

Advanced Course in
Fisheries Biology in R: Stock Assessment

*Stock Assessment Course Using Novel Methods for Data-poor Fisheries
in the Mediterranean and the Black Sea*

11-15 November 2019 | School of Biology of Aristotle University of Thessaloniki, Thessaloniki, Greece

AGENDA

Day/Time	Topic
Monday	Introduction to Stock Assessment
09:00 – 10:45	Introduction on MSY and data-poor fisheries
10:45 – 11:15	Coffee break
11:15 – 13:00	Installing R/R studio/libraries - Input data-Presenting
13:00 – 14:00	Lunch break
14:00 – 15:45	BCrumb – Filling gaps and combining data-series
15:45 – 16:00	Coffee break
16:00 – 17:45	Running analyses and presenting results - Discussion
Tuesday	LBB
09:00 – 10:45	Assessing stock status using length frequency distribution
10:45 – 11:15	Coffee break
11:15 – 13:00	Running analyses (examples)
13:00 – 14:00	Lunch break
14:00 – 15:45	Running analyses (own data)
15:45 – 16:00	Coffee break
16:00 – 17:45	Presenting results - Discussion
Wednesday	CMSY
09:00 – 10:45	Assessing stock status using catch and resilience
10:45 – 11:15	Coffee break
11:15 – 13:00	Running analyses (examples)
13:00 – 14:00	Lunch break
14:00 – 15:45	Running analyses (own data)
15:45 – 16:00	Coffee break
16:00 – 17:45	Presenting results - Discussion
Thursday	AMSY
09:00 – 10:45	Assessing stock status using abundance and resilience
10:45 – 11:15	Coffee break
11:15 – 13:00	Running analyses (examples)
13:00 – 14:00	Lunch break
14:00 – 15:45	Running analyses (own data)
15:45 – 16:00	Coffee break
16:00 – 17:45	Presenting results - Discussion

Day/Time	Topic
Friday	JABBA
09:00 – 10:45	Just Another Bayesian Biomass Assessment method
10:45 – 11:15	Coffee break
11:15 – 13:00	Running analyses (examples)
13:00 – 14:00	Lunch break
14:00 – 15:45	Running analyses (own data)
15:45 – 16:00	Coffee break
16:00 – 17:45	Presenting results - Discussion
17:45 – 18:00	Closing – Award of certificates

Lecturers: Rainer Froese on Priors, LBB, AMSY, CMSY and Henning Winker on BCrumb and JABBA.