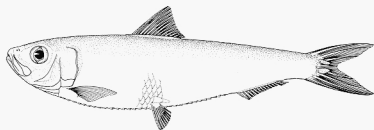


# **a4a & FLR course 20140408-10@CEFAS**



Whitehead, P.J.P., 1985. FAO Species Catalogue.

FAO

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# Welcome

- Thanks to CEFAS and José for the invitation
- First full course on a4a methods
- The contents are flexible
- The course material is a mix of presentations and code

# Logistics

- Use git for file distribution
- FL4a 0.82.0 runs on top of FLCore 2.5.x
  - It's a beta version
  - There maybe bugs
  - Man pages are not finalized
  - We're looking forward to see how things workout during the course to release version 1.0
- RStudio is recommended

# Agenda - Day 01

- Day 01
  - Welcome
  - Intro to FLR
  - FLR hands-on
  - Intro to the a4a Initiative
  - a4a Growth methods
  - converting length to ages
  - a4a M methods

# Agenda - Day 02

- Day 02
  - Stock assessment with a4a
  - Quick and dirty
  - Data structures
  - The sca method - statistical catch-at-age
  - The a4aSCA method - advanced features
  - Predict and simulate

# Agenda - Day 03

- Day 03
  - Projections with FLash
  - Biologic Reference points with FLBRP
  - MSE (???)
  - Open slot (???)

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# Important links

- FLR
- R
- RStudio
- a4a
- git repository for the course