Updates from Shippensburg

Winter 2015–2016

"Mapping, modeling, and monitoring land cover in the Delaware River Basin"

Supported by the William Penn Foundation

DRB2070 Workshops and Preliminary Findings

Our first two Watershed Identity and Scenario Development workshops were held in Philadelphia, PA, and Narrowsburg, NY. Attendees represented a wide range of expertise, from resource conservation and GIS, to city planning and database management. Participants shared their views on strengths and weaknesses within the DRB, and brainstormed future scenarios.

Common themes included the value of water and recreation within the basin, and plans for new development and infrastructure. Future scenarios explored extreme weather events, water scarcity nation-wide, aging infrastructure, and improved technology. Over the next few months, we will be using the information shared at our workshops to develop future scenario storylines for our land use modeling to 2070. Please consider attending our workshops– we need your input!
DRB2070 Watershed Identity and Scenario Development Workshops

10:30 AM – 3:00 PM

January 13, 2016
Reading, PA
The Nature Place in Angelica Park

January 14, 2016
Washington, NJ
Merrill Creek Reservoir in Harmony

February 18, 2016
Dover, DE
St. Jones Reserve Coastal Training Center

Learn more and register online:
http://drbproject.org/workshops/

Delaware Land Cover Data– Coming Soon!

A draft version of the high resolution land-cover map for the state of Delaware is being made available for review and comments by end-users! The layer is a 4-bit file in Albers Conical Equal Area projection, and is provided as an ERDAS Imagine file (.img) due to size. The University of Vermont Spatial Analysis Lab (SAL) has not yet completed full metadata for the layer, but the coding scheme is labeled in the draft metadata and in the value attribute table (see below).
In the meantime, SAL will continue working to improve automated feature extraction of the classes in this dataset, and will also manually review and edit a near-final version of the map to eliminate obvious errors and inconsistencies. Contact Jarlath O’Neil–Dunne (joneildu@uvm.edu) at SAL to request access to the draft data set.

We Need Your Data!

The University of Vermont SAL is gathering GIS datasets from the 43 DRB counties. This information will improve the accuracy and consistency of the final high-resolution (1m x 1m) land cover product. Click here to learn more about our high-resolution land cover mapping, or contact Jarlath O’Neil–Dunne (joneildu@uvm.edu).

Check out this interactive map to see responsiveness and land cover mapping status for your county.

Visit Us in 2016!

Along with the Center for Land Use and Sustainability at Shippensburg University, we will be attending the following conferences in 2016. Make sure to stop by and learn more about our work!

- **February 3–4:** Delaware Wetlands Conference in Wilmington, DE
- **April 3–7:** International Association for Landscape Ecology (U.S. Division) in Ashville, NC– *The SLEUTH Wizard: Python scripts to automate the SLEUTH urban growth model* (poster) and *Developing future land use scenarios for the Delaware River Basin* (presentation)
• May 11–13: Pennsylvania Association of Environmental Professionals in State College, PA
• May 16–18: Pennsylvania GIS Conference in State College, PA
• June 1–2: Chesapeake Modeling Symposium in Williamsburg, VA

DRB Maps Available for Purchase

We have had great feedback on the detailed DRB base map created by our research analyst. This tool is used to guide discussion at our DRB2070 workshops. If you need a large format (38" x 57") map of the Delaware River Basin, $40 standard or glossy prints and $45 laminated prints are available (scale: 1:350,000), with shipping included. Contact us for more information!

Steering Committee Update

Click here to view the minutes from our November 17th meeting.

2015 Annual Report

View our 2015 annual report and other project documents here.

www.drbproject.org

Stay informed about our project through our newsletters, website, and your favorite social media platform!

Please contact Antonia Price with any comments or questions:

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