

A century of fish biomass decline in the ocean

Villy Christensen^{1,*}, Marta Coll^{2,3}, Chiara Piroddi⁴, Jeroen Steenbeek³, Joe Buszowski³, Daniel Pauly¹

¹Fisheries Centre, University of British Columbia, 2202 Main Mall, Vancouver, BC V6T 1Z4, Canada

²Institut de Recherche pour le Développement, UMR EME 212, Centre de Recherche Halieutique Méditerranéenne et Tropicale, Avenue Jean Monnet, BP 171, 34203 Sète Cedex, France, and Institute of Marine Science, ICM-CSIC, Passeig Marítim de la Barceloneta, 37-49, Barcelona 08003, Spain

³Ecopath International Initiative Research Association, Barcelona, Spain

⁴European Commission - DG JRC, Institute for Environment and Sustainability, Water Resources Unit, Via E. Fermi, 2749 - TP 272, 21027 Ispra, VA, Italy

*Corresponding author: v.christensen@fisheries.ubc.ca

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Supplement. List of models used for the analysis

Many of the models listed below are available through www.ecopath.org. For others, please contact the authors directly

	Name models	Year	Groups	References
1	Aegean Sea	2003	40	(1)
2	Albatross Bay Australia	1986	99	(2)
3	Aleutians Islands	1963	40	(3)
4	Antarctic Peninsula	1990	39	(4)
5	Antarctic Peninsula	1950	61	(5)
6	Antarctic Sea	1990	28	(6)
7	Antarctica, Kerguelen Island	1987	23	(7)
8	Aranci Bay	2006	15	(8)
9	Bahia Ascencion, Mexico	1990	19	(9)
10	Bali Strait	1990	14	(10)
11	Baltic Sea	1974	16	(11)
12	Barents Sea	1990	41	(12)
13	Barents Sea	1995	41	(12)
14	Bay of Bengal	1974	15	(13)
15	Baja California, Mexico	1972	18	(14)
16	Beibu Gulf, northern South China Sea	1997	16	(15)
17	Beibu Gulf, northern South China Sea	1999	20	(16)
18	Benin, West Africa	2005	13	(17)
19	Black Sea	1960	15	(18)
20	Black Sea	1990	16	(19)
21	Bohai Sea	1982	13	(20)
22	Bolinao	1980	26	(21)
23	British Columbia shelf	1950	53	(22)
24	Brunei	1989	13	(23)
25	Campeche, Mexico	1980	19	(24)

	Name models	Year	Groups	References
26	Canada, Eastern Scotian Shelf	1980s	39	(25)
27	Canada, Eastern Scotian Shelf	1990s	39	(25)
28	Canada, Grand Banks of Newfoundland	1980s	31	(26)
29	Cantabrian Sea	1994	28	(27)
30	Cape Verde	1981	31	(28)
31	Caribbean Islands	1980	29	(29)
32	Central Atlantic Ocean	1950s	38	(30)
33	Central Atlantic Ocean	1990s	38	(30)
34	Central Chile	1992	21	(31)
35	Central Chile	1998	21	(31)
36	Central Gulf of California	1978	27	(32)
37	Central Pacific Ocean	1990	22	(33)
38	Central Pacific Ocean	1994	26	(34)
39	Chesapeake Bay	1950	45	(35)
40	Colombia	1995	27	(36)
41	Congo	2005	29	(37)
42	Coral Reef Mexican Caribbean	1980	18	(38)
43	East Bering Sea	1979	36	(39)
44	East Brazil	1970	41	(40)
45	East China Sea	1997	45	(41)
46	East China Sea	1999	38	(42)
47	Eastern tropic Pacific Ocean	1993	39	(43)
48	English Channel	1973	45	(44)
49	English Channel	1995	50	(44)
50	Eritrea	1998	19	(45)
51	Falkland Islands	1990	44	(46)
52	Faroe Islands, Denmark	1961	20	(47)
53	Faroe Islands, Denmark	1997	20	(48)
54	Tampa Bay	1950	52	(49)
55	France, Bay of Biscay	1970	37	(50)
56	France, Bay of Biscay	1998	37	(50)
57	French Frigate Shoal	1980	16	(51)
58	Gabon	2005	11	(52)
59	Gambia	1986	23	(53)
60	Gambia	1992	23	(54)
61	Gambia	1995	23	(54)
62	Germany, Schlei Fjord, Schlei Fjord	1980	10	(55)
63	Ghana	2005	13	(56)
64	Golfo Dulce, Costa Rica	1970	21	(57)
65	Grand Banks of Newfoundland	1900s	50	(58)
66	Grand Banks of Newfoundland	1980s	50	(58)
67	Grand Banks of Newfoundland	1990s	50	(58)
68	Great Barrier Reef, Australia	1990	24	(59)
69	Great Barrier Reef, Australia	1980	25	(60)
70	Greenland, West Coast	1997	22	(61)
71	Grenada	1990	51	(62)
72	Guinea	1985	35	(63)
73	Guinea	2004	35	(63)
74	Guinea	1998	44	(64)
75	GuineaBissau	1991	32	(65)
76	Gulf of California (central)	1980	18	(66)

	Name models	Year	Groups	References
77	Gulf of California (central)	2002	18	(66)
78	Gulf of Carpentaria, Australia	1990	83	(67)
79	Gulf of Maine	1977	29	(68)
80	Gulf of Maine	1980	24	(69)
81	Gulf of Maine	1990	24	(69)
82	Gulf of Mexico	1970	15	(70)
83	Gulf of Nicoya, Costa Rica	1993	21	(71)
84	Gulf of Riga	1990	12	(72)
85	Gulf of Salamanca	1997	18	(73)
86	Gulf of St. Lawrence	1985	32	(74)
87	Gulf of St. Lawrence	1990	32	(74)
88	Gulf of Thailand	1963	29	(75)
89	Gulf of Thailand	1973	40	(76)
90	Hawaii	1990	16	(77)
91	Hudson Bay, Arctic Sea	1970	40	(5)
92	Iceland	1997	24	(78)
93	Icelandic shelf	1997	21	(79)
94	Ionian Sea	1964	19	(80)
95	Ionian Sea	2007	19	(81)
96	Irish Sea	1973	53	(82)
97	Jurien Bay Marine Park, Australia	2005	80	(83)
98	Kaloko, Honolulu	2005	26	(84)
99	Kuala Malaysia	1984	14	(85)
100	Kuosheng Bay	1998	17	(86)
101	La Paz Bay, Gulf of California	1992	22	(87)
102	La Paz Bay, Gulf of California	1990	32	(88)
103	Lesser Antilles	2001	31	(89)
104	Liberia	2005	14	(90)
105	Lingayen Gulf, Philippines	1990	17	(91)
106	Lithuanian Coast	1990	12	(72)
107	FAO Area 51	1950	44	(92)
108	Malaysia	1991	15	(93)
109	Mauretania Bank Arguin	1988	22	(94)
110	Mauritania EEZ	1987	38	(95)
111	Mauritania EEZ	1998	38	(95)
112	Miramare	1990	19	(96)
113	Moorea	1990	43	(97)
114	Morocco	1984	38	(98)
115	Nanwan Bay, Taiwan	2001	18	(99)
116	Nigeria	2005	15	(100)
117	Ningaloo, Australia	2007	53	(101)
118	North California	1993	29	(102)
119	North coast of central Java	1979	27	(103)
120	North east Pacific Ocean	1950	56	(22)
121	North Sea	1880	46	(104)
122	North Sea	1974	32	(105)
123	North Sea	1981	29	(106)
124	North Sea	1991	68	(107)
125	North west Africa	1986	27	(108)
126	North West Shelf Australia	1986	37	(109)
127	Northern and Central Adriatic	1975	40	(110)

	Name models	Year	Groups	References
128	Northern and Central Adriatic	1990	40	(111)
129	Northern Benguela	1900	26	(112)
130	Northern Benguela	1950	32	(113)
131	Northern Benguela	1967	26	(112)
132	Northern Benguela	1990	26	(112)
133	Northern British Columbia	1950	53	(114)
134	Northern British Columbia	2000	53	(114)
135	Northern Gulf of California	1990	34	(115)
136	Northern Gulf of St. Lawrence	1980	32	(116)
137	Northern Humboldt Current, Peru	1995	33	(117)
138	Northern Humboldt Current, Peru	1997	33	(117)
139	Northern South China Sea	1970	38	(118)
140	Norwegian and Barent Sea	1997	30	(119)
141	Oregon coast	2000	54	(120)
142	Parnu Bay	1990	12	(72)
143	Peru	1950	20	(121)
144	Peru	1953	28	(122)
145	Peru	1960	20	(121)
146	Peru	1973	20	(121)
147	Philippines, San Miguel Bay	1992	19	(123)
148	Port Phillip Bay, Australia	1994	34	(124)
149	Portugal, Azores	1997	44	(125)
150	Puck Bay	1990	12	(72)
151	San Pedro Bay, Leyte	1994	16	(126)
152	San Sebastian Channel	1980	20	(127)
153	São Tomé, São Tomé and Príncipe	2005	16	(128)
154	Senegambia	1986	18	(129)
155	Sierra Leone	2005	12	(130)
156	Sierra Leone	1964	44	(131)
157	Sierra Leone	1978	44	(131)
158	Sierra Leone	1990	44	(131)
159	Sonda de Campeche	1990	19	(132)
160	Sørjord and Ullsfjord, Norway	1993	25	(133)
161	South Atlantic Continental Shelf	1995	42	(134)
162	South Brazil	1998	33	(135)
163	South Catalan Sea	1978	40	(136)
164	South Catalan Sea	1994	40	(137)
165	South China Sea	1980	13	(138)
166	South east Alaska	1963	40	(139)
167	South East Australia	1994	59	(140)
168	South west Vietnam	1994	15	(141)
169	Southern British Columbia shelf	1996	27	(142)
170	Southern Benguela	1900	32	(143)
171	Southern Benguela	1960	32	(143)
172	Southern Benguela	1978	32	(144)
173	Southern Benguela	2000	32	(143)
174	Southern Brazil	1980	13	(145)
175	Southern Corsica	2000	32	(146)
176	Southern Gulf of St. Lawrence	1980s	30	(74)
177	Southwest coast of India	1995	11	(147)
178	Sri Lanka	2000	39	(148)

	Name models	Year	Groups	References
179	Strait of Georgia	1950	27	(149)
180	Strait of Georgia	1950	55	(22)
181	Subantarctic plateau New Zealand	1990	18	(150)
182	Tapong Bay, Taiwan	2000	18	(151)
183	Te Tapuwae o Rongokako, New Zealand	2000	22	(152)
184	Togo	2005	16	(153)
185	Tongoy bay, Chile	1980	17	(154)
186	Prince William Sound, Alaska	1994	51	(155)
187	Prince William Sound, Alaska	1980	19	(156)
188	Mid Atlantic Bight	1995	55	(157)
189	West Florida Shelf	1990	59	(158)
190	Uvea Atoll (New Caledonia)	1991	24	(159)
191	Venezuela	1988	16	(160)
192	West coast of Peninsula Malaysia	1972	15	(141)
193	West coast of Sabah	1972	29	(161)
194	West coast of Sarawak	1972	29	(161)
195	West coast Scotland	1974	34	(162)
196	West coast of Vancouver	1950	15	(163)
197	West Gulf of Mexico	1970	24	(164)
198	Western Bering Sea	1979	34	(39)
199	Western English Chanel	1993	52	(165)
200	Western Tropical Pacific Ocean	1990	20	(166)

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