Natural Infrastructure Opportunities Tool Case Study Development

PROBLEM

- Natural Infrastructure projects save more then $23 billion per year nationwide in storm protection costs
- There is a need for modern, user friendly evaluation tools to plan, collaborate on, and develop natural infrastructure projects
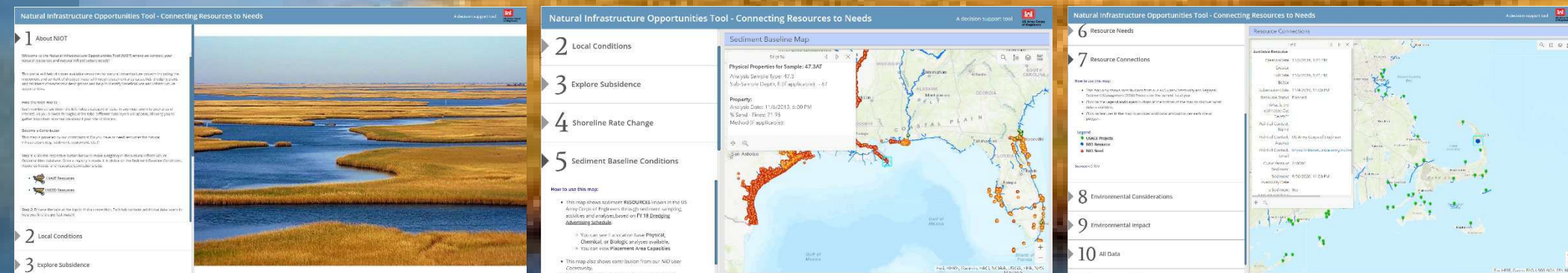
SOLUTION

- Natural Infrastructure Opportunities Tool (NIOT) focuses on identifying natural infrastructure and beneficial use opportunities
- Expand NIOT user base
- Develop a series of case studies to highlight NIOT's utility

IMPACT

- Increase use of tool for planning Natural Infrastructure projects
- Strengthen collaboration across Natural Infrastructure community including Caterpillar, The Nature Conservancy, Aecom, Great Lakes Dock and Dredge
- More efficient, cost effective, data informed Natural Infrastructure solutions

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APPLICATIONS

- Natural Infrastructure community can plan projects with increased efficiency and creativity
- Allows users to access and visualize more than 14 data sets at one time to inform project development
- Allows for new collaborations by connecting user groups

STATUS

- Currently integrating additional datasets
- Hosting workshop to develop collaboration and familiarize users
- Developing Coastal and Inland case studies

WHAT'S NEXT

With additional resources, we will incorporate interactive planning tools within the web-viewer.

BENEFITS

- Increase collaboration
- Improve project designs
- Increase efficiency and number of natural infrastructure projects implemented
- Increase cost saving to the Nation