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Effects of sea louse parasites on host ecology and population dynamics

Thursday 27 February 2014 1pm

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Gould Seminar Room (Rm 235) Gould Building (Bldg. 116), Linnaeus Way, ANU



Declines in ocean fisheries and rising demand for seafood has driven a global expansion of aquaculture over the past decade. In Pacific Canada, open-net salmon farming has been on the rise, despite concerns of disease and parasite transmission between farmed and wild salmon. Sea louse parasites can be transmitted from wild to farmed salmon, reach epizootic levels on salmon farms, and then spill back to infect juvenile wild salmon. In this talk, I will look at the evidence for sea louse transmission from farmed to juvenile wild salmon, the impact on wild salmon populations, and how interactions between parasites and predators can mediate host mortality.

Presented by

Research School of
Biology

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**Medicine, Biology
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This lecture is free and open to the public

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