Updates from Shippensburg
– Fall 2015 –

"Mapping, modeling, and monitoring land cover in the Delaware River Basin"
Supported by the William Penn Foundation

Growth and Urbanization: County Classification Map of the Delaware River Basin from 1996–2010

We have completed a first approach to classify all 43 counties intersecting the Delaware River Basin based on urban growth and urbanization (see map below). Using cluster analysis, we detected 6 significant county groups within the DRB in metro, suburban, or rural areas. Our goal was to establish more homogenous groups for use in the land use models we will test early next year.

Within each group, total growth becomes more important in distinguishing county patterns. Counties influenced by New York City and Washington D.C. metro areas exhibit a higher growth rate than those closer to Philadelphia. Surprisingly, these two large and exogenous urban actors frequently play a larger role than the anchor city, Philadelphia.

Read more details on our website!
The table above shows the mean value within each group. Total Growth is the percent (%) increase of urban area during the period (1996-2010). Urban Area is the land developed out of the available land in each county (%). Largest Urban Center is measured in square kilometers (km²).
Now that we have you thinking about land use change...

We are pleased to announce a series of Watershed Identity and Scenario Development Workshops. We will be using your input to generate land use scenarios to promote regional planning in the watershed. DRB2070 is a collaborative effort, and generating land use scenarios for the entire DRB will require input from many stakeholders to create a shared vision. Please consider attending one of our workshops to help shape DRB2070!

Our workshops will provide a brief overview of land use in the DRB. Participants will be encouraged to consider the biggest drivers of future land use change. Please share this information— the more input we can receive, the better!

**DRB2070 Watershed Identity and Scenario Development Workshops**

10:30 AM – 3:00 PM

October 29th, 2015
Philadelphia, PA
Academy of Natural Sciences

November 10th, 2015
Narrowsburg, NY
Upper Delaware Council

*January/February, 2016*
Phillipsburg, NJ
Dover, DE
Reading, PA

*Learn more and register online:*

[http://drbproject.org/workshops/](http://drbproject.org/workshops/)

*Final locations and dates for 2016 will be available on our website*
Steering CommitteeMeeting

On August 20, 2015, we held our first project steering committee meeting. Topics included introductions, a project overview, and outline of our scenario approach for land use forecasting in 2070.

We thank our steering committee members for their insight and support for this exciting project, and look forward to working with you!

Read the meeting minutes here.

PA Tree Canopy Data Available!

Our partners at the University of Vermont Spatial Analysis Laboratory are thrilled to announce the first public release of the Pennsylvania statewide high-resolution tree canopy dataset.

The 2.3 GB dataset can be found on Pennsylvania Spatial Data Access (PASDA), and is at a resolution of 1m—this is 900 times more detailed than the current National Land Cover Dataset (NLCD)!

Correction: In our first newsletter, we intended to include the "Natural Lands Trust" and "Delaware River Watershed Initiative" as organizations on our steering committee.

www.drbproject.org

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

Please contact Antonia Price with any comments or questions:

Antonia Price, Project Coordinator
(717) 477–1519
afprice@ship.edu