Engineering With Nature
Project Fact Sheet

EWN Atlas Highlighting NNBF Projects

Background

There is tremendous interest internal to USACE and elsewhere to integrate a suite of EWN case studies that highlight natural and nature-based features (NNBF) projects. In turn, this "Atlas" Report would provide an inventory, which is comprised of a diverse grouping of projects (national and international), that exemplifies the utility of EWN solutions.

Humber Estuary Project

Objectives

Key objectives for this project include the following: (1) prepare a highly professional, "coffee table"-style book that becomes "gold standard" for describing and illustrating a diverse suite of EWN/NNBF projects; (2) offer the reader a perspective of highlighted EWN/NNBF projects, as described with use of the EWN elements that result in "triple win" outcomes; and (3) use the product to overcome perceived risks of constructing nature-based features through a "preponderance of evidence" that illustrates value of such projects.

Mordecai Island Project

Approach

Approach includes, but is not limited to: (1) identification/selection of candidate projects through use of EWN ProMap; direct solicitation of PIs, PMs, and/or project contacts; and best available knowledge offered by collaborating practitioners; (2) Inventory of prospective projects categorized based on type, described and prioritized accordingly; (3) Develop cut-sheet (mock up) that align prospective project with EWN elements then circulate to respective POCs; (4) refine/edit exhibits received from POCs (including text and high resolution pictures); (5) integrate exhibits into master document; and (6) format and illustrate accordingly.

Outcomes

Outcomes associated with this project will include, but are not limited to: (1) Publication of NNBF Atlas Book-Hardcopies (NOV 2018); (2) Delivery of books to USACE Leadership and other organization POCS (NOV 2018); Host EWN Atlas launch event (JAN 2019); and (3) Upload of product (pdf version) to EWN Website (FEB 2019).

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