Updates from Shippensburg

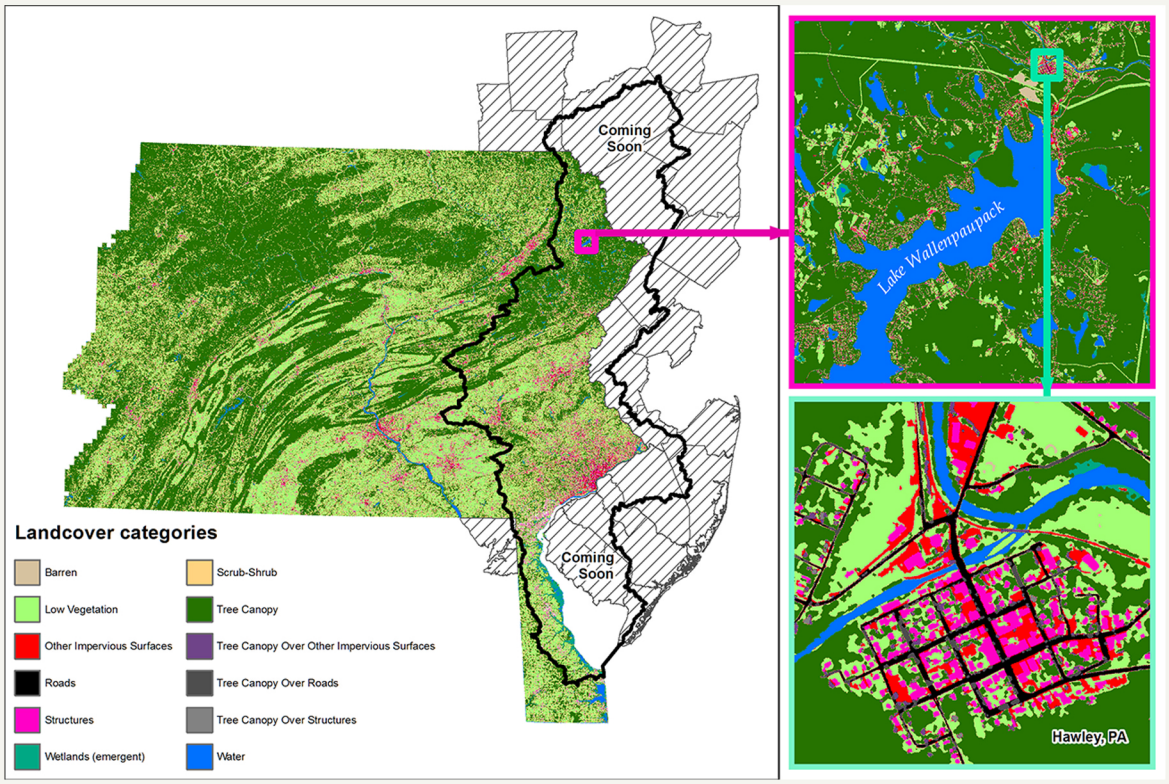
Fall 2016

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

Supported by the William Penn Foundation

Land Cover Data Available for Pennsylvania!

High-resolution (1m x 1m) land cover data is now available for Delaware State and all Pennsylvania counties that intersect the Delaware River Basin. The Pennsylvania DRB data can be downloaded from PASDA along with the counties that intersect the Chesapeake Bay Watershed. The New Jersey and New York DRB county land cover data is currently underway, with two of the twelve land cover classes remaining. We want to thank our collaborators at UVM's Spatial Analysis Lab for all of their hard work in producing this dataset!



Future Land Use in the DRB

Dorlisa Minnick, an affiliated scientist with SU's Center for Land Use and Sustainability, is currently analyzing the data from our basin-wide land use survey. We are exploring common themes and concerns, as well as the geographic distribution of responses. To date, our survey has over 600 views and 180 responses. Visit our website to see a summary of responses for questions related to catalysts of land development and protection, and prioritization of future land use scenarios.

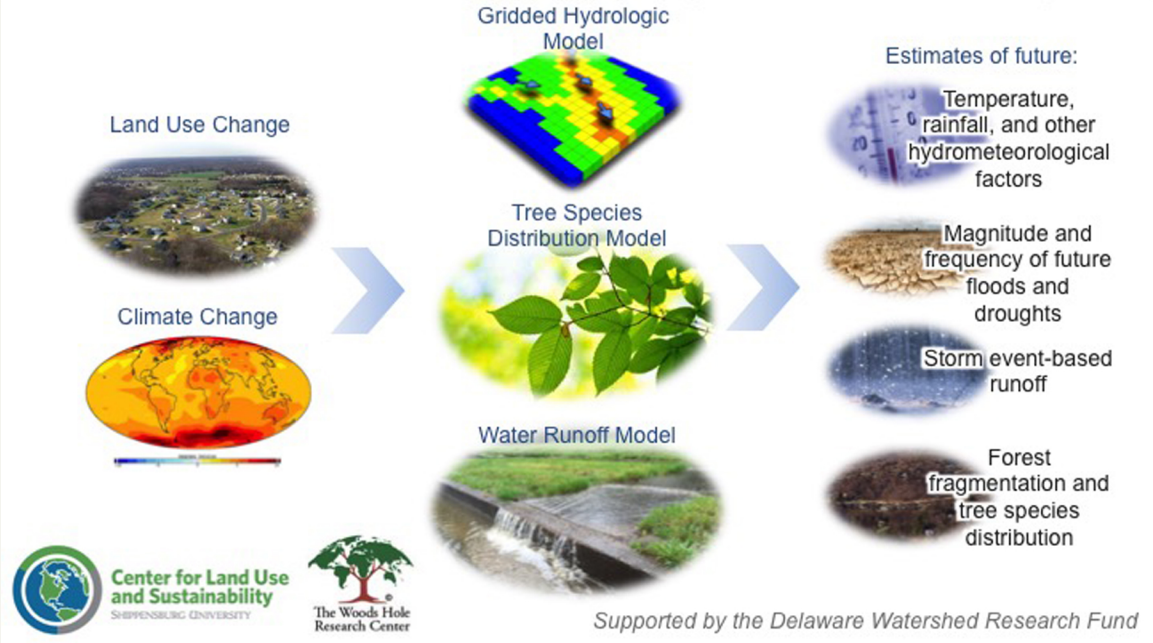
The information from our DRB2070 workshops and land use survey were used to inform a Scenario Development workshop last week. We invited a small group of participants to draft future land use scenarios for the entire Delaware River Basin. Over the next few months, we will be refining these scenarios and working to model alternative futures in the basin.

Visit Us in 2016 & 2017!

We plan to attend the following conferences and meetings this fall and winter- make sure to stop by! Please let us know about other venues to share our work.

- November 11-12: A Tale of Two Rivers: The Susquehanna and Delaware at Bucknell University in Lewisburg, PA
- February 7-8: Delaware River Watershed Initiative (DRWI) Winter Gathering in Macungie, PA
- April 9-14: International Association for Landscape Ecology (US Division) Annual Meeting in Baltimore, MD
- May 4-6: Pennsylvania Land Conservation Conference in Lancaster, PA
- May 15-17: 25th Annual PA GIS Conference in State College, PA

How will forest ecosystems and hydrologic processes in the Delaware River Basin by affected by climate change and land cover change?



This summer, our team was awarded a new grant under the Delaware Watershed Research Fund, administered by the Academy of Natural Sciences of Drexel University. Learn more!

Steering Committee Update

Click here to view the minutes from our August 2016 meeting.

Related Research

Energy Sprawl is the Largest Driver of Land Use Change in the United States.

www.drbproject.org

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