcGIS data.
- 3) Will hold all EAHCP data, including image and shape files.

A blue rounded rectangular button with a white circular icon at the top. The icon depicts three green silhouettes of business people in suits; one in the center is holding a briefcase and a large green question mark above their head, while two others stand on either side. Below the icon, the word 'Select' is written in white.

Select

MIGRATION PLAN

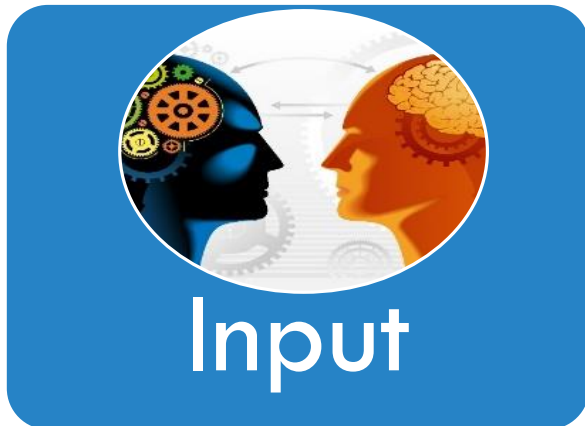
- 1) We will work with Aquatic Informatics to setup the database and characterize our data.
 - The data characterization will provide us with a data integration plan and data map.
- 2) We select a vendor who will use this data characterization to configure the EAHCP database and migrate EAHCP data.



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SUMMARY

- 1) We have selected Aquarius Samples for the EAHCP
- 2) Setup, inventory, and migration costs will be approximately 30 to 70 thousand dollars
 - Paid through the 2016 Applied Research budget as recommended by the Applied Research Work Group.
- 3) Setup and migration will, ambitiously, be complete by the beginning of 2017





THANK YOU

Questions?