

Table S1. Resources for environmental data.

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Sea Surface Temperature - SST (<http://www.esrl.noaa.gov/psd/data/timeseries>),

Pacific Decadal Oscillation - PDO (<http://jisao.washington.edu/pdo>),

North Pacific Gyre Oscillation - NPGO (<http://www.o3d.org/npgo/npgo.php>),

Coastal Upwelling Index - UPW (<http://www.pfeg.noaa.gov/products/las.html>),

Eastward Eckman Transport – EET (<http://www.pfeg.noaa.gov/products/las.html>)

Columbia River Flow at Bonneville Forebay - COR (<http://www.cbr.washington.edu/dart/river.html>).