



COMMISSION
SECOND BIGEYE TUNA MANAGEMENT WORKSHOP (BMW02)
1-2 October 2026
Honolulu, Hawaii (Hybrid)

FISHERY IMPACT PLOTS FOR TWO EXAMPLE BIGEYE OPERATING MODELS

WCPFC-BMW02-2026-IP04
2 October 2026

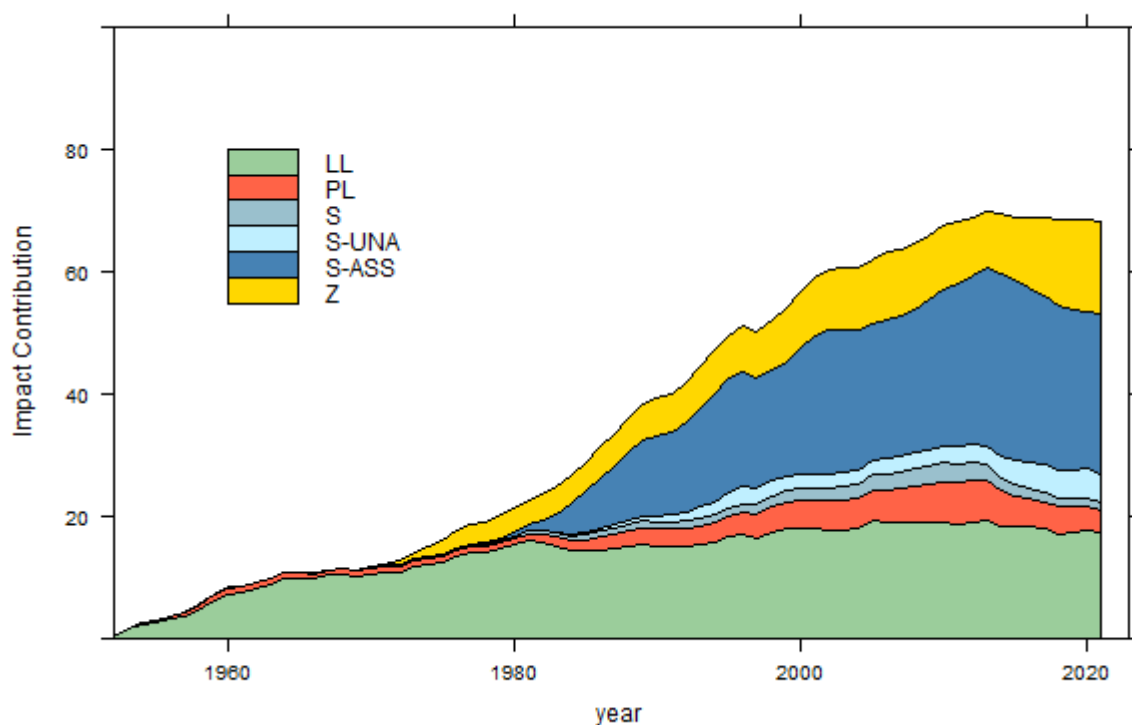
SPC-OFP¹

¹ Oceanic Fisheries Programme, The Pacific Community

Impact contribution by fishery group for two alternative BET OMs (from the initial set of OMs pre-SC22; see SC22-MI-WP-01).

These two operating models were selected as models showing the largest and smallest estimated contribution by the ‘other fisheries’ (Z) to the total stock depletion (all assessment regions combined) in recent years, from the subset of OMs examined in WCPFC-SC22-MI-WP01. The figure shows the time series of impact contribution - the component of total depletion accounted for by each specific fishery group (LL = longline, PL = pole and line, S = ‘purse seine’ (not broken down into set type), S-UNA = ‘purse seine unassociated’, S-ASS = ‘purse seine associated’, Z = ‘other fisheries’ (domestic fisheries)). Values in the table below represent the time series by these fishery groups in terms of the depletion estimated to arise due to that group. To estimate the proportion of the total depletion due to that fishery group, the value would need to be divided by the total depletion in that year.

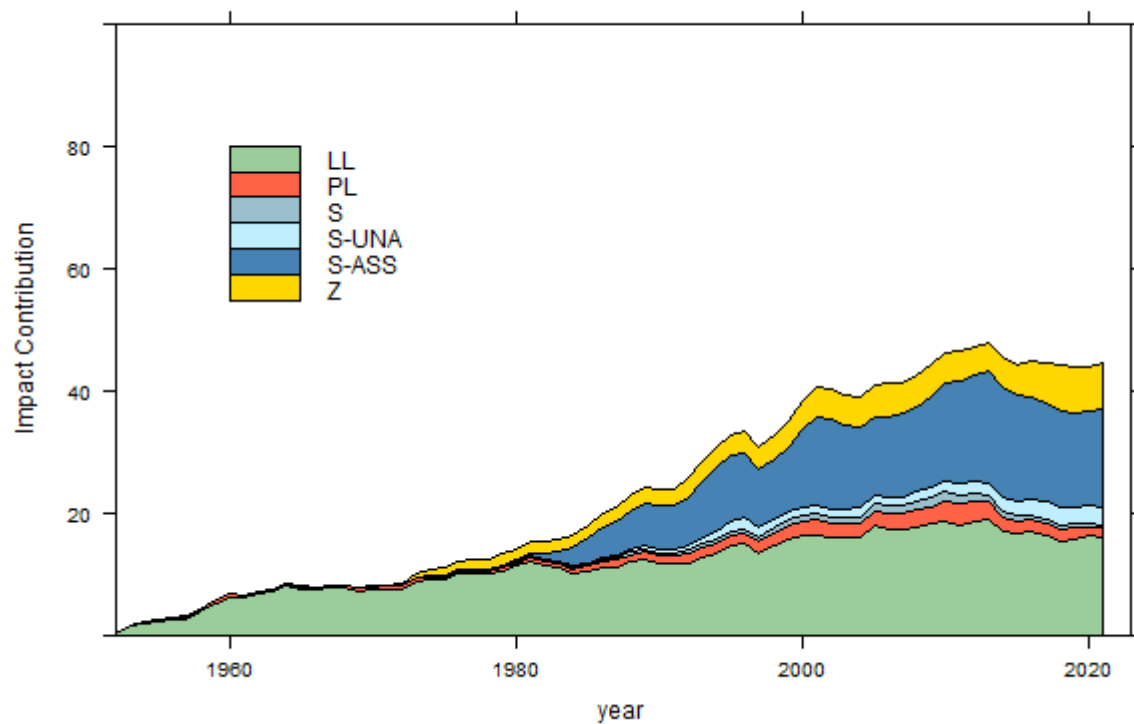
Model 61



Year	LL	PL	S	S-UNA	S-ASS	Other
2010	19.2	6.4	3.3	2.7	25.3	10.5
2011	18.7	6.8	3.2	2.9	26.3	10.2
2012	19.1	6.7	2.9	3.0	27.6	9.5
2013	19.4	6.5	2.6	3.2	29.0	9.3
2014	18.5	5.8	2.2	3.6	29.8	9.6
2015	18.3	5.1	1.9	3.8	29.3	10.4
2016	18.3	4.6	1.7	4.2	28.5	11.4

2017	18.0	4.6	1.6	4.5	27.3	12.7
2018	17.2	4.4	1.4	4.6	26.6	14.2
2019	17.4	4.2	1.4	4.7	26.0	14.9
2020	17.7	3.9	1.4	4.8	25.6	15.0
2021	17.5	3.5	1.3	4.8	26.1	15.1

Model 101



Year	LL	PL	S	S-UNA	S-ASS	Other
2010	18.8	3.2	1.6	1.6	16.0	5.1
2011	18.2	3.4	1.5	1.8	16.7	5.0
2012	18.8	3.3	1.3	1.8	17.6	4.5
2013	19.0	3.1	1.1	1.9	18.3	4.5
2014	17.1	2.5	0.9	2.2	18.2	4.7
2015	16.8	2.1	0.7	2.3	17.2	5.2
2016	17.1	1.9	0.7	2.7	16.6	6.0
2017	16.6	2.0	0.6	2.9	15.9	6.7
2018	15.6	1.9	0.6	2.9	15.6	7.5
2019	16.0	1.8	0.6	2.9	15.1	7.7
2020	16.4	1.6	0.6	3.0	15.1	7.5
2021	16.3	1.4	0.6	3.0	15.8	7.6

