WATER DECISION MAKING TOOL
VERSION: 1.0
MARCH 27 2018

1

How to Examine the Impacts of Coastal Flooding on Stormwater Management

List of Learning Objectives

SPLASH SCREEN

A user lands on the site splash screen that communicates what the site topic is and a summary of site content. Should communicate the relevence to identified user types by listing learning objectives.

2

High-Level Content Outline

Overview of Users by Intent:
I am Interested in Stormwater Management
I am interested in Floodplain Management
I am interested in Land Use Planners

OUTCOMES
User will recognize what area of interest could apply to their scenario.

User will understand what to expect from finishing course. Time required, concepts, skills aquired.

COMPONENTS

NAVIGATION GEOLOCATION INPUT

GENERAL OVERVIEW SCREEN

User will get an overview of the topic. User will be able to read the three main use cases the site is intented to address.

3

Identify Coastal Flooding Thresholds for Stormwater Impacts

Introduce Progress Indicator
Introduce Ledger

OUTCOMES
User will determine stormwater flood threshold elevation value for their area based on elevation of outfalls, assuming gravity flow and impacts of tide gates

COMPONENTS

NAVIGATION LEDGER

LESSON ONE

User will be indroducted to the first topic of the lesson. They can make their first entry into the ledger.

4

Derive and Apply Total Water Level Elevations

Identify and understand tools and methods for determining total water level elevations

OUTCOMES
User will determine Determine local-level projections

Factor in increased sea level rise into exceedance thresholds to determine how many times disruption would occur and for how long of sea level rise

Identify drainage basins and outfalls that would be potentially impaired

COMPONENTS

NAVIGATION LEDGER

LESSON TWO

User will be indroducted to the second topic of the lesson. They can make their second entry into the ledger.

5

Derive and Apply Total Water Level Elevations

Identify and understand tools and methods for determining total water level elevations

OUTCOMES
User will determine Determine local-level projections

Factor in increased sea level rise into exceedance thresholds to determine how many times disruption would occur and for how long of sea level rise

Identify drainage basins and outfalls that would be potentially impaired

COMPONENTS

NAVIGATION LEDGER

LESSON THREE

User will be indroducted to the second topic of the lesson. They can make their second entry into the ledger.

8

Outcomes
Review outcomes of lesson.

OUTCOMES
User can view general outcomes for all users.
User can view detailed outcomes for;
Stormwater Mangers
Floodplain Managers
Land User Planners

COMPONENTS

NAVIGATION LEDGER PRINT SHARE

FINAL OUTCOME

User can print out their ledger. User can view detailed outcome based on each of the three user groups. User can view general outcomes for all users.

7

Identify Strategies to Address Coastal Flooding Impacts on Stormwater Management
Facilitate an understanding of how methods to address coastal flooding and stormwater impacts

Outline opportunities to use and apply information

Highlight where communities

Outline the challenges to dealing with the situation

OUTCOMES
Preliminary plans for Storm water management that could be relevant to users area

COMPONENTS

NAVIGATION LEDGER

LESSON FIVE

User will be indroducted to the second topic of the lesson. They can make their second entry into the ledger.

6

Understand Modeling/Data Gaps and Opportunities to Address Them

Outline the challenges that communities face in obtaining data that helps provide a complete "total water" approach to this issue

OUTCOMES
None

COMPONENTS

NAVIGATION LEDGER

LESSON FOUR

User will be indroducted to the second topic of the lesson. They can make their second entry into the ledger.