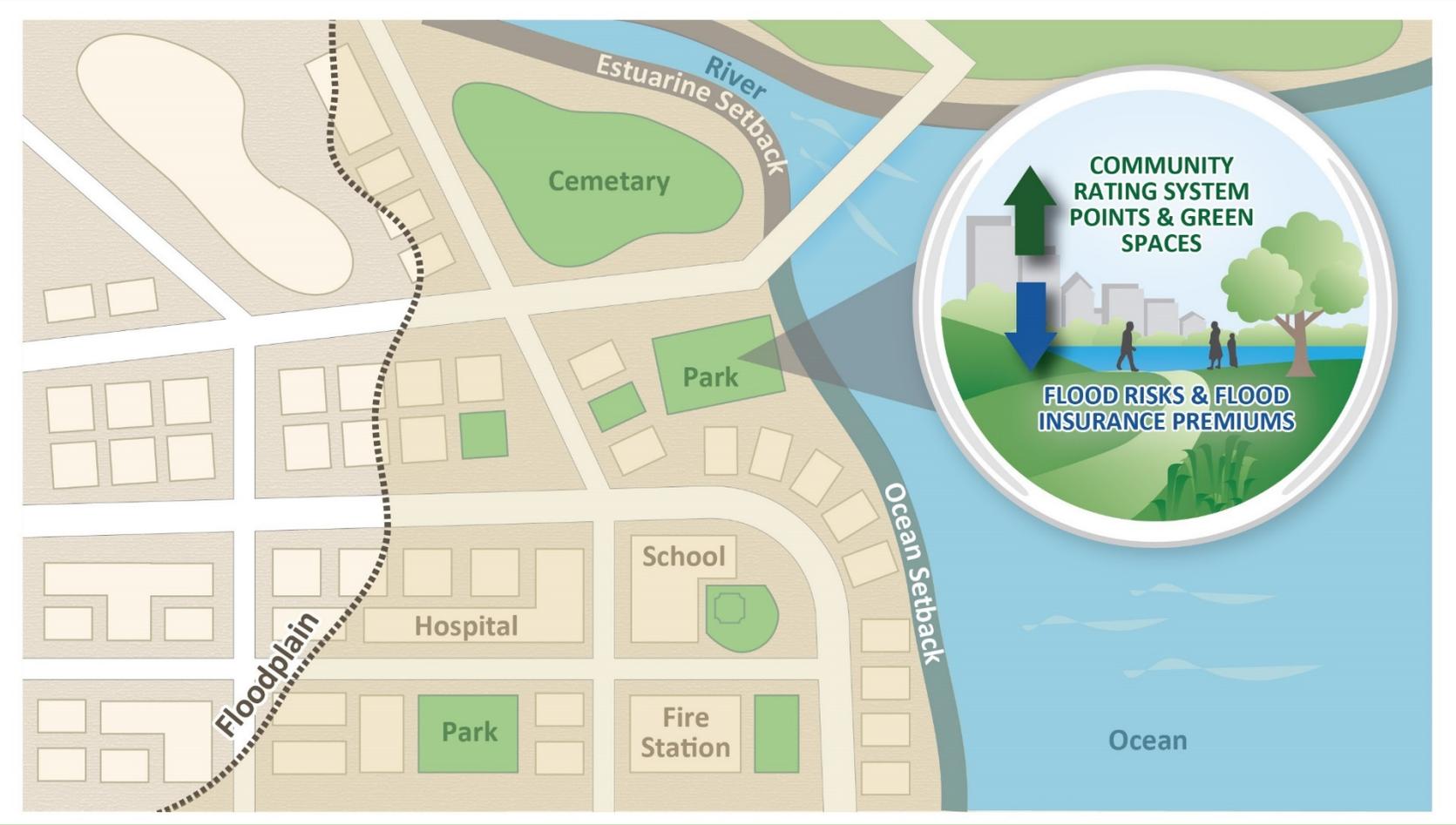


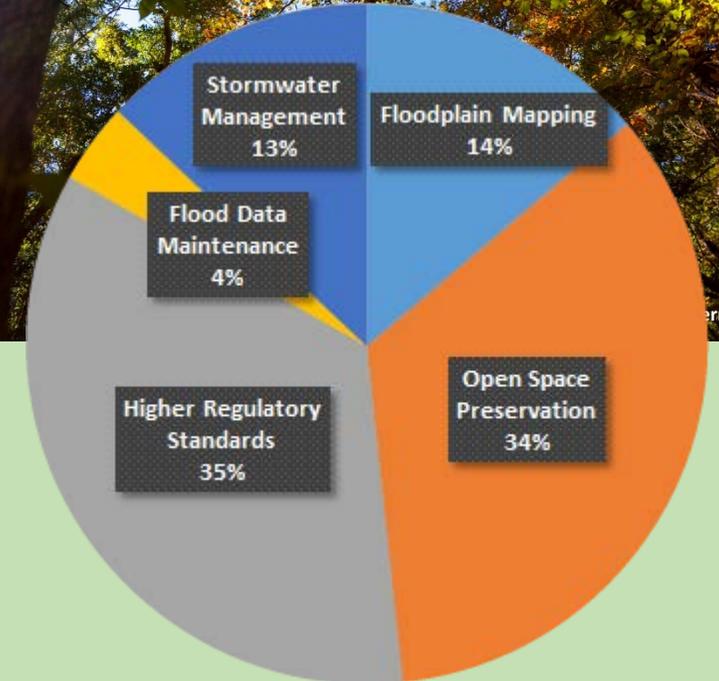
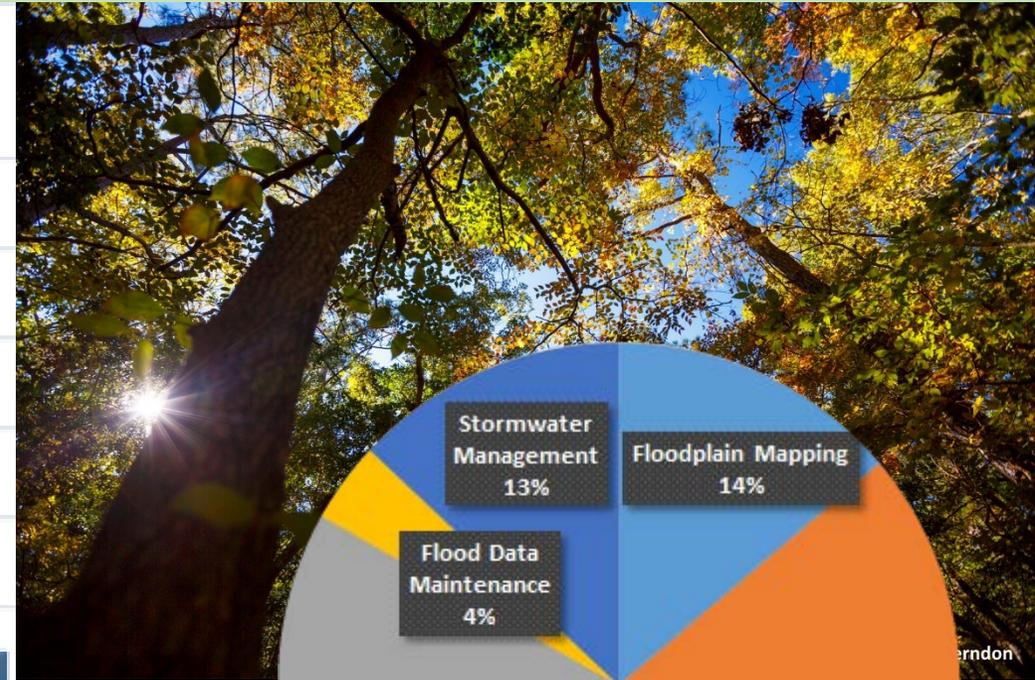
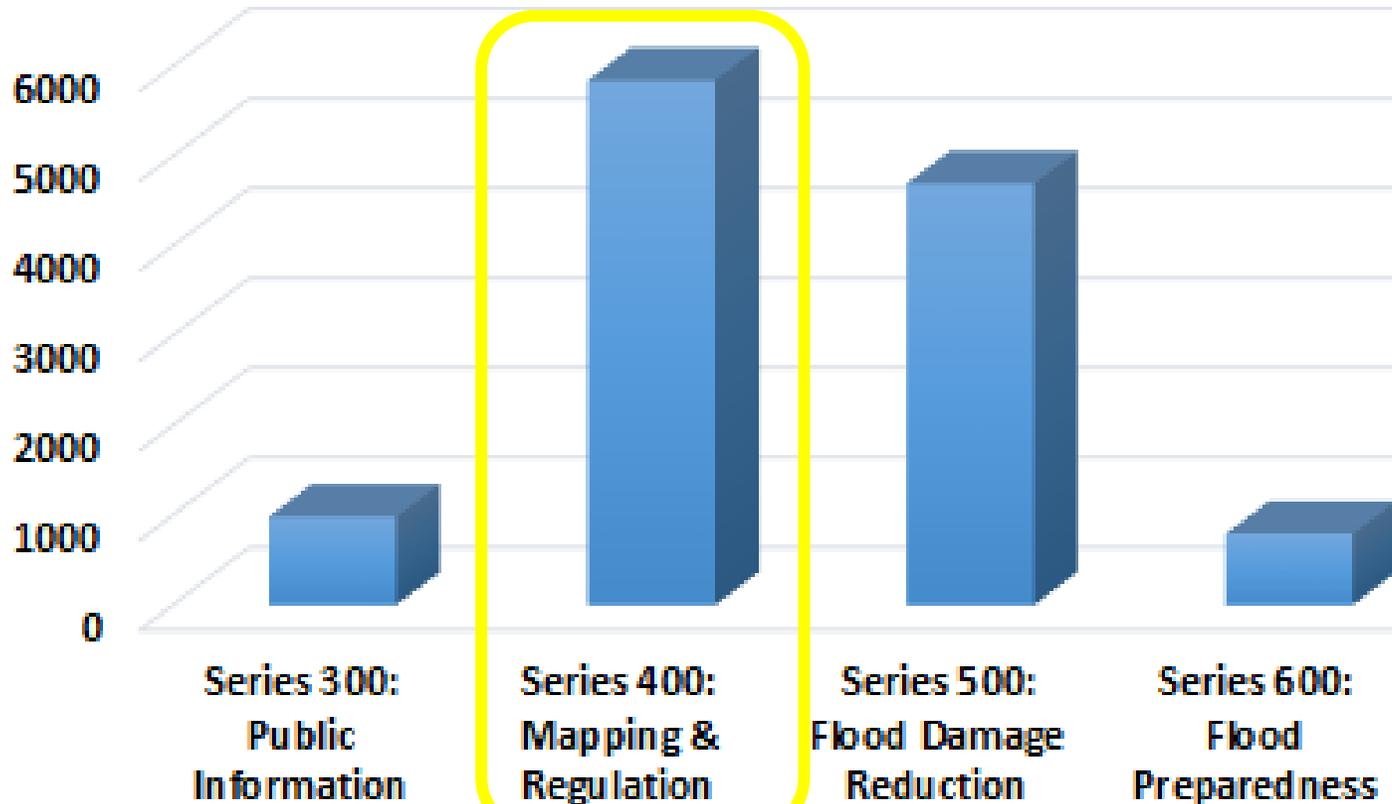
Community Rating System Explorer



Sarah Hartman, Director of Conservation, TNC

Benefit of Increasing OSP Credit

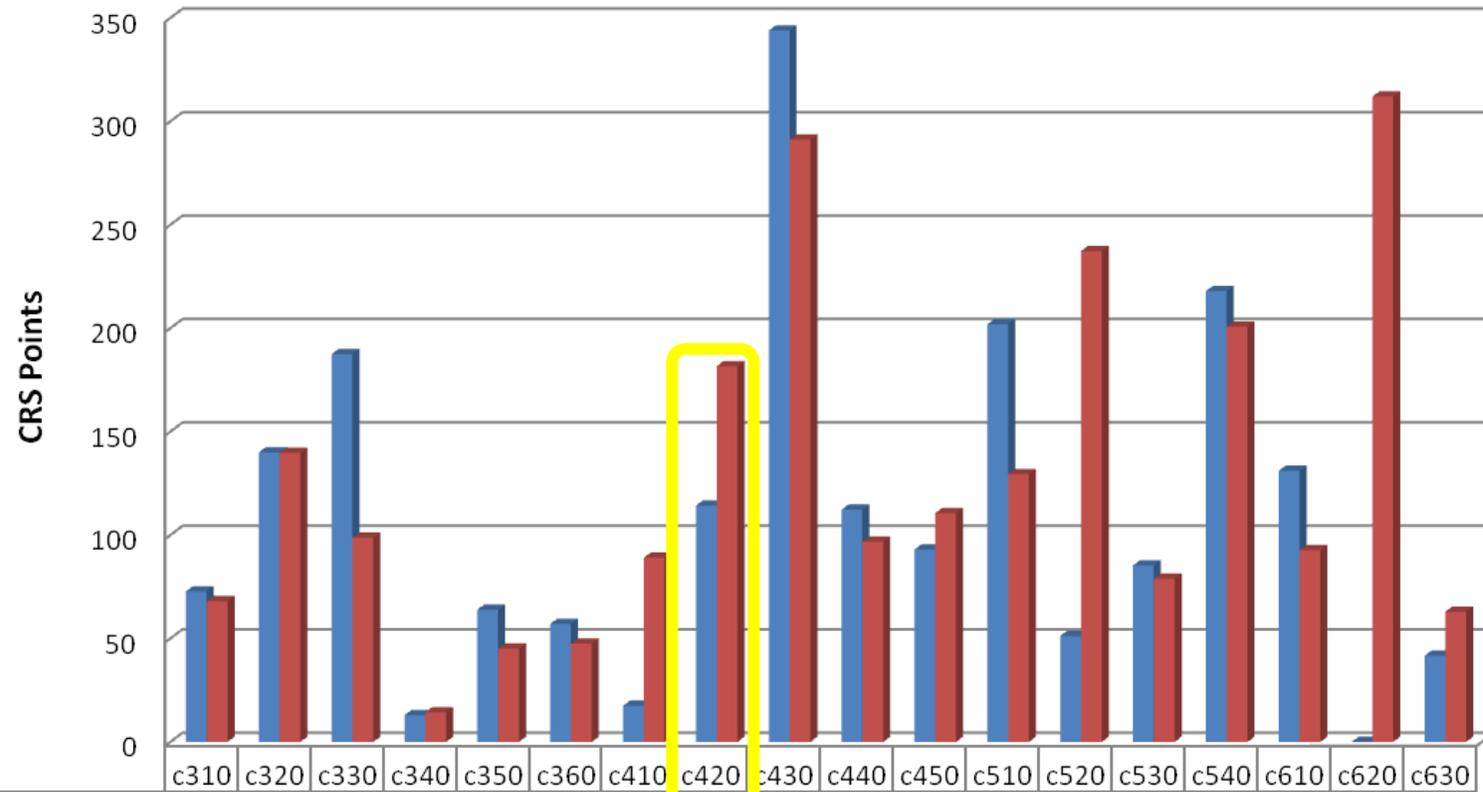
Where Communities Earn Credit





2014 NFIP CRS State Profile: South Carolina

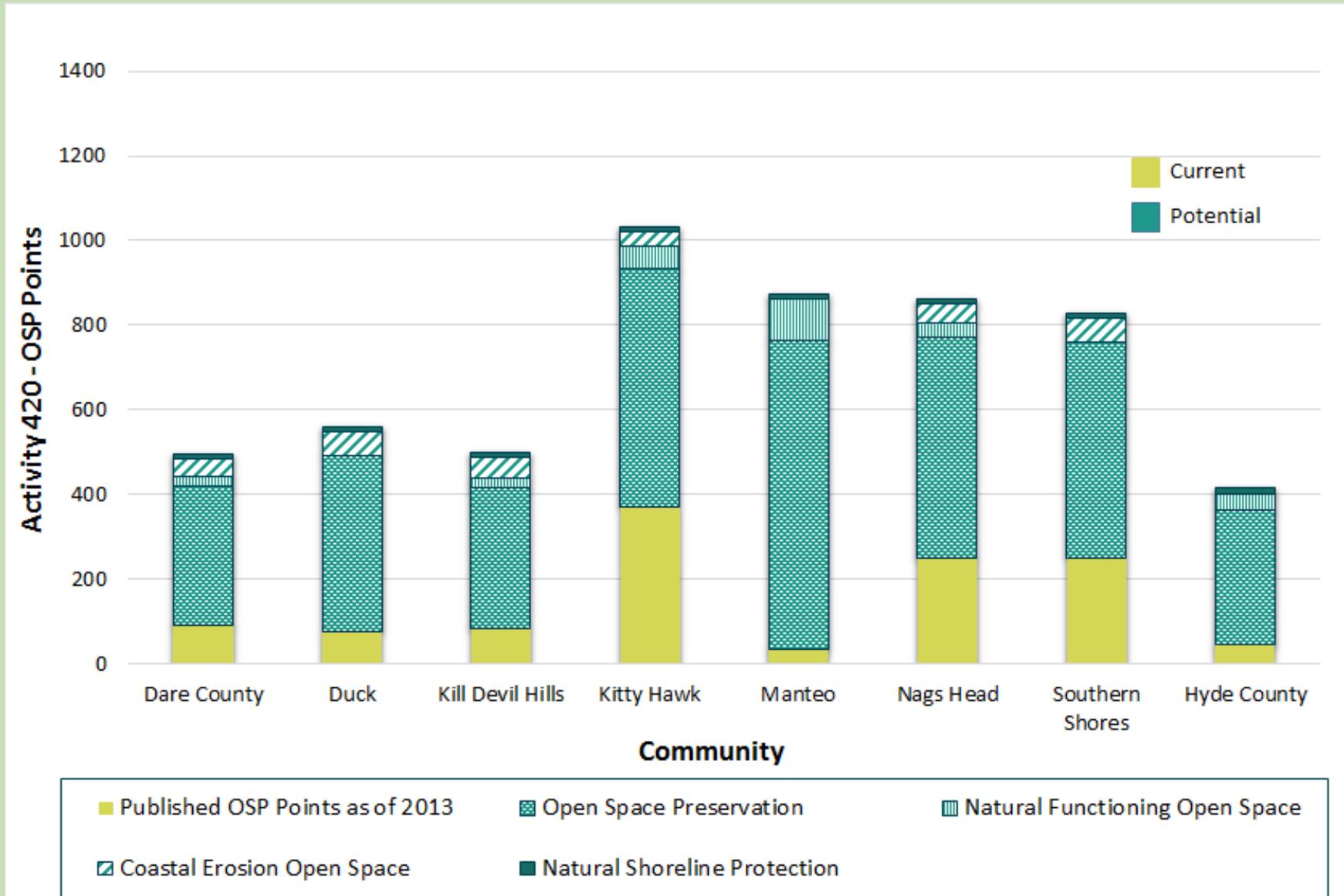
Figure 1. State and National Average Points per Activity



■ South Carolina Average Credit	73	140	187	13	64	57	18	114	344	112	93	202	51	85	218	131	0	42
■ National Average Credit	68	140	99	14	45	47	89	182	291	97	111	129	237	79	201	93	312	63

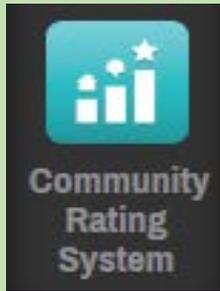
NC Dare and Hyde Counties

Average of **546** currently eligible OSP points identified per community!



Which CRS Tool Does My Community Need?

My Community is:	CRS Tool
New to CRS	ASFPM and CSO Green Guide 
Ready to ID land that qualifies for Activity 420 Open Space Preservation (OSP)	NOAA How to Guide & GIS Workflow 
Looking to increase OSP and communicate OSP benefit	TNC CRS Explorer 
Is maxed out for OSP BUT are looking for other areas to increase our CRS scores	Climate Central's Surging Seas CRS Guide 



CRS Explorer Tool



- Online map and point graph
- Downloadable maps for CRS application & review
- Look-up individual contributing parcels
- Assists with identifying future open space in the floodplain
 - By querying currently unprotected parcels based on tax value and/or potential OSP point contribution

Community Rating System

Download data for all eligible OSP areas for my CRS application [Home](#)

Nags Head NC

Open Space Preservation (OSP) Points

0 200 400 600 800 1,000 1,200

251 Published Points 61

OSP 420 Elements Summary

- Current Class: 6 (OSP contributes 2 CRS points)
- Current NFIP Discounts: 20% for parcels inside of floodplain & 10% outside of floodplain
- Impact Adjusted Special Flood Hazard Area (SFHA)
- Open Space Preservation (422a): 1,
- Natural Functioning Open Space (422b): 32 points
- Coastal Erosion Open Space (422c):
- Natural Shoreline Protection (422g):

Opaque

Nags Head, NC

Impact Adjustment Map for Activity 420: Element 422a - All Parcels

525 Acres of OSP eligible parcels in entire community
504 Acres of NFOS and OSP eligible parcels in entire community
2,788 Total Acres of Impact Adjusted Special Flood Hazard Area in Community

OSP Eligible Parcels
NFOS & OSP Eligible Parcels
Impact Adjusted Floodplain / SFHA
Zones A and AE
Zone VE

Scale 1:80,000

Community Rating System

Explore Future OSP Parcels [Home](#)

Kitty Hawk NC

Open Space Preservation (OSP) 420 Activity Points

0 200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,020

370 Published Points 662 Eligible Points 117 Future Points

Future OSP Parcels

Show Parcels by Query Zoom to Parcels by PIN

Eligible Acres would be: > < 50 And Or

Tax Value is: > < \$ 50,000 Find

Hide Query | Clear Query

117 Future OSP Points in 3 Parcels

Select Parcels Here or Click Map Sort

<input checked="" type="checkbox"/> View	51 acres \$9,400
<input checked="" type="checkbox"/> View	144 acres \$0
<input checked="" type="checkbox"/> View	153 acres \$29,800

Opaque Transparent

Download data for all eligible OSP areas for my CRS application

Home

Nags Head NC

Open Space Preservation (OSP) 420 Activity Points

0 200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,020



251 Published Points 612 Eligible Points

OSP 420 Elements Summary

- Current Class: **6** (OSP contributes **251** out of **2,164** total CRS points)
- Current NFIP Discounts: **20%** for policy holders in floodplain & **10%** outside of floodplain
- Impact Adjusted Special Flood Hazard Area: **2,787** acres
- Open Space Preservation (422a): **1,001** acres & **521** points
- Natural Functioning Open Space (422c): **504** acres & **32** points
- Coastal Erosion Open Space (422c): **173** acres & **47** points
- Natural Shoreline Protection (422g): **12** points in entire CRS

Opaque Transparent



Map Legend

Impact Adjusted Floodplain / SFHA

Zones A and AE

Zone VE

Community Boundary

OSP eligible areas

Community Rating System

What would you like to do?

- Download data for all eligible OSP & CRS application
- Find and Print a Parcel by PIN
- Explore Future OSP Parcels**

Community Rating System

Explore Future OSP Parcels

Home

Kitty Hawk NC

Open Space Preservation (OSP) 420 Activity Points

0 200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,020

370 Published Points | 662 Eligible Points | 117 Future Points

Future OSP Parcels

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117 Future OSP Points in 3 Parcels

Select Parcels Here or Click Map Sort

- View
- View

51 acres \$9,400
144 acres \$0
153 acres \$29,800

Opaque Transparent

Kitty Hawk, NC - PIN: 987509156572

Owner Type:	Private
Current Land Use:	Vacant Land (Private)
Tax Value:	9400
Future OSP Eligible Acreage:	51.27
Future OSP Points:	17.22
Deed Book Page:	NA
Deed Date:	NA

Legend:

- Future OSP Parcel
- Currently Eligible OSP Areas
- Impact Adjusted Floodplain / SFHA
- Zones A and AE
- Zone VE

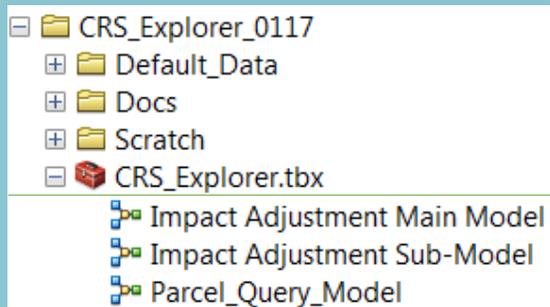
1:10,400

Considerations

Need

- Currently a CRS Community?
- Do you have room to improve in the OSP activity?
 - Built out vs. undeveloped land
- Any land use or management planning process you can influence?

Capacity



- Data availability
 - Parcel data up to date and complete? Land Use/Type attributes
- Need a Data Manager/GIS lead (**Use NOAA's How to Guide):
 - Collect, compile, and format spatial data
 - ArcGIS 10.0 or above license
 - Community Data Import Model - Ability to open and interact with ArcToolbox.tbx

What CRS Explorer Does Not Do:

- Is not a final analysis or score
- Identify points for other CRS elements

Where can I get more information?

TNC's CRS Explorer Tool:

maps.coastalresilience.org/northcarolina

coastalresilience.org/project/community-rating-system-explorer

coastalresilience.org/project/open-space/

Complementary CRS Resources:

[ASFPM and CSO's "Green Guide"](#)

NOAA's Guide "How-To Map Open Space Preservation for Community Rating System Credits"

[Climate Central's *Surging Seas* CRS Guide](#)