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NFFA Webinars Hosted By

Natural Floodplain Functions Alliance (NFFA)
BIMONTHLY WEBINAR SERIES PRESENTS:

The Naturally Resilient Communities Project: Siting Guide & Case Studies Mainstreaming of Natural Infrastructure

Nathan Woiwode
Project Manager
The Nature Conservancy

May 18, 2017
2:00pm – 3:30pm CT

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AGENDA

1. NFFA Federal Updates (15 min):
   - WOTUS (Jeanne Christie)
2. Quarterly Webinar Topic (45 min):
   - The Naturally Resilient Communities Project: Siting Guide & Case Studies Mainstreaming of Natural Infrastructure (Nathan Woiwode)
3. Webinar Q&A

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Photo courtesy of U.S. Fish & Wildlife Service

NFFA Update:
Waters of the United States (WOTUS)

Jeanne Christie
Executive Director
Association of State Wetland Managers
jeanne.christie@aswm.org

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Naturally RESILIENT Communities

The Naturally RESILIENT Communities Partnership

Representing:

- 3000+ county governments
- 38,000+ planners
- 17,000+ floodplain managers
- 150,000+ engineers
- On-the-ground work in all 50 states

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Our Goal: Mainstream the Use of Nature-Based Solutions to Flooding

Cape May, New Jersey

Seawall at Galveston, Texas

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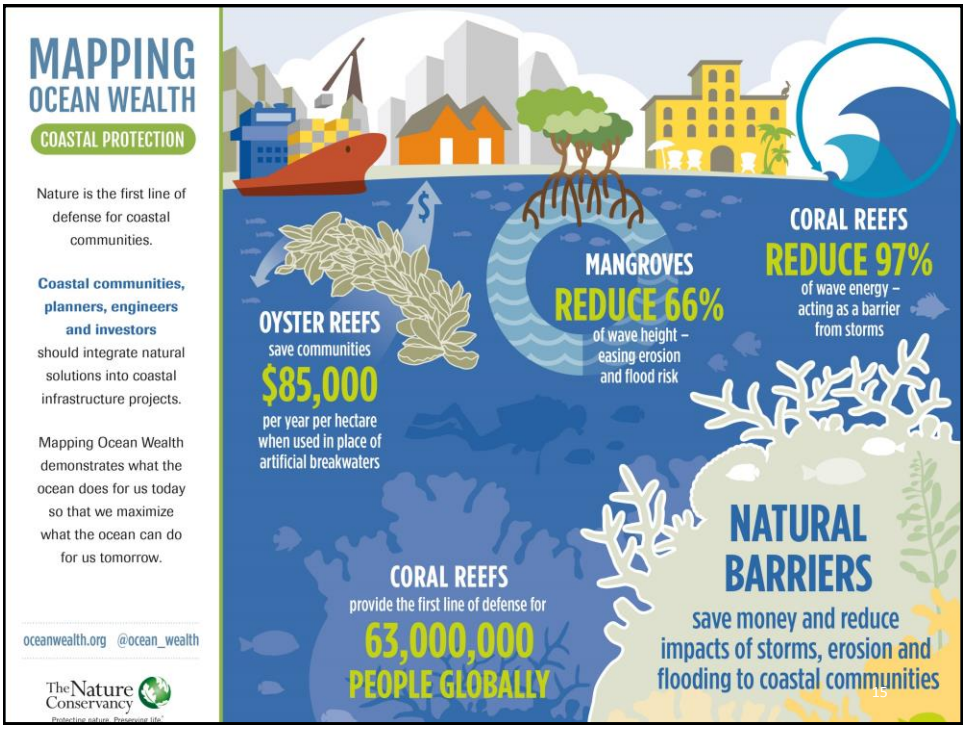

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WHY NATURE-BASED SOLUTIONS?

Smart nature-based solutions give communities high returns on their investments in flood risk reduction strategies. They provide:

- Healthier Environments
- Improved Social Ties
- Healthier Communities
- Stronger Economies

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Naturally RESILIENT Communities: Three Case Studies

Project GreenShores
Pensacola, FL

Greenseams Program
Milwaukee, WI

Riverfront Park
Nashville, TN

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Project GreenShores: Pre and Post Hurricane Ivan

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Wauwatosa, WI – Late 90's

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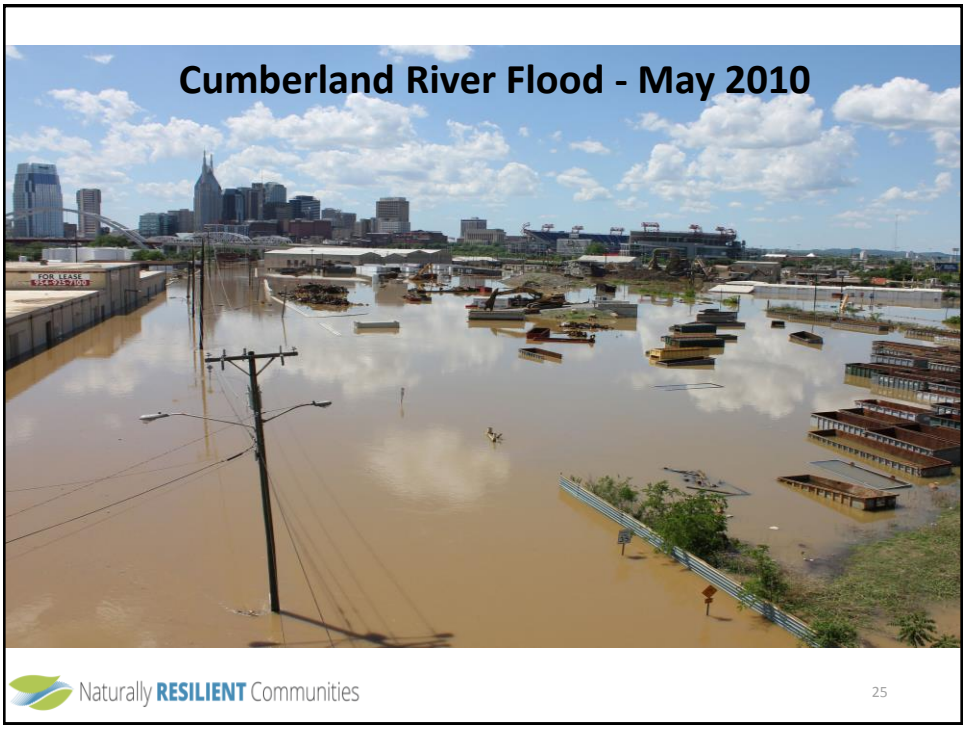

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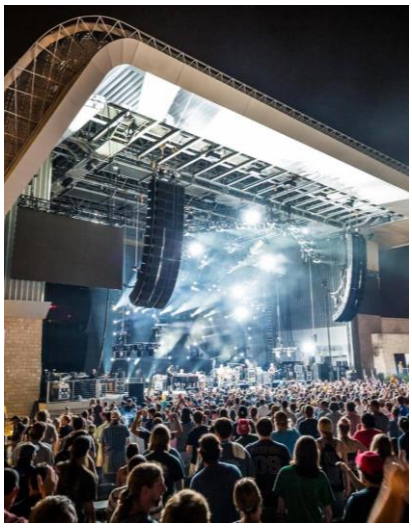

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Three Important Questions

- Who makes the decision to pursue a nature-based project?
- What are their needs/challenges?
- What information can we provide to help them be successful?

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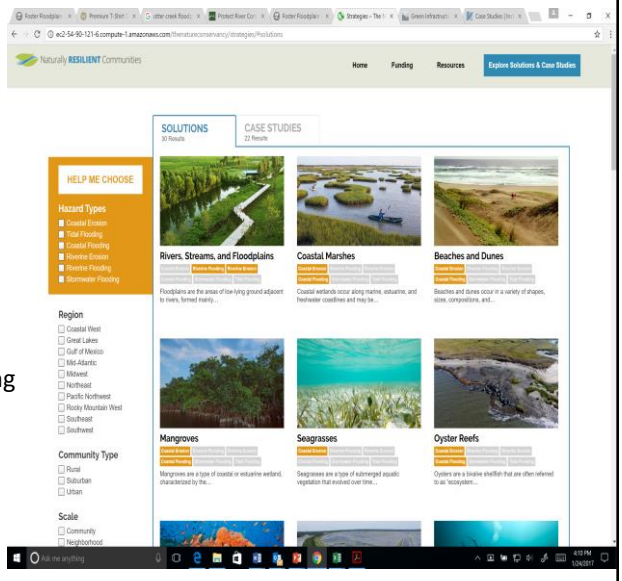
30 Strategies

- Natural Systems
  - e.g. Oyster reefs
- Habitat Restoration
  - e.g. Floodplain restoration
- Stormwater Infiltration
  - e.g. Bioswales
- Land use planning
  - e.g. Planning and Zoning
- Infrastructure Adaptation
  - e.g. Flood friendly culverts



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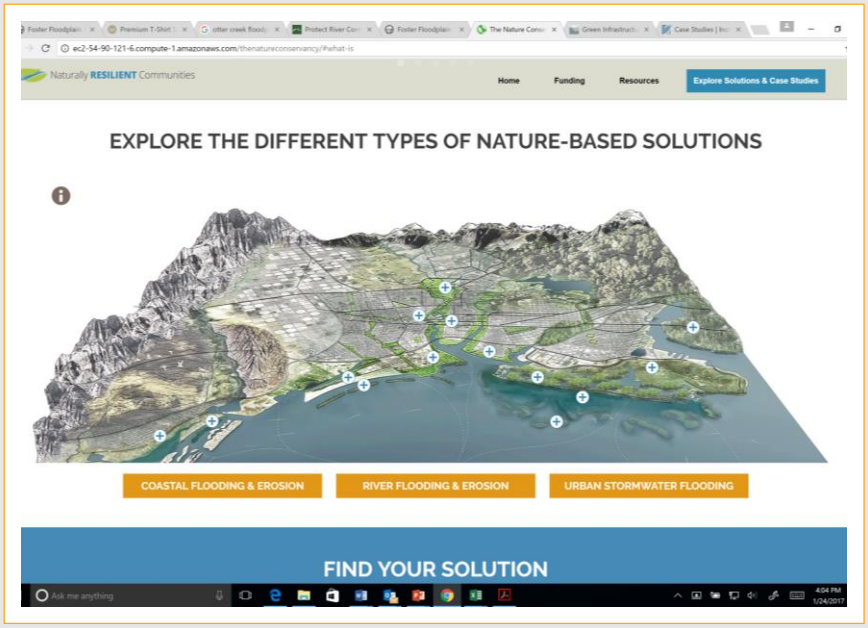

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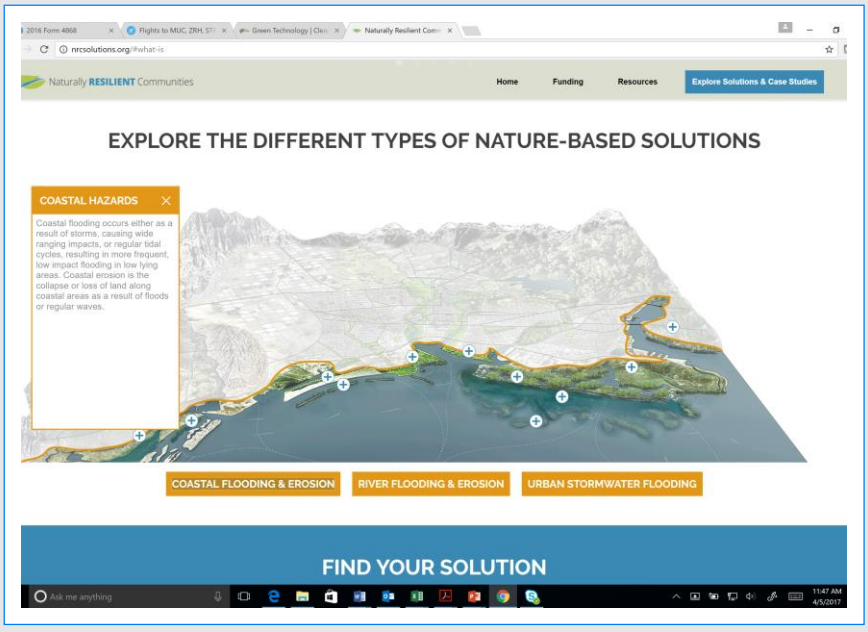

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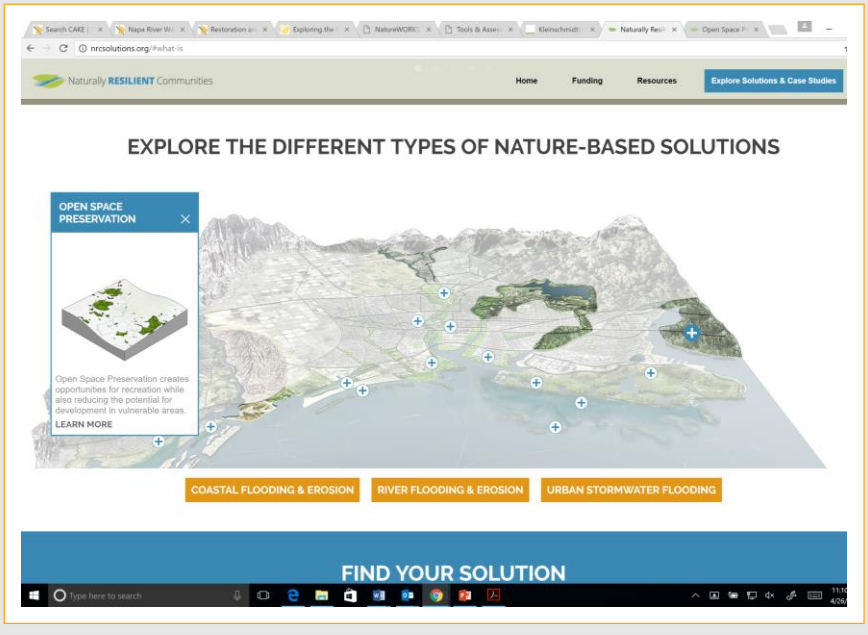

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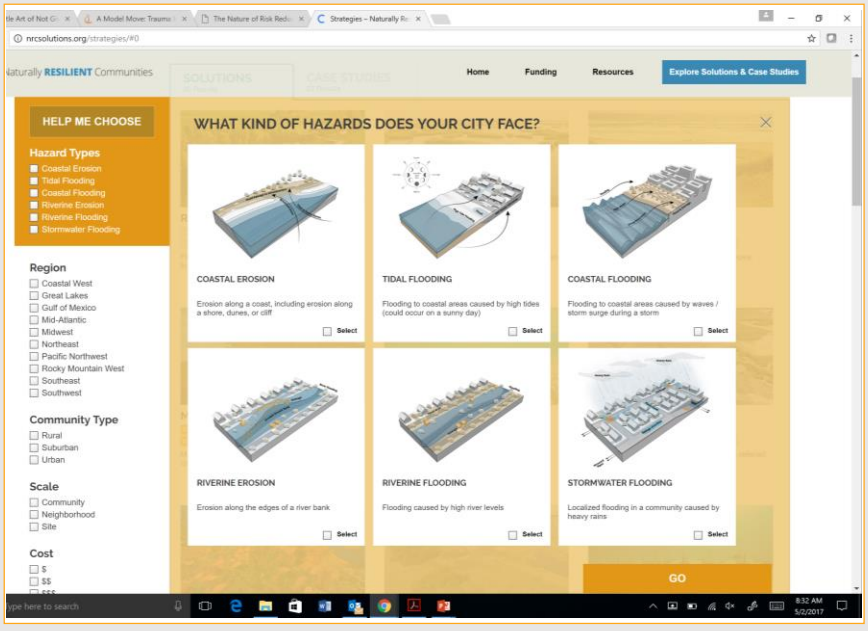

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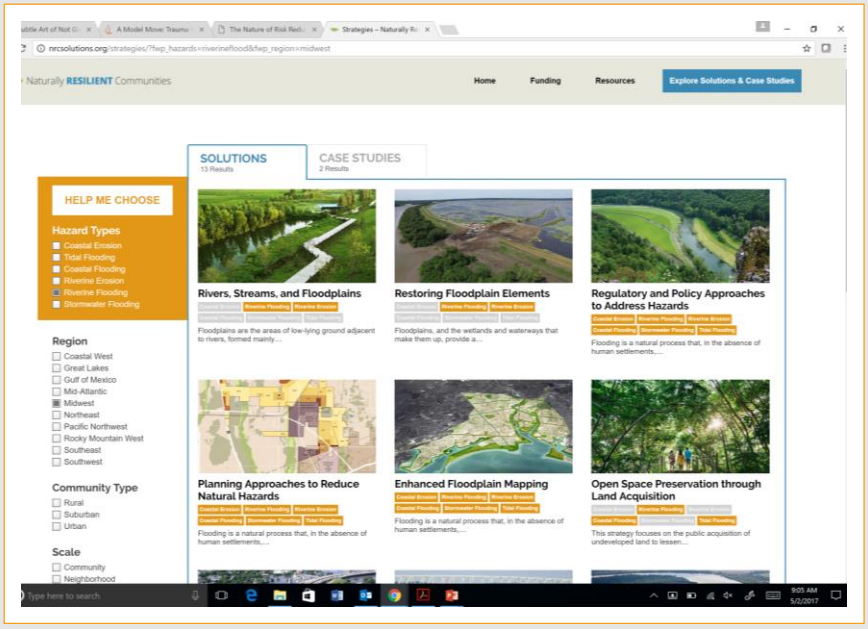

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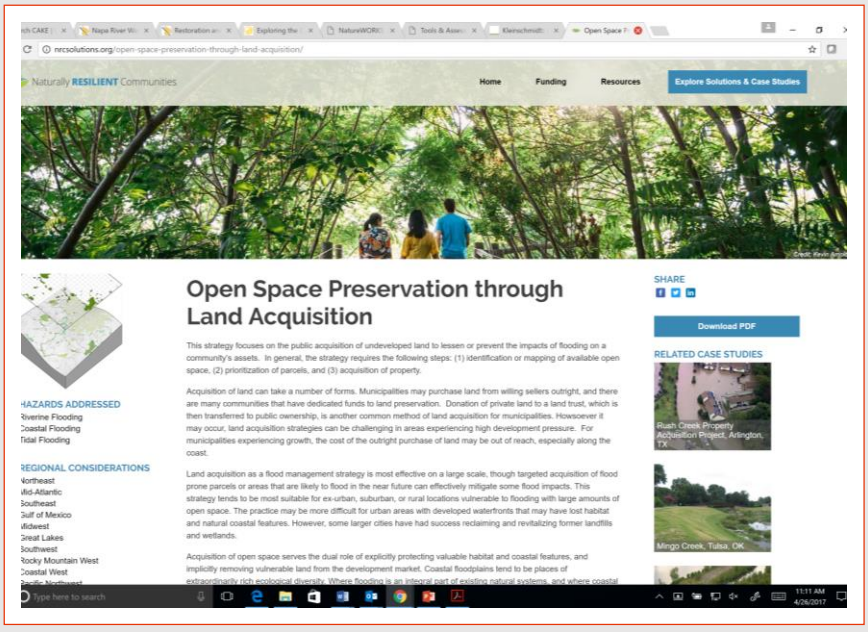

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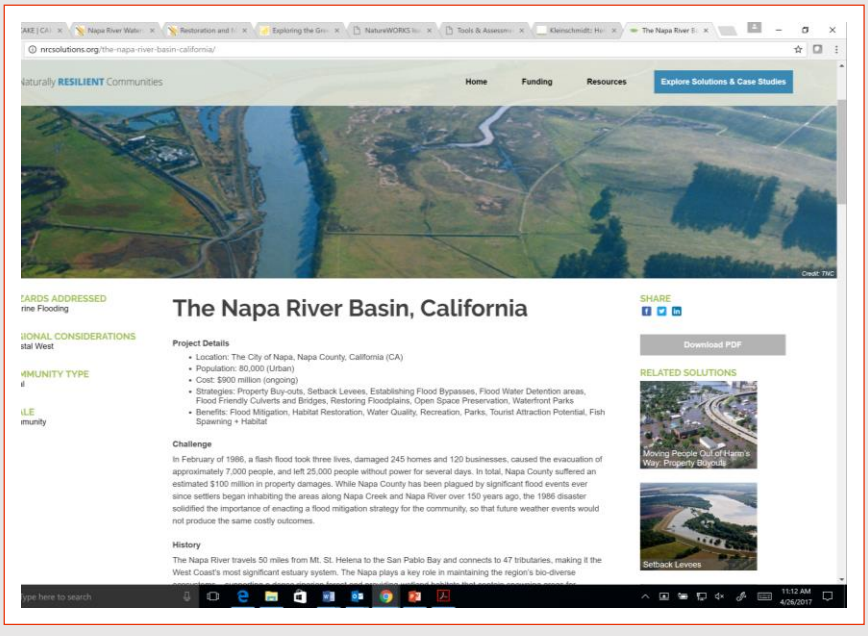

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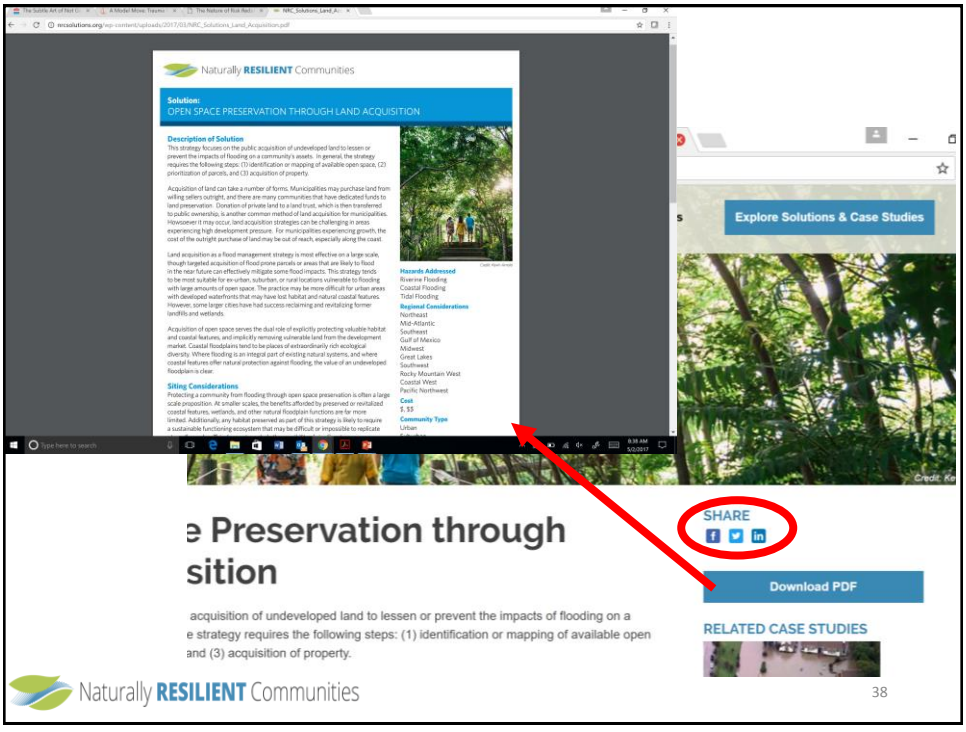

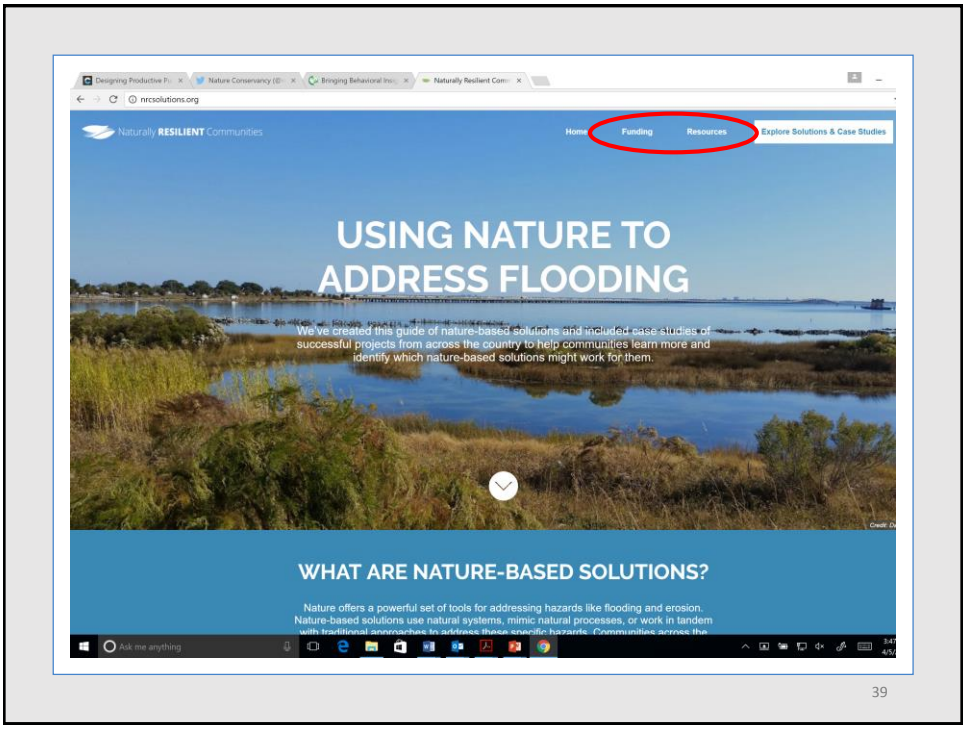

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Planning Information Exchange (PIE)
QUARTERLY WEBINAR SERIES PRESENTS:

Naturally Resilient Communities

May 30, 2017 | 1:00 – 2:30pm
Registration: http://bit.ly/1FRXBhXCT





Nate Woiwode (The Nature Conservancy), Katie Hagemann (Miami-Dade County Office of Resilience), Karen Sands (Milwaukee Metropolitan Sewerage District), Jacob Pedersen (Pierce County, Washington), and Jill Dixon (Sasaki Associates) will discuss how green infrastructure can play a crucial role in helping to reduce flood risk while providing a variety of additional benefits.

NFFA Webinars

Natural Floodplain Functions Alliance (NFFA) Webinars

http://www.aswm.org/watersheds/natural-floodplain-function-alliance

-**OR-**

http://bit.ly/243JqTp