

July 23, 2018 DVRPC Philadelphia, PA

Agenda

- 10:00 AM: Welcome & Introductions
- 10:15 AM: Fact Sheet Review
- 11:00 AM: Update on Help Desk
- 11:15 AM: Updates from Work Group Members
- 11:55 AM: Meeting Wrap Up and Evaluation
- 12:00 PM: Lunch

Welcome & Introductions

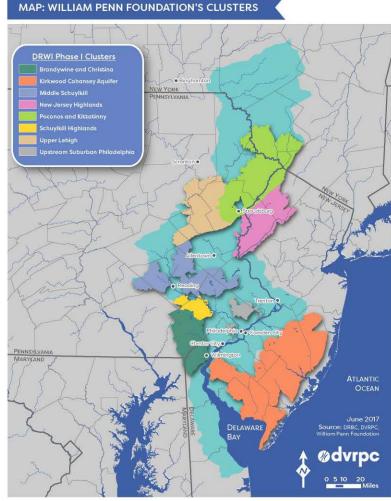
What is the DRWI Data, GIS, and Modeling Work Group?



Delaware River Watershed Initiative (DRWI)

www.4states1source.org





Work Group History

- Convened by Matural in 2016
- Conducted survey of group in Dec 2016-Jan 2017
- DVRPC applied for WPF funding in July 2017
- Approved at WPF's November 2017 Board Meeting
- Approved by DVRPC's Board in December 2017

Work Group Purpose

- The group will:
 - prioritize data needs,
 - share knowledge,
 - expand capacity, and
 - collaborate to provide technical mapping, modeling, and spatial analysis assistance to the William Penn Foundation's Delaware River Watershed Initiative

What will the DRWI Data/GIS/Modeling Work Group do?

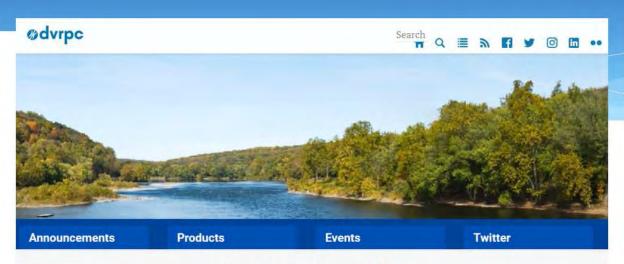
- Meet up to eight times (some virtual)
- Host up to four educational webinars





- Make maps for nonprofits doing work in the Delaware River Watershed
- Prioritize recommendations for additional Delaware River watershed data sets and/or modeling analysis, as well as future Work Group activity

https://www.dvrpc.org/waterquality/DataGIS/



About Us

Data and Products

Long-Range Plan and TIP

Transportation

Land Use and Environment

Water Quality Programs

Coastal Zone Management

DRWI Data and GIS Work Group

Municipal Water Quality Actions

Planning Assistance Center

Commuter Services

Get Involved

Data and GIS Work Group



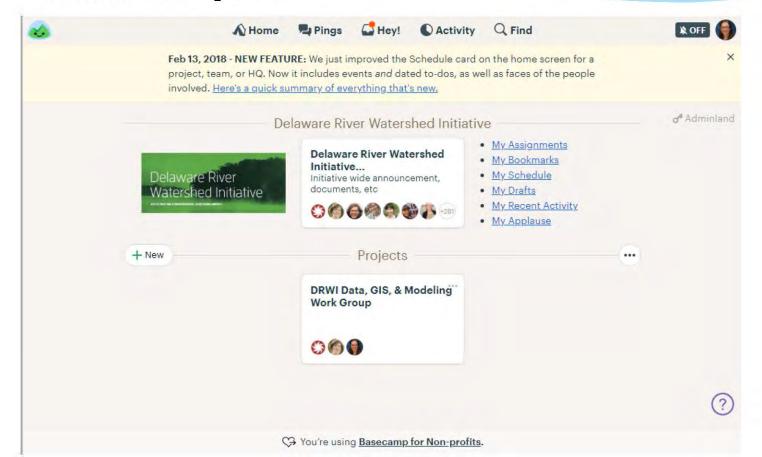


What does the Data and GIS Work Group do?

From January 2018 - December 2019, DVRPC staff will convene a Data and GIS Work Group for the Delaware River Watershed, which stretches across four states and provides drinking water to over 15 million people. The group will prioritize data needs, share knowledge, expand capacity, and collaborate to

Basecamp

www.basecamp.com



Stipends

Туре	\$ per meeting
Participating in Person	\$175
Participating Virtually	\$125

W-9 Form

- For non-governmental employees only
- Social Security Number (SSN) if the check should go to YOU
- Employer Identification
 Number (EIN) if the check should go to your
 EMPLOYER
- irs.gov/pub/irs-pdf/fw9.pdf

Form W-9

Rev. November 2017)
Department of the Treasury

Request for Taxpayer Identification Number and Certification

► Go to www.irs.gov/FormW9 for instructions and the latest information

Give Form to the requester. Do not send to the IRS.

	Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Business name/disregarded entity name, if different from above	
Print or type. Specific Instructions on page 3.	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only following seven boxes. Individual/sole proprietor or C Corporation S Corporation Partnership Trusingle-member LLC Limited liability company. Enter the tax classification (C-C corporation, S-S corporation, P-Partnership) ► Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the another LLC that is not disregarded from the owner single-member is disregarded from the owner single-member is disregarded from the owner single-member is disregarded from the owner should check the appropriate box for the tax classification of its owner.	cortain entities, not individuals; see instructions on page 3): Exempt payee code (if any) not check he LLC is code (if any)
See Spe		er's name and address (optional)
	7 List account number(s) here (optional)	
Par	Taxpayer Identification Number (TIN)	
backu reside entitie 77N, Is	your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid pp withholding. For individuals, this is generally your social security number (SSN). However, for a not alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other se, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a</i> ster. If the account is in more than one name, see the instructions for line 1. Also see <i>What Name and</i>	Social security number or Employer identification number

Part II Certification

Under penalties of perjury, I certify that:

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- 2.1 am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individent retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TiN. See the instructions for Part II, later.

Sign Signature of U.S. person

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ITIN), or employer identification number (ITIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- . Form 1099-S (proceeds from real estate transactions)
- . Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (fulfion)
- Form 1099-C (canceled debt)
- . Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

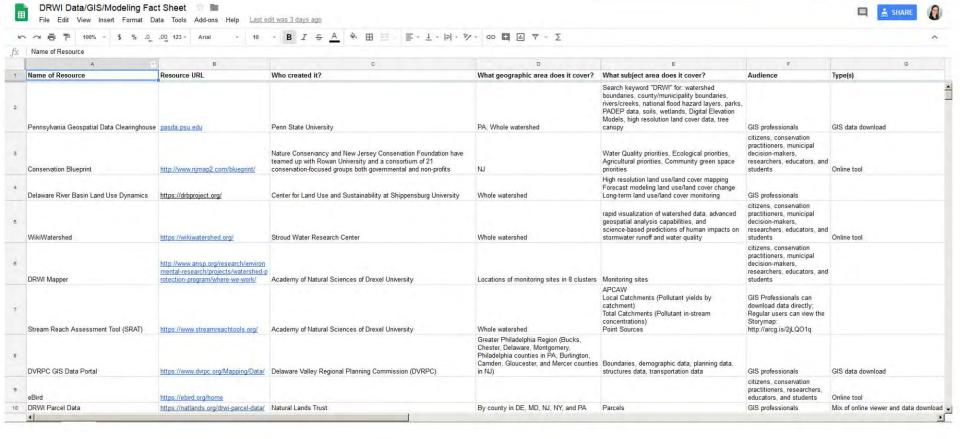
Introductions

- Your Name
- Your Title
- Your Organization
- What excites you most about this group

Fact Sheet Review

Fact Sheet

https://docs.google.com/spreadsheets/d/friMY-8AFHD5Rw217JbIDXwXAMt-OsDI4b1FjLPy8-Yz/edit#gid=0



Example Fact Sheets

Pratt Center for Neighborhood Development





DATA SOURCES

Neighborhood Tabulation Areas

NYC Department of City Planning [Description] [Data]

Total population in 2000 and 2010; Change in total population U.S. Census Bureau; Census 2000, Census 2010 (Link)

Number and Area PLUTO 2016, NYC Department of City Planning. [Link]

Elementary Schools, Middle and K8 Schools, High Schools, K12 Schools, Other School, All Schools Selected Facilities and Program Sites, 2017 Release, NYC Department of City Planning (Link)

New York City Police Department (Link)

Motor Vehicle Collisons

New York Police Department (Link)

School Capacity Data

Selected Facilities and Program Sites, 2017 Release, NYC Department of City Planning (Link)

Community Districts

New York City Department of City Planning [Link]

Median Household Income

B19013: MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2014 INFLATION-ADJUSTED DOLLARS

Universe: Households

U.S. Census Bureau; 2015 American Community Survey 5-Year Estimates | Link)

Number of Households

DP02: SELECTED SOCIAL CHARACTERISTICS IN THE UNITED STATES

U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates [Link]

Rent Burdened & Severely Rent Burdened Households

B25070: GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS

Universe: Renter-occupied housing units

U.S. Census Bureau; 2011-2015 American Community Survey 5-Year Estimates [Link]

Percent Hispanic

B03002: HISPANIC OR LATING ORIGIN BY RACE

Universe: Total population

U.S. Census Bureau: 2011-2015 American Community Survey 5-Year Estimates | Link

B03002: HISPANIC OR LATING ORIGIN BY RACE

Universe: Total population

U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates [Link]

B03002 HISPANIC OR LATINO ORIGIN BY RACE

Universe: Total population

U.S. Census Bureau: 2011-2015 American Community Survey 5-Year Estimates | Link

Percent White Non Hispanic

B03002: HISPANIC OR LATING ORIGIN BY RACE

Universe: Total Population

U.S. Census Bureau; 2011-2015 American Community Survey 5-Year Estimates (Link)

Percent Under 5 Years Old

BOTOOT: SEX BY AGE Universe Total population

U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates Link

Percent 5-19 Years Old

BOTOOT: SEX BY AGE Universe Total population

U.S. Cersus Bureau, 2011-2015 American Community Survey 5-Year Estimates [Link]

Percent 20-64 Years Old

BOTONT-SEX BY AGE

Universe Total population U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates (Link)

Percent Over 65 Years Old

B01001: SEX BY AGE

Universe: Total population U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates Link

Educational Attainment Less than a Diploma

B15003: EDUCATIONAL ATTAINMENT FOR THE POPULATION 25 YEARS AND OVER Universe Population 25 years and over

U.S. Census Bureau; 2011-2015 American Community Survey S-Year Estimates (Link)

Educational Attainment Less than a Bachelor's or Associate's Degree

B15003: EDUCATIONAL ATTAINMENT FOR THE POPULATION 25 YEARS AND OVER Universe Population 25 years and over

U.S. Census Bureau; 2011-2015 American Community Survey 5-Year Estimates (Link)

Percent Unemployment

B23025: EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER

Universe: Population 16 years and over

U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates [Link]

Commute longer than 45 minutes B08303: TRAVEL TIME TO WORK

Universe: Workers 16 years and over who did not work at home

U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates Link

Parks larger than 8 acres

NYC Department of Parks and Recreation (Link)

Bike Lanes

NYC Department of Transportation (Link)

Truck Routes

NYC Department of City Planning (Link)

Job Locations and Number of Workers

U.S. Census Bureau, OnTheMap (Lir

Supermarkets over 10,000 Square Feet

ReferenceUSA Online Database | Link

Commercial Uses

PLUTO 2016, NYC Department of City Planning (Link)

PLUTO 2016, NYC Department of City Planning (Link)

Remediation Sites

NYS Department of Environmental Conservation [Link]

Chemical Bulk Storage

NYS Department of Environmental Conservation (Link)

Sewer Backup and Street Flooding Data

311 Service Requests (Link)

ArcGIS Hub

Additional Resources



City of Raleigh Strategic Plan



FY2017 Year-End Performance Report



Community Survey Report



City of Raleigh Open Data

Interact and Learn

Apps provide simple access to information and tools for citizens to understand your community. We recommend exploring the apps below for helping engage around specific goals and initiatives - as well as encourage people to create their own stories and apps using the API and ready to configure apps.



New Parking App Can be Used at On-Street Meters Along Hillsborough Street



The Special Events Office Coordinates Races, Events & Block Parties



Gigabit Fiber Construction in Raleigh



Interactive Transportation Project Map

ArcGIS Hub



Loudoun GeoHub - Planning

GeoHub Data Catalog

Participate in developing a New Comprehensive Plan to make Loudoun County an even better place to live, learn, work, play, visit, shop, and raise a family.

LOUDOUN our county . our future

New Comprehensive Plan: Envision Loudoun

Smart Planning Apps



Demographic Trends

Visualize Population Changes Between 2000 and 2015



Zoning

Revised 1993 Zoning Ordinance



Residential Communities

Explore Development Status, Acreage, and More



Existing and Potential Development

EPD Tool

Explore More Apps

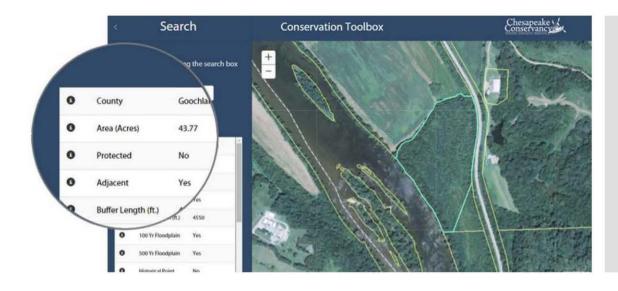
Open Data

Enter a keyword or keywords, such as "zoning" or "parcels"

Chesapeake Conservancy

center/web-application-products/





Web Application Products

Precision conservation—projects at the right place, the right scale, the right scale, the right size, the right time, and making sure they are working—is going to redefine how landscape conservation is approached. Instead of sweeping acquisitions or all-encompassing legislation, we can use the latest high-resolution datasets to conduct advanced geospatial analysis that allows us to better target and implement on-the-ground a...

Feedback? Thoughts? Comments?

- What's more useful: digital or paper?
- Which examples do you like best?
 - Pratt:
 <u>http://www.prattcenter.net/sites/default/files/n</u>
 <u>dp_data_sources_2017.pdf</u>
 - ArcGIS Hub
 - Chesapeake Conservancy
 - Something else?
- Any datasets/resources that are missing?

Update on Help Desk

What types of maps/modeling will be requested?

 furthering and supporting implementation of the DRWI Phase 2 Cluster Plans

"Help Desk" Overview

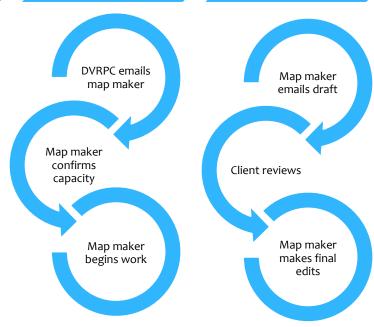




Map is made

Map is delivered

Map maker is paid

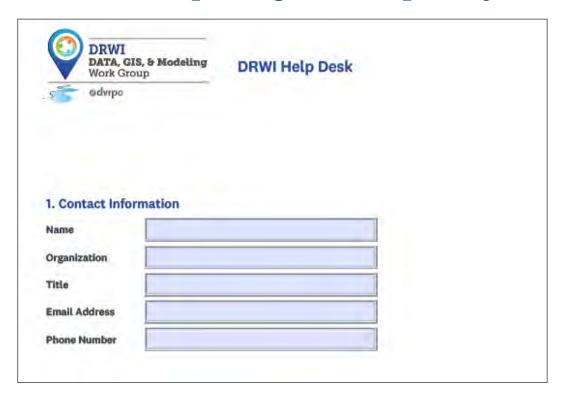


Call for Submissions is out

TENTATIVE TIMELINE	
Call for Submissions Opens:	July 2, 2018
Deadline for Questions:	July 23, 2018, 1:00 PM EST
Deadline for Submissions:	July 27, 2018, 3:00 PM EST
Anticipated Selection of GIS professionals:	August 6-10, 2018

Help Desk Request Form is live!

https://www.dvrpc.org/waterquality/DataGIS/



Who can ask for maps?

- anyone who is a member of the DRWI Basecamp group (~290 people)
- anyone who works for an organization that is represented on the DRWI Basecamp (even if that person is not a Basecamp member)
- organizations whose logos are shown on http://4states1source.org/about/#partners

Delaware River Watershed Initiative Partners







































































































Updates from Work Group Members

Updates

- Anything you would like to share with the group?
 - Projects
 - Data Sets
 - Opportunities for coordination
 - Questions
 - Upcoming events of interest
 - Job Openings

Meeting Wrap Up & Evaluation

Meeting Evaluation

Evaluations



Meeting Date: April 9, 2018

	Help us find out what wor	rked a	and wi	nat did	n't wo	rk abo	ut today's meeting
1.	Please rate the overall qua	lity	of th	e Wo	rk Gi	oup	meeting.
		1	2	3	4	5	
	Low quality	C	0	0	C	0	High quality
2.	Was the Work Group mee	_	_			our	time?
		1	2.	3	4	5	
	Not a valuable use of my time	0	c	C	C	C	Excellent use of my time
3.	What did you like best abo	out t	heW	ork (Group	me	eting?
4.	What could have been im	prov	red al	bout	the W	ork (Group meeting?
5.	What could have been important the group's objectives?						
5.	Do you have suggestions the group's objectives? Would you be able to atter	for t	he W	Jork (Grouj	o thai	t would help us achieve
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Please join us for lunch!

Thank you!

https://www.dvrpc.org/waterquality/DataGIS/

For more information, contact:

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carlt@dvrpc.org

215-238-2890