**Existing assessments, prioritizations, and data**

**Digital Water Atlas**

With data on temperature, land cover, impervious cover, special protection status, impaired status, geology, daily water use, and more

<http://www.pawaterplan.dep.state.pa.us/StateWaterPlan/DWA/DWAMain.aspx?regionId=6>

**EV streams of PA**

<http://www.pasda.psu.edu/uci/MetadataDisplay.aspx?entry=PASDA&file=StreamsCH93ExistingUse2014_09.xml&dataset=1099>

Normalized flow data for PA and MD portions of the Susquehanna/Chesapeake watershed (Chesapeake Conservancy)

**Prioritizing streams for acid mine drainage remediation**

<http://www.esri.com/news/arcuser/1104/tobycreek.html>

**Pennsylvania Conservation Opportunity Areas**

<http://training.fws.gov/courses/ALC/ALC3159/reports/final-reports/2014FR/Haffner-et-al-2014_PA-COA.pdf>

<https://connect.natureserve.org/files/bwb2012/120424_C1_CTracey.pdf>

Note that updates are underway. It is possible that the data will not be publicly accessible for the new iteration as the Commissions involved have decided to go in a new direction.

**High value forests**

<http://dcnr.state.pa.us/forestry/stateforestmanagement/Certification/index.htm>

**Statewide Forest Resource Assessment**

<http://www.dcnr.state.pa.us/cs/groups/public/documents/document/dcnr_007864.pdf>

**TNC priority forests**

(need to locate)

 **NALCC studies**

aquatic habitat (TNC)

<http://nalcc.databasin.org/datasets/96d5753f5751420dac929c9d32906e99>

freshwater stream resilience

<http://nalcc.databasin.org/datasets/02afd711077948aebd41c3429de4d408>

Terrestrial habitat

<http://nalcc.databasin.org/datasets/20f6caffbec545c29b7e391f934e2651>

<http://nalcc.databasin.org/galleries/012067d1312f463b9c0a7aa1d594b887>

**ETPBR LCC Surrogate Species list and ORBFHP priority areas maps**

<http://fishhabitat.org/sites/default/files/www/ORBFHP%20RFP%20Attachement%202016.pdf>

**Efforts now underway but for which data is not currently available**

(but we might want to recruit project leads to our consultation discussions)

Delaware River Watershed Initiative (DRWI) Monitoring

<http://www.ansp.org/research/environmental-research/projects/watershed-protection-program/monitoring/>

Land cover mapping and aquatic systems modeling in the Delaware River Basin

<http://drbproject.org/about/>

Shippensburg U is undertaking

Aquatic research of the Academy of Natural Sciences

Multiple stressor index of biotic integrity

<http://www.ansp.org/research/environmental-research/projects/watershed-protection-program/research-projects/>

Influence of adventive streams on water quality

<http://www.ansp.org/research/environmental-research/projects/watershed-protection-program/research-projects/>

Lentic macroinvertebrate indicators

<http://www.ansp.org/research/environmental-research/projects/watershed-protection-program/research-projects/>

Susquehanna/Chesapeake watershed

High resolution land cover data (1m) for the Susquehanna/Chesapeake watershed (May 2016) Chesapeake Conservancy

Hydrologically enforced elevation models Chesapeake Conservancy and USGS

Flow accumulation modeling Chesapeake Conservancy; TNC may partner

Freshwater systems research and expertise of the Stroud Center

<http://www.stroudcenter.org/research/projects/index.shtm>

<http://www.stroudcenter.org/research/groups/index.shtm>

**North Atlantic Aquatic Connectivity Collaborative (NAACC)**  (per e-mail from Michele DePhilip)

**Purpose:** To develop a common culvert survey protocol and regional culvert database to aid in the identification and selection of aquatic connectivity restoration projects; this project will update the 2011 Northeast Aquatic Connectivity project by incorporating culverts as well as dams.

**Funder:** North Atlantic LCC with Hurricane Sandy mitigation funds.

**Time Frame:** will be completed September 30, 2016

**Who:** Erik Martin and Jessie Levine (NY)

**NALCC RCOA**

**Tools**

Delaware Watershed Streamhiker

<https://github.com/ANSDU-Patrick-Center/StreamHiker>

Chesapeake Watershed

Watershed Delineation Tool, Conservation Opportunities Tool, Landcover Viewer, Change Analysis Tool, and Viewshed Analyzer

<http://www.chesapeakeconservancy.org/apps/>

Conservation Toolbox

<http://www.chesapeakeconservancy.org/apps/ConservationToolbox/>