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| **Ventura River (HUC 10)**  Find optimal barriers for removal within the watershed using a monetary budget and then a specified number of barriers in the watershed (e.g., 10).  **Cost** -   1. Data Portal (Pre-Processing):  * Set *Spatial Organization* to *Watersheds (HUC 10)* or click on ‘Restore’. * Keep All Other Defaults (e.g., Est. costs included in analysis and species weights turned off.) * Export and save file name as *Run1a\_InputFile\_DataPortalExport\_HUC10\_EstCostsAllOtherDefaults* which will save this as a \*.txt file.  1. Optipass:  * ***Load Data*** selecting the text file that was created in step 1. * Set Budget to 1000000 for a budget of $1 Million. * Set *Spatial Focus* to Ventura River by clicking the *Unselecting All* button and then checking the box next to *Ventura River.* * Select *Treatment of Downstream Barriers* as ***Non-Adjustable.*** * *Solve* * *Save* file as *Run1a\_OutputFile\_VenturaRiver\_Budget1Mill\_WatershedTrtOnly*  1. Data Portal (Post-Processing):  * Import data selecting *Run1a\_InputFile\_DataPortalExport\_HUC10\_EstCostsAllOtherDefaults* as your Optipass input file and *Run1a\_OutputFile\_VenturaRiver\_Budget1Mill\_WatershedTrtOnly* as your Optipass output file. * Review results and look at map of barriers selected for treatment.   **No Cost -**   1. Data Portal (Pre-Processing):  * Ensure that *Spatial Organization* is set to *Watersheds (HUC 10).* * Set *Barrier Mitigation Costs* to *Unassigned costs*. * Keep All Other Defaults, e.g. species weights turned off (in *Next ->* tab) * Export and save file name as *Run1b\_InputFile\_DataPortalExport\_HUC10\_UnassignedCostsAllOtherDefaults* which will save this as a \*.txt file.  1. Optipass:  * ***Load Data*** selecting the text file that was created in step 1. * Set *Spatial Focus* to Ventura River by clicking the *Unselecting All* button and then checking the box next to *Ventura River.* * Select *Treatment of Downstream Barriers* as ***Non-Adjustable*** * *Solve* * *Save* file as *Run1b\_OutputFile\_VenturaRiver\_Budget10barriers\_WatershedTrtOnly*  1. Data Portal (Post-Processing):  * Import data selecting *Run1b\_InputFile\_DataPortalExport\_HUC10\_UnassignedCostsAllOtherDefaults* as your Optipass input file and *Run1b\_OutputFile\_VenturaRiver\_Budget10barriers\_WatershedTrtOnly* as your Optipass output file. * Review results and look at map of barriers selected for treatment. |