



# Workshop Announcement

## Recruitment: theory, estimation, and application in fishery stock assessment models

The Center for the Advancement of Population Assessment Methodology (CAPAM) will host a technical workshop on **Recruitment: theory, estimation, and application in fishery stock assessment models** in Miami, FL, USA, October 30<sup>th</sup>-November 3<sup>rd</sup>, 2017.

The recruitment workshop is the fourth in a series organized by CAPAM as part of its *Good Practices in Stock Assessment Modeling* Program for improving fishery stock assessments. The workshop is sponsored by NOAA, the International Seafood Sustainability Foundation, and the University of Miami.

The primary goal of the workshop is to provide advice and guidance on practices for modeling recruitment in fishery assessments. The focus is on model specification, parameter estimation, and management consequences. Presentations that cover species specific biological studies or recruitment estimates will not be considered, but broad reviews on these topics are encouraged. The 5-day forum will include an interactive modeling session, keynote and research presentations, and focused discussions. Major topics, the chair, and invited speakers include:

Chair – **Clay Porch** (SEFSC-NOAA)

- Underlying Biological processes - **Ken Rose** (LSU)
- The stock-recruitment relationship - **Marc Mangel** (UCSC)
- Temporal variation in recruitment - **Mark Maunder** (IATTC)
- Spatial and other considerations - **Andre Punt** (UW)
- Management implications of modelling recruitment - **Eva Plaganyi** (CSIRO)
- Modelling recruitment in tuna stock assessments – CSIRO (**C. Davies/R. Hillary/D. Kolody**)
- Modeling recruitment in stock assessments using the *Stock Synthesis* modeling framework (**Ian Taylor**). A half-day session held on Monday (October 30<sup>th</sup>) afternoon.

Scientists are encouraged to present work from both ongoing research efforts, as well as completed studies. Attendees who plan to present research need to submit a presentation title and abstract (one-page maximum) by August 31<sup>st</sup>, 2017 (earlier submission is encouraged). A special issue in the journal *Fisheries Research* is planned for papers developed from the workshop. Presentations will have a 20-minute maximum and 10-minute question period. For general information concerning the overall workshop, please contact SEFSC staff ([rishi.sharma@noaa.gov](mailto:rishi.sharma@noaa.gov)), and also visit the CAPAM website ([www.CAPAMresearch.org](http://www.CAPAMresearch.org)) for updated information.

**Location:** RSMAS (University of Miami) & Southeast Fisheries Science Center, Miami, FL 33149, USA.