

# CBP and Citizen Science Web presence : Project templates

Continued...

Peter Tango: Coordinator IMN WG

Melissa Merritt: Staffer

11/15/2017

# *Name Your Project, Get the Data you Want*

Examples



## North Carolina King Tides Project

Main Project Information

### Goal

Globally recognized template – Don't recreate the wheel.

### Task

Documenting high water events in North Carolina

### Where

Photograph high water and flooding events

North Carolina, United States of America

### Description

The North Carolina King Tides Project is an initiative to photo-document nuisance flooding events. We are looking for photos of high water levels driven by forces such as heavy rains, storms, wind, and king tides. These photos are valuable in helping communities understand what coastal flooding, and can help us visualize what a future of sea-level rise may look like. This data will be used for planning and spread awareness of local flooding impacts. Remember to be careful when taking photos. It is more important to us than any photo!

[Read More](#)

### How to Join

Submit a photo: <http://nckingtides.web.unc.edu/how-to->

### Website

### Id

### Spe

### Type of

### Training

### Class Mate

### Media Ment

### and Publicatio

### Tags

### Project Updated

[aquatic](#), [coast](#), [flooding](#), [hurricanes](#), [king tides](#), [ocean](#), [photos](#), [sea level rise](#), [storm surge](#), [tides](#), [water level](#)

06/06/2017

May 2017  
IMN WG was presented  
with and discussed  
Project templates



## North Carolina King Tides Project

### Main Project Information

Reminder of structure

Goal  
Task  
Where

Globally recognized template – Don't recreate the wheel.

Documenting high water events in North Carolina  
Photograph high water and flooding events  
North Carolina, United States of America

Description

The North Carolina King Tides Project is an initiative to photo-document nuisance flooding events. We are looking for photos of high water levels driven by forces such as heavy rains, storms, wind, and king tides. These photos are valuable in helping communities understand vulnerabilities to coastal flooding, and can help us visualize what a future of sea-level rise may look like. This data will inform community planning and spread awareness of local flooding impacts. Remember to be careful - your safety is more important to us than any photo!

[Read More](#)

How to Join

Interested participants can visit our website and simply submit a photo: <http://nckingtides.web.unc.edu/how-to-participate/taking-photos/>

Website

<http://nckingtides.web.unc.edu/>

Social Media

- [Facebook](#)
- [Blog](#)

Ideal Age Group

[Elementary school \(6 - 10 years\)](#), [Middle school \(11 - 13 years\)](#), [High school \(14 - 17 years\)](#), [College](#), [Graduate students](#), [Adults](#), [Families](#), [Seniors](#)

Ideal Frequency

Per month

Spend the Time

outdoors

Type of Activity

[In oceans, streams, rivers, lakes](#), [While fishing](#), [On a hike](#), [At the beach](#), [On a walk, run](#), [On a lunch break](#)

Training Materials

<http://nckingtides.web.unc.edu/plan-your-photo-shoot/>

Class Materials

<http://nckingtides.web.unc.edu/motions-of-the-ocean-lesson-plan/>

Media Mentions  
and Publications

- [Public Invited to Help Document King Tides](#)

Tags

[aquatic](#), [coast](#), [flooding](#), [hurricanes](#), [king tides](#), [ocean](#), [photos](#), [sea level rise](#), [storm surge](#), [tides](#), [water level](#)

Project Updated

06/06/2017



**FIND A PROJECT**

Find a location

enter a location

Select a topic

select a topic...

**CIT**

**US**

**LOC**

**project**

2016Data to Decisions MWMC T...

2017Cit Sci Why we need a web...

2016NWQMC Tango Thurs 1115...

## 2016-17 CBP Gap Analysis output

Topic Area/Outcome	Status	Needs
Water Quality	<ul style="list-style-type: none"> <li>Established CBPO monitoring program</li> <li>Other monitoring programs occurring (not incorporated)</li> </ul>	<ul style="list-style-type: none"> <li>Increases in spatial and temporal scale for use in CBPO Water Quality Standards</li> <li>Collaboration/data quality assurance between various water quality collectors</li> </ul>
SAV	Aerial surveys & ground surveys	Continuation of sampling and possible collaboration
Fisheries (Fish Habitat/Forage Fish/Oysters)	<ul style="list-style-type: none"> <li>Oyster restoration projects and monitoring</li> <li>Forage Fish and Fish Habitat metrics are TBD                             <ul style="list-style-type: none"> <li>Some data collection occurring</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Oysters: Continuation of surveying in future</li> <li>Increased sampling to populate metrics of Forage Fish &amp; Fish Habitat (what, where, when?)</li> </ul>
Toxic Contaminants	<ul style="list-style-type: none"> <li>Various samples taken/analyzed</li> </ul>	<ul style="list-style-type: none"> <li>Increased spatial and temporal sampling of fish toxic sampling</li> <li>Database</li> </ul>
Stream Health	<ul style="list-style-type: none"> <li>Benthic sampling</li> </ul>	<ul style="list-style-type: none"> <li>Additional parameters to be considered for stream health</li> </ul>

CBP Gap Analysis output

Topic Area/Outcome	Status		
Water Quality	<ul style="list-style-type: none"><li>Established CBPO monitoring program</li><li>Other monitoring programs occurring (not incorporated)</li></ul>	<ul style="list-style-type: none"><li>Increase Water Quality Assurance between various</li></ul>	for use in CBPO
SAV	Aerial surveys & ground surveys		Sampling and possible collaboration
Fisheries (Fish Habitat/Forage Fish/Oysters)	<ul style="list-style-type: none"><li>Oyster Habitat data collection occurring</li></ul>	<ul style="list-style-type: none"><li>Oysters: Continuation of surveying in future</li><li>Increased sampling to populate metrics of Forage Fish &amp; Fish Habitat (what, where, when?)</li></ul>	
Toxic Contaminants	<ul style="list-style-type: none"><li>Various samples taken/analyzed</li></ul>	<ul style="list-style-type: none"><li>Increased spatial and temporal sampling of fish toxic sampling</li><li>Database</li></ul>	
Stream Health	<ul style="list-style-type: none"><li>Benthic sampling</li></ul>	<ul style="list-style-type: none"><li>Additional parameters to be considered for stream health</li></ul>	

2018 Plan for Watershed Forum Get-Involved Project Roll out  
\* Leverage the Stream Health Workshop Findings  
\* Leverage the Water Quality network meetings outcomes



# Closing Remarks

- 2018 Workplanning:
  - Project Advancement
    - Develop 1-3 projects that are supporting gap filling needs of the CBP
    - Develop the template information for establishing the products
    - Promote the projects at the 2018 Watershed Forum
  - Finance discussions on evolving, diverse programming needs
    - An increasing number of CBP Goal Teams are developing data hungry indicators. We need to investigate avenues of support for existing and newly developing programs.