



# NOAA FISHERIES

## Professional Development Series

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**The Office of Science and Technology**

Is offering a new **Training Webinar:**

**AN INTRO TO THE STOCK SYNTHESIS INTERFACE**

**DATES:** March 19, 2020, 2PM EST (11 AM PST)

**LOCATION:** Via webinar

**INSTRUCTORS:** Rick Methot

**PARTICIPATION:** Please email [Abigail.furnish@noaa.gov](mailto:Abigail.furnish@noaa.gov) if interested. Webinar link will be shared closer to date

**ABSTRACT:** This webinar will focus on how to use Stock Synthesis (SS) through the Stock Synthesis Interface (SSI; aka, the SS GUI). Input files for SS are typically edited with a text editor and with reference to the User Manual (a pdf) and to helper spreadsheets (in Excel format). After running the model via the command line, model output is typically processed with R using the r4ss package, which is typically accessed through the R or Rstudio GUI. This collection of tools and interfaces can make this workflow feel disjointed. SSI can simplify and organize this workflow by providing a single interface to view and edit model inputs, view plots of model inputs, run models with Stock Synthesis, and plot model output using r4ss. SSI is a useful tool for those who would prefer to interact with programs through user interfaces instead of the command line, new users of Stock Synthesis who can benefit from guidance on and visualizations of model inputs, and any other users who are looking for a more streamlined way to work with SS models. In this webinar, the capabilities of SSI will be demonstrated and there will be opportunity for questions and discussion.

**BIOGRAPHY:** **Richard Methot** is NOAA's Senior Scientist for Stock Assessments. Over his 36 year career with NOAA Fisheries he has worked in the Southwest, Alaska, and Northwest Fisheries Science Centers and the Office of Science and Technology. Throughout his career, he has focused on development and application of fishery assessment models and communication of assessment results to the fishery management process. In 2008, he was awarded the Department of Commerce Gold Medal for his development of the Stock Synthesis assessment approach. In his new national role, he strives to improve assessment methods, including bringing more ecosystem and environmental information into the assessments, and to improve communication of the role that assessments serve in supporting sustainable fisheries. Dr. Methot has a B.S. in Fisheries from the University of Washington and a Ph.D. in Biological Oceanography from Scripps (UCSD).

For more info on the Professional Development program, contact Abigail Furnish at [Abigail.furnish@noaa.gov](mailto:Abigail.furnish@noaa.gov)