**CADSWES Accomplishments: January 2017**

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**I New/Enhanced Software**

A. Sponsored Tasks

USACE SWD

Task 12 - Drag and Drop of Objects in the Simulation List

In January, to improve the efficiency of creating custom-ordered Simulation Object lists, CADSWES staff created a new RiverWare dialog that includes click-and-drag functionality for re-ordering items. Because the existing Simulation Object list on the main workspace already specifies mouse drag behavior as a multiple-selection action that precludes click-and-drag, a new dialog box has been created with click-and-drag functionality enabled in place of multiple-selection.

The new dialog box titled, Custom Object Order Dialog, now launches from the existing drop-down on the main workspace Simulation Objects List in a modal state. The option that was previously “Save As Custom” now reads “Edit Custom Order”. The up and down arrows next to the drop-down box on the main workspace, have been removed and all re-order operations are now performed in the new, modal dialog.

The Custom Object Order Dialog displays the simulation objects in a list resembling the list on the main workspace. It provides up and down arrows and buttons to re-sort by name, type, or position in addition to the click and drag functionality. Options to exit the dialog include OK and Cancel. OK saves the custom order and sets the current workspace view to the new custom order. Cancel closes the dialog without preserving the changes made to the object list.

The newly saved custom order has been made available to the Model Run Analysis dialog with an addition drop-down option on the “sort by” combo box. It will be added to the Object Coordinates dialog in the near future.

Requirements and design documentation for this enhancement can be found here: R:\doc\workspace\ObjectListOrder\CustomOrderDialog-Jan2017.docx