Hartman et al 1996: Forest Harvest and Coho Salmon

Downloaded on: 2026-11-09, From: https://mjbayly.com/stressor-response/hartman-et-al-1996-forest-harvest-and-coho-salmon
Function Updated by mbayly on Tue, 02/17/2026 - 21:47.

Species Information

Common Name: Coho Salmon
Genus: Oncorhynchus kisutch

Stressor Details

Stressor Name: Harvests
Units: Years
Metric: Time since harvest
Scale: linear
Function Type: continuous
Vital Rate/Process: Survivorship

Life Stage & Context

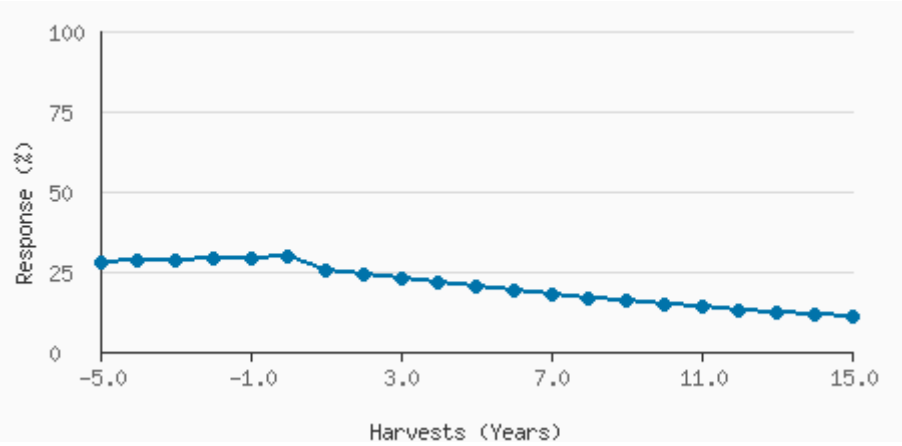
Life Stages: Egg
Geography: Carnation Creek, British Columbia, Canada
Activity: Incubation
Season: All seasons

Descriptions

Overview

> THIS RELATIONSHIP IS INCOMPLETE AND NEEDS WORK

Stressor Response Data



?Years_since_harvest	Mean System Capacity (%)	SD	low.limit	up.limit
-5	28.04	7.02	0	100
-4	28.18	5.32	0	100
-3	28.42	3.9	0	100
-2	28.77	3.26	0	100
-1	29.2	3.89	0	100
0	29.74	5.39	0	100
1	25.51	3.69	0	100

2	24.1	3.2	0	100
3	22.73	2.77	0	100
4	21.43	2.41	0	100
5	20.19	2.13	0	100
6	19.01	1.93	0	100
7	17.88	1.83	0	100
8	16.82	1.8	0	100
9	15.81	1.83	0	100
10	14.86	1.91	0	100
11	13.97	2.01	0	100
12	13.12	2.11	0	100
13	12.33	2.22	0	100
14	11.58	2.32	0	100
15	10.88	2.41	0	100

Citations

Hartman, G.F., Scrivener, J.C. and Miles, M.J., 1996. Impacts of logging in Carnation Creek, a high-energy coastal stream in British Columbia, and their implication for restoring fish habitat. Canadian Journal of Fisheries and Aquatic Sciences, 53(S1), pp.237-251.