

Wikiprint Book

Title: Running Ecosim on a variable time step

Subject: Ecopath Developer Site - EcosimVariableTimestepPluginExample

Version: 13

Date: 2019-07-22 03:18:28

Table of Contents

Running Ecosim on a variable time step

3

Running Ecosim on a variable time step

Ecosim can be run on a variable time step via a plugin. When run from the Scientific Interface Ecosim runs 1 time step per month, 12 time steps per year. The number of timesteps per month can be set in code via the `cEcosimDataStructures.StepsPerMonth` property. This allows a plugin to run Ecosim on sub time steps, multiple time steps in a month. When running with sub time steps Ecosim will only update its results objects once at the end of the month. Data computed for the sub time step can only be access via the `IEcosimSubTimestepsPlugin.EcosimSubTimeStepBegin()` and `IEcosimSubTimestepsPlugin.EcosimSubTimeStepEnd()` plugin points