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| --- | --- | --- | --- | --- | --- | --- |
| ***Drivers*** | ***Perturbations*** | | ***References*** | ***South Sound*** | ***Hood Canal*** | ***Central Basin*** |
| *Oceanographic* | Nutrients | | Roberts et al. 2014 | ↑ |  |  |
| Stratification | | Mauger et al. 2015 |  | ↑ |  |
| Dissolved Oxygen | | Roberts et al. 2014 |  | ↓ |  |
| Turbidity | | PSEMP 2016 |  | ↓ |  |
| Temperature | | PSEMP 2016 |  | ↑ |  |
| *Food web* | Diatoms | | PSEMP 2016 |  |  | ↓ |
| Gelatinous Zooplankton | | Greene et al. 2015 | ↑ |  | ↑ |
| Forage Fish | | Greene et al. 2015 | ↓ |  | ↓ |
| Other Salmon | | Fig. 1, this paper |  | ↑ |  |
| *Anthropogenic Impacts* | Contaminants | | O’Neill et al. 2009 | ↑ |  | ↑ |
| Habitat Loss | | Hoekstra et al. 2007 |  |  | ↑ |
| Hatcheries | | Hoekstra et al. 2007 | ↑ |  |  |
| ***Response Key*** | | | ***Responses*** | ***South Sound*** | ***Hood Canal*** | ***Central Basin*** |
| Strong Neg. Effect (>80% of runs were negative) | |  | Survival |  |  |  |
| Weak Neg. Effect (60-80% of runs were negative) | |  | Abundance |  |  |  |
| Neutral (40-60% of runs positive/negative) | |  | Fitness |  |  |  |
| Weak Pos. Effect (60-80% of runs were positive) | |  | Size |  |  |  |
| Strong Pos. Effect (>80% of runs were positive) | |  | Residency |  |  |  |
|  | | | Other Salmon |  |  |  |