

GOVERNMENT EXPENDITURE IN THE ENVIRONMENTAL SECTOR

A LOOK AT THE DELAWARE
RIVER BASIN & FINANCES

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MPP 2021



WHO WAS INVOLVED:



William Penn Foundation



**Environmental Analysis &
Communications Group**

WHAT WAS THE GOAL?

To study:



Delaware River Basin

Land and water protection programs

From 2014 - 2019

Outline of Delaware River Basin >>>



METHODOLOGY



1. Identify & contact funders



2. Data collection



3. Data organization and cleaning



4. Repeat steps 2 & 3 until desired outcome is reached



5. (Future) Analysis

1. IDENTIFY AND CONTACT FUNDERS

Who:


- Federal money = government entities
 - + foundations, nonprofits, & other organizations

How contacted:

- Emails
- Phone calls
- Zoom conferences

2. DATA COLLECTION

- Government budgets
 - Geographic location of money spent (GIS)
 - Other funding partners & matching sources
-
- Filed in “Raw Data” folder

Name
 373 - Schuylkill River Greenway Association
 365 - NY - Schoharie County Soil and Water Conservati...
 336 - PA - Pike County Conservation District
 300 - NJ - Ocean County
 295 - PA - Northampton County Conservation District
 266 - DE - New Castle County
 235 - PA - Montgomery County
 381 - DE - Department of Agriculture - Aglands Preserv...
 232 - PA - Monroe County
 231 - NJ - Monmouth County
 200 - PA - Lehigh County Conservation District

3. DATA ORGANIZATION & CLEANING

ID

OrgName

OrgDeptDivSub-agency

OrgSub-DeptDivProgram

Address

City State (Combo55) Zip

County (Combo57)

URL

Org Type (Combo59)

WPF_ResearchStaff (Combo49)

ContactTable

ProjectImplementer (Combo45)

DataRequestStatus (Combo51)

DataRequestNotes

ProjectFunder (Combo53)

DataRecd

RawDataFileName

DataHyperlinkGIS

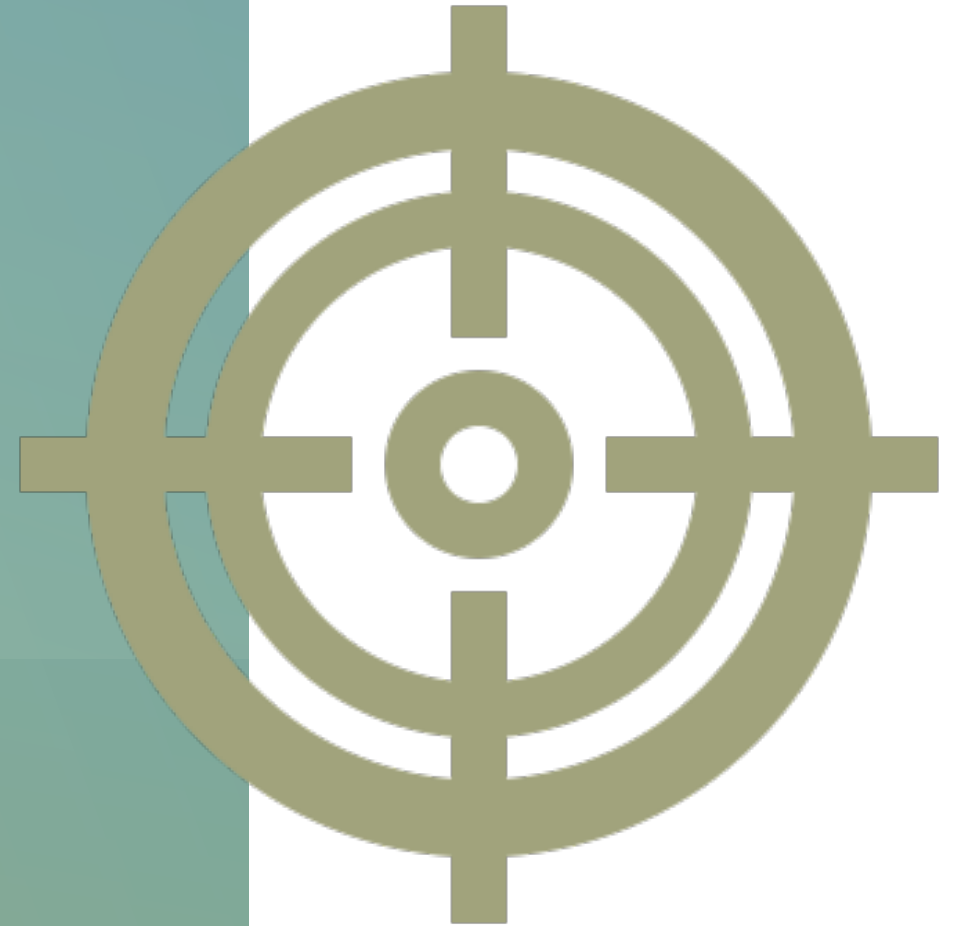
OrgNotes

ContactID	FirstName	LastName	Title
* (New)			

- Microsoft Access Database
- Specific info to “clean”
 - Implementer?
 - Data request status?
 - Funder?
 - Other important info?

4. REPEAT
STEPS 2 & 3
UNTIL DESIRED
OUTCOME IS
REACHED

CHALLENGES...



MAIN CHALLENGES

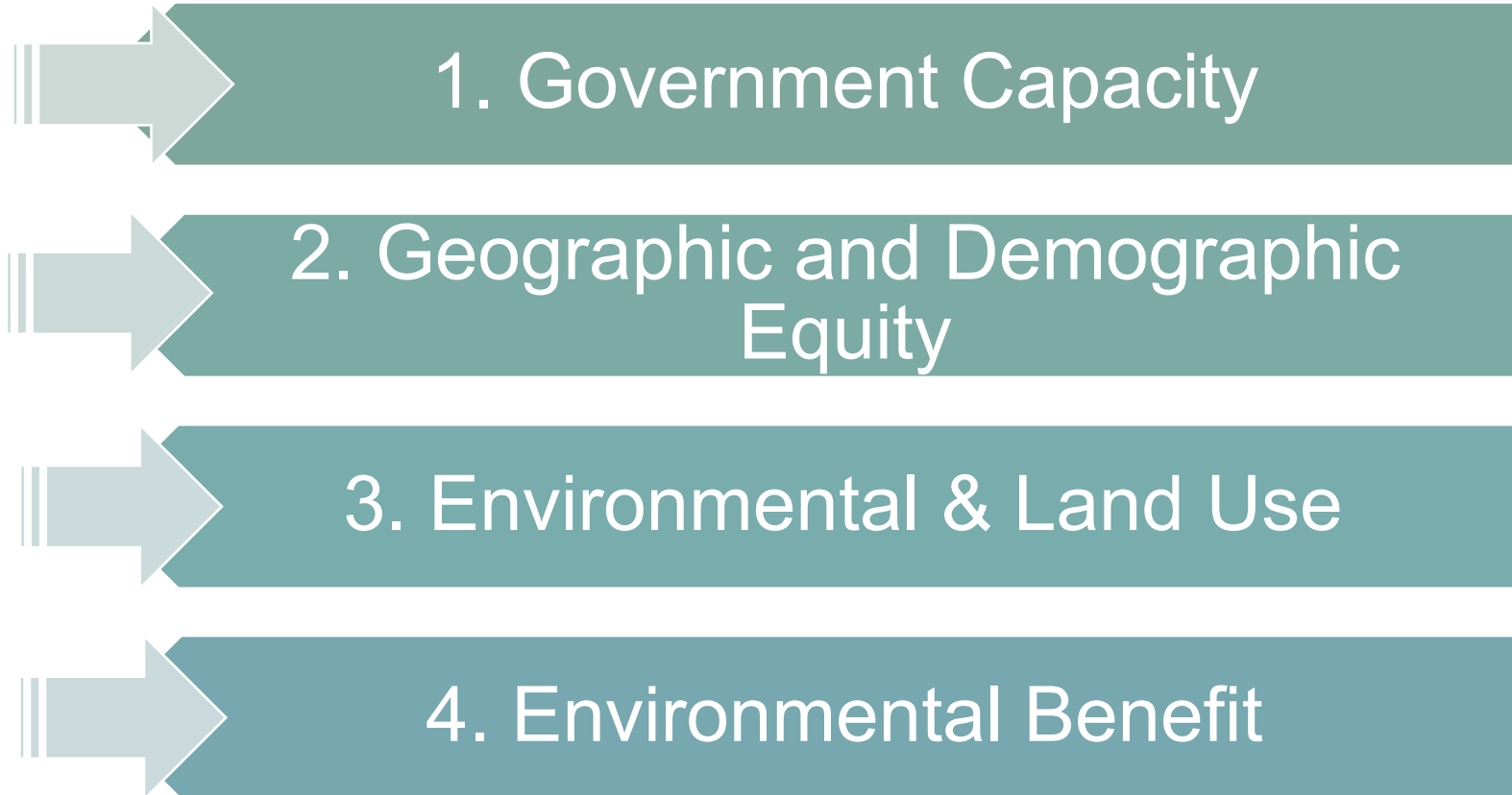
COVID Pandemic

- No one in offices – “Can you wait until February 2021 when my building reopens?”
- Localities too busy – “I’m sorry, we are in crisis mode and won’t be able to assist.”
- Furloughs, lay offs – “The person you are trying to reach is no longer employed here.”

Other issues

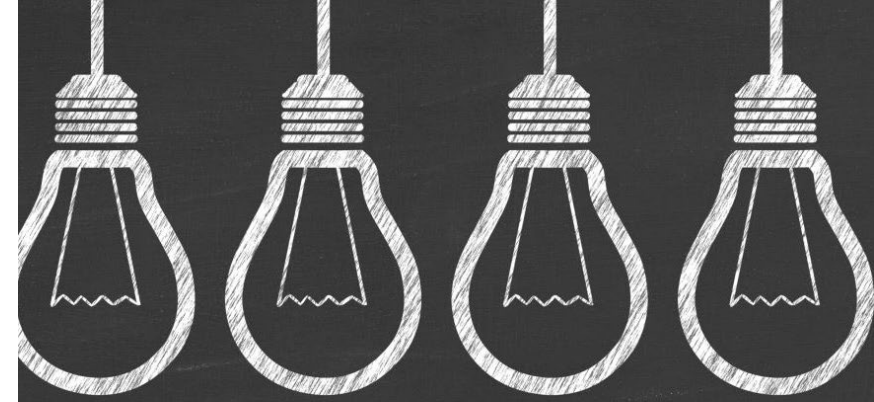
- Differences in how data is filed
- Communication – misunderstanding our research

5. (FUTURE) ANALYSIS

- 
1. Government Capacity
 2. Geographic and Demographic Equity
 3. Environmental & Land Use
 4. Environmental Benefit

EXPERIENCE TAKEAWAYS

- Saw a large, complicated research project nearly start to finish
- Consulted on nearly every facet of project
- Experienced remote research
- Learned database organization and creation
- Developed query-running skills
- NETWORKED



Thank you!