Dam Removal Funding Symposium
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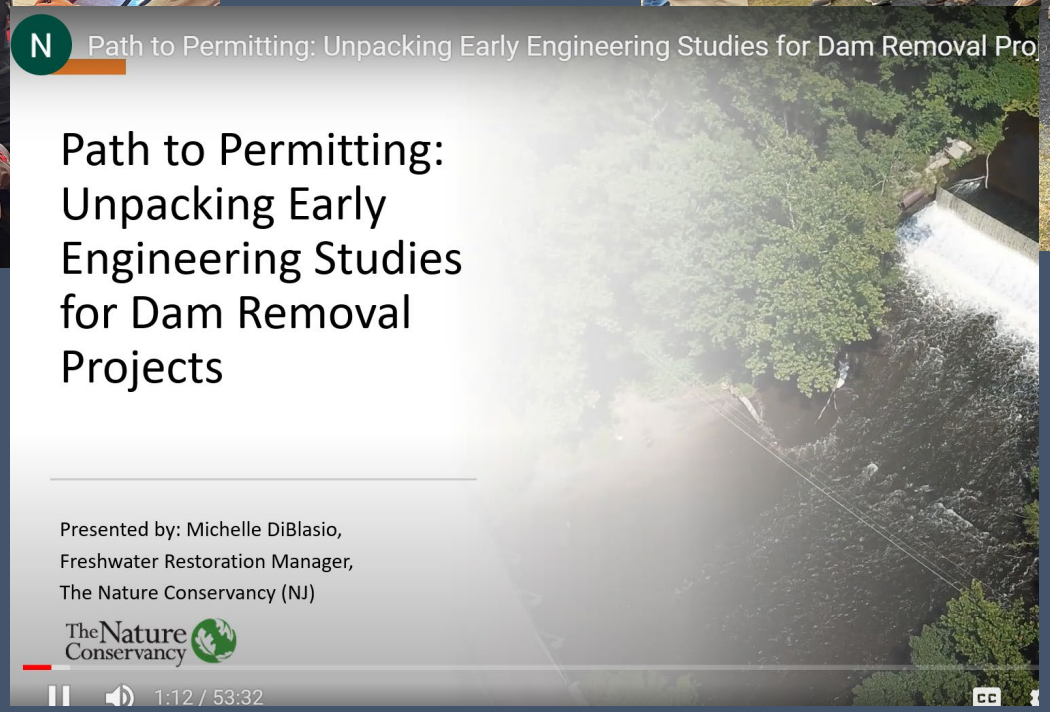
Decision-making for systems uplift.

1. Ecological Reasons (Miles opened, species present/potential, habitat uplift
2. People Reasons – Socioeconomic, Public Safety, Flood Reduction
3. Apply an Equity Lens

Name	Gain Miles	NCWC_tier	Height	Length	Hazard	Condition	Trout	EJTract	EJTribal	BarrierOw
Houvenkopf Club Dam	-1.0	-1	8	60	Unknown	Unknown	yes	no	yes	Private
New Jersey No Name # 24 Dam	36.0	1	14	750	Unknown	Dam breached	not recorded	no	no	State
Pleasant Valley Mill Dam	24.9	2	13	300	Unknown	Unknown	yes	no	no	Local governr
Franklinville Lake Dam	24.4	2	8	800	High	Poor	not recorded	no	no	Local governr
Hanover Lake Dam	28.4	2	9	400	Significant	Unknown	not recorded	no	no	Federal
Mt. Misery Dam	27.4	2	10	660	Low	Unknown	not recorded	yes	no	Private
Oakford Lake Dam	32.1	3	8	165	Low	Fair	not recorded	no	no	Local governr
Vincentown Mill Dam	38.1	3	12	400	High	Satisfactory	not recorded	no	no	Local governr
New Jersey No Name # 103 Dam	24.1	3	6	4200	Unknown	Unknown	not recorded	no	no	State land
Cranes Lake Dam	20.2	3	10	1050	Significant	Satisfactory	not recorded	no	no	Regional land
New Brooklyn Dam	25.1	3	9	212	Significant	Poor	not recorded	no	no	Local governr
Hamden Mill Pond Dam	57.4	4	4	100	Unknown	Dam breached	yes	no	no	State
Vliettown Dam	27.2	4	10	900	Unknown	Unknown	yes	no	no	Private
Clove River Dam	51.4	5	28	300	High	Fair	not recorded	yes	no	Local governr
Lake Cushetunk Dam	32.3	5	20	594	Significant	Fair	yes	no	no	Local governr
Sallys Pond Dam	5.6	8	15	250	High	Fair	yes	no	yes	State
Long Pine Pond Dam	0.6	10	16	410	Low	Unknown	yes	no	no	Federal
Bridgepoint Dam	0.0	20	15	660	Significant	Satisfactory	not recorded	no	no	Local governr
Total Potential Miles	455.2									
Total Potentail Cost	$54M									

Barriers to Scaling: Technical Expertise

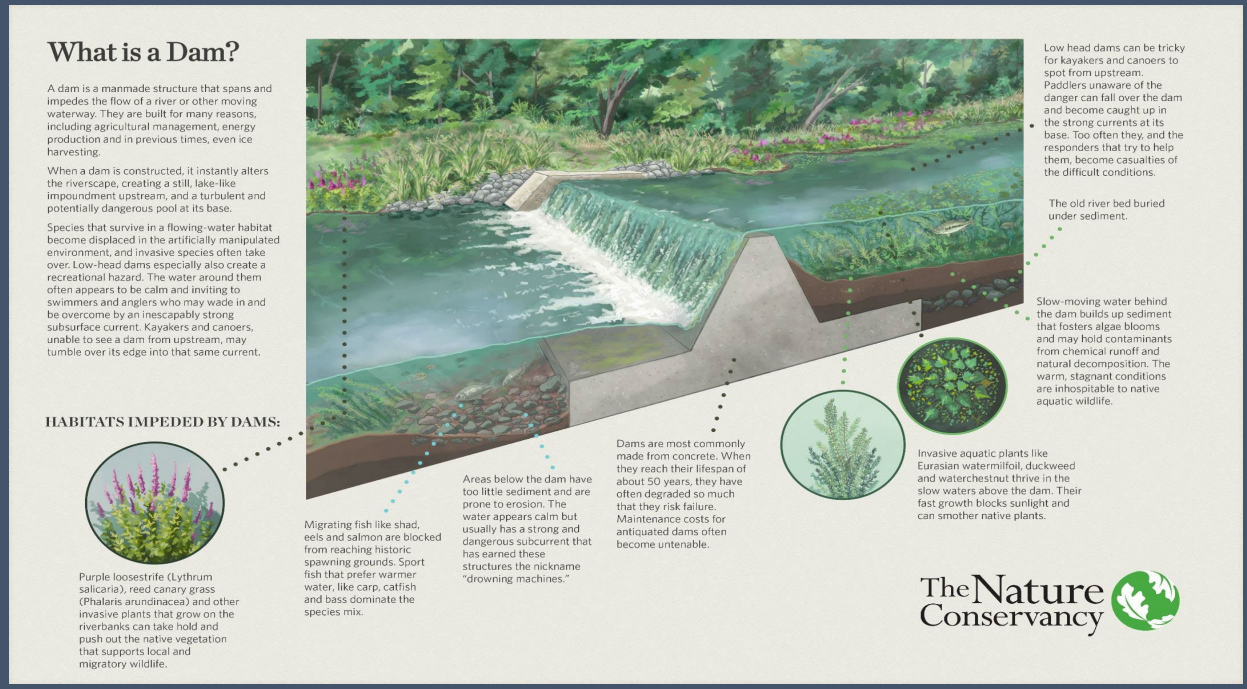
Training, Coaching, Webinars

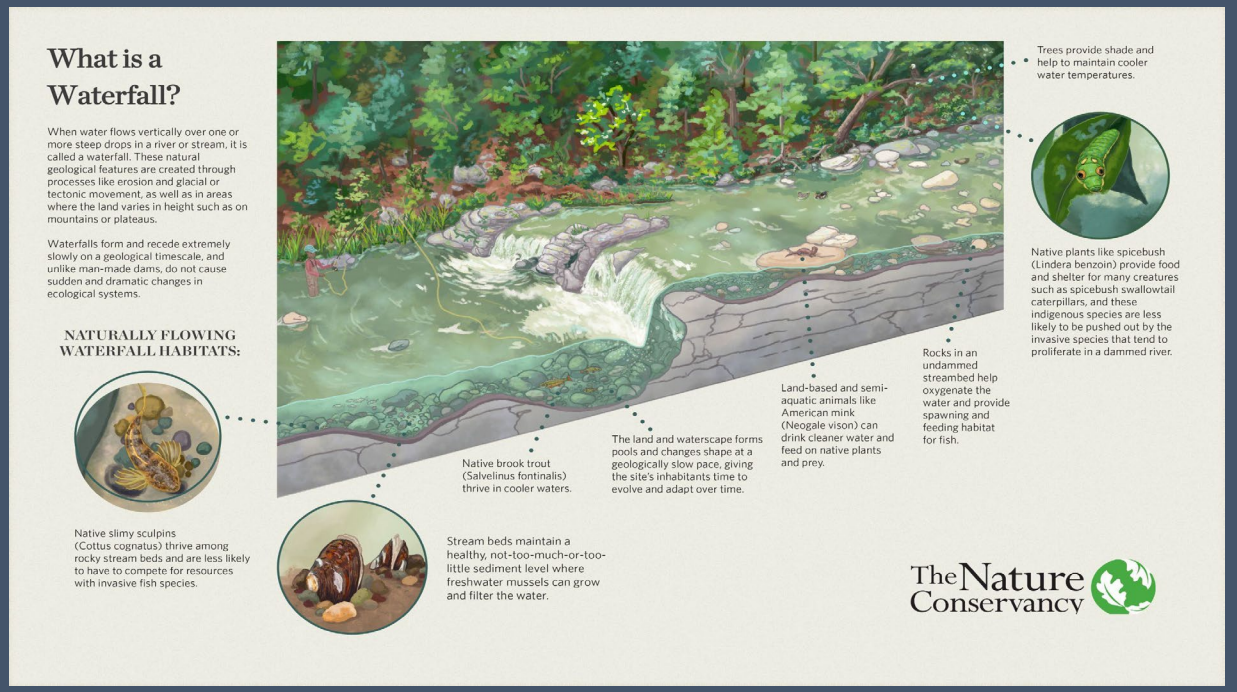


80 Project Manager Trainees
40 Fish Passage Trainees
18 Webinars Produced

Barriers to Scaling: Awareness

- ✓**Targeted Outreach to** (Private Landowners, Municipalities, Counties, FEMA, DOT)
- ✓**Research** - Incorporate flood analysis into decision making, specifically in EJ and/or overburdened communities
- ✓**Research** - Scientific Data Collection (eDNA, freshwater mussels)
- ✓**Influence Policy**





Barriers to Scaling: Funding

1. Stepwise Funding
2. Insufficient support for early stages

Solutions:

1. More packaged funding would address:
    - staffing constraints
    - watershed scale coordination
    - Efficient scoping and pre-feasibility

2. Better funding for early stages

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Mechanism: Address bottlenecks – TNC Appalachians:

Scalable model of teams fully focused on dam removals.

Benefits:

- Improve **labor, time, and cost efficiencies** for all stages of dam removal
- Increase rate of **shovel-ready projects** and ability to plan at **watershed scale** through more systematic pre-feasibility work
- **Address needs** of groups who would like to advance dam removal but have insufficient labor

Mechanism TNC's Appalachians Program is advancing to address bottlenecks (con't)

3.) Design **operating systems** to deliver project management and engineering services

4.) Provides a mechanism for efficient, **blended public-private dam removal funding**

5.) TNC's Nature for Water Facility provides a **successful model** of such a mechanism

6.) Plans for the coming year: Develop a business case that includes: (1) targeted outcomes, (2) team arrangement, (3) capitalization/funding, (4) services/products on offer, and (5) systems.

Thank you.

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