Telemetry tracking of salmon smolt migrations through the Salish Sea: examining behaviour, survival and causes of mortality

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Sockeye are in decline – smolts important?

DFO (2017)
Chilko Lake sockeye salmon smolts
Acoustic telemetry
Survival is low in two landscapes

Rechisky et al. Accepted. Canadian Journal of Fisheries and Aquatic Sciences
Why is survival low here?
Bull trout
*(Salvelinus confluens)*
Piscivorous fish exhibit temperature-influenced binge feeding during an annual prey pulse

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Extensive feeding on sockeye salmon *Oncorhynchus nerka* smolts by bull trout *Salvelinus confluentus* during initial outmigration into a small, unregulated and inland British Columbia river

N. B. Furey*†, S. G. Hinch*, A. G. Lotto* and D. A. Beauchamp‡
What about the Salish Sea?
Routes can influence survival

Route-specific movements and survival during early marine migration of hatchery steelhead *Oncorhynchus mykiss* smolts in coastal British Columbia

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Variability in Migration Routes Influences Early Marine Survival of Juvenile Salmon Smolts

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