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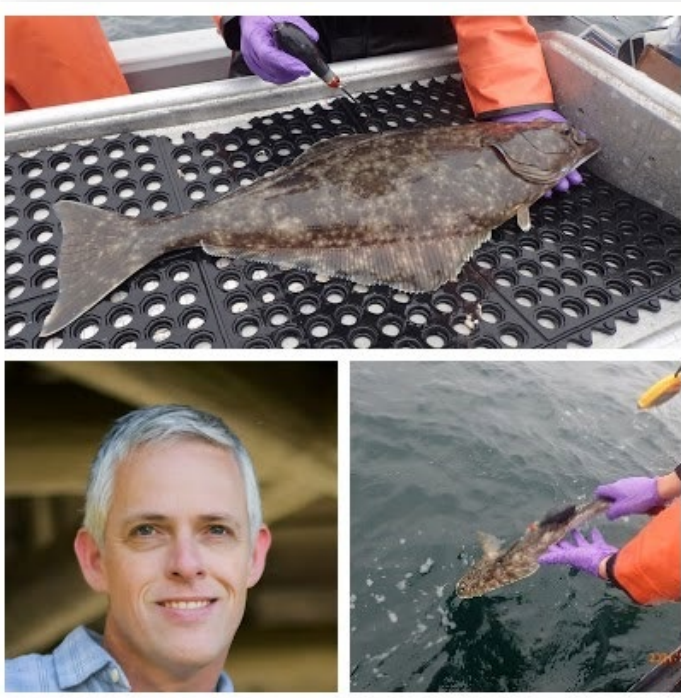
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2023 AFSC Seminar Series

Claude Dykstra, International Pacific Halibut Commission
Tuesday, March 21st @ 10 am Pacific

Letting Pacific halibut off the hook: relating capture and physiological conditions to viability and survival of fish discarded from commercial and recreational hook and line gear



Mortality of fish discarded from commercial and recreational fisheries is commonly estimated by using physical injury or reflex keys to assign fish to different viability categories with unique estimated survival outcomes. While it is known that environmental and physiological conditions of released fish can influence survival estimates, these relationships have not been explored in Pacific halibut. Here, I will present results from recent studies conducted by the International Pacific Halibut Commission to directly estimate survival with the use of acceleration-logging pop-up archival transmitting tags and to examine the relationships of environmental and physiological parameters, viability classifications and survival of Pacific halibut discarded in the commercial and charter recreational fisheries.

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