

Curriculum Vitae

Lisa K. Hillier

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Oregon State University, Corvallis, OR-2017

Graduate Courses in Stock Assessment with Stock Synthesis-Continuing Education

Evergreen State College, Olympia, WA-2016

Graduate Courses in Statistics-Continuing Education

Western Washington University, Bellingham, WA-1997-1999

Bachelor of Science emphasis; Marine Biology

Biologist

**Washington Department of Fish and Wildlife, Olympia, WA
2004-Present**

Marine Fish Science Unit: 2012-Present

- Design and implement groundfish surveys based on stock assessment recommendations
- Conduct and design ecological and biological monitoring of marine resources, e.g. ROV survey, dive survey, and bottom trawl survey
- Manage budgets and contracts for MFS Unit
- Advanced statistical analyses, writing and editing of project reports
- Website design for WDFW bottomfish information

Subtidal Shellfish Management Unit: 2004-2012

- Conducted subtidal surveys for state shellfish resources
- Designed and implemented biological studies for sea cucumber including juvenile recruitment and adult fertilization success
- Participation in the design and implementation of experiments to estimate shellfish life history parameters used in management models
- Commercial fisheries management support for sea urchin and sea cucumber

Shellfish Manager

**Lower Elwha Klallam Tribe Shellfish Manager, Port Angeles, WA
2002-2004**

- Managed commercial, recreational and subsistence shellfish resources available to the Tribe
- Conducted subtidal resource surveys
- Represented the Tribe on the Marine Resource Committee Board and during technical meetings
- Grant writing for marine research relating to the impacts of Elwha river dam removal
- Commercial shellfish monitoring

Certifications:

2017 Dive First Aid/CPR/AED and DAN Oxygen Training, 2008 AAUS Certification, 2007 Motorboat Operator Certification Course, 2004 Rescue Diver PADI Certification, 2001 Advanced PADI Diving Certification, 2001 Defensive Driving, 2001 Occupational Health and Safety Certification, 1999 Job Hazard Analysis Training, 1995 Open water PADI Diving Certification., 2007 Remote Operated Vehicle Operations Course with Diagnostics.

Publications:

Frierson, T, Dezan, W, Lowry, D, LeClair, L, **Hillier, L**, Pacunski, R, Blaine, J, Hennings, A, Phillips, A, and P Campbell. 2017. Final assessment of Threatened and Endangered marine and anadromous fish presence adjacent to U.S. Naval Facilities. Series of reports delivered to Naval Facilities Engineering Command Northwest (NAVFAC NW) in fulfillment of Cooperative Agreement N44255-15-2-0002.

- Manchester Fuel Department: 2015-16 beach seine survey results. 28 pp.

- Naval Base (NAVBASE) Kitsap Bangor: 2015-16 beach seine survey results. 33 pp.
- Naval Air Station (NAS) Whidbey Island Crescent Harbor: 2015-16 beach seine survey results. 31 pp.
- Naval Air Station (NAS) Whidbey Island Lake Hancock: 2015-16 beach seine survey results. 32 pp.
- Naval Magazine (NAVMAG) Indian Island: 2015-16 beach seine survey results. 34 pp.
- Naval Station (NAVSTA) Everett: 2015-16 beach seine survey results. 28 pp.
- Zelatched Point: 2015-16 beach seine survey results. 21 pp.

Pacunski, R., D. Lowry, **L. Hillier** and J. Blaine. 2016. A comparison of groundfish species composition, abundance, and density estimates derived from a scientific bottom-trawl and small remotely-operated vehicle for trawlable habitats. Wash. Dept. of Fish and Wildlife Rep. #FPT 16-03. 35 pp.

Lowry, D, Pacunski, R, LeClair, L, Blaine, J, **Hillier, L**, Beam, J, Hennings, A, and E Wright. 2013. Preliminary assessment of rockfish (*Sebastes* spp.) and other groundfish presence, abundance, habitat, and prey base adjacent to Naval Base Kitsap at Keyport and Bremerton: 2012-13 survey results. Final report to Naval Facilities Engineering Command Northwest for Cooperative Agreement N44255-12-2-0018. 32 pp.

Cheng, Y.W. and **Hillier, L.K.** 2011. Use of Pacific oyster *Crassostrea gigas* (Thunberg, 1793) shell to collect wild juvenile sea cucumber *Parastichopus californicus* (Stimpson, 1857). Journal of Shellfish Research, 30(1): 65-69.

Publications in Progress:

LeClair, L, Lowry, D, Pacunski, RE, and **L Hillier**. (In prep). Findings from periodic scuba surveys of bottomfish conducted over sixteen years at six nearshore sites in central Puget Sound. Washington Department of Fish and Wildlife Technical Report. Expected completion June 2017.

Lowry, D, Pacunski, RE, Blaine, J, Tsou, T, **Hillier, L**, Beam, J, Wright, E, and A Hennings. (In prep). 2010 Assessment of San Juan Island bottomfish populations utilizing a remotely operated vehicle and a stereological survey protocol. Washington Department of Fish and Wildlife Technical Report. Expected completion March 2018.

Lowry, D, Pacunski, RE, Blaine, J, Tsou, T, **Hillier, L**, Beam, J, Wright, E, and A Hennings. (In prep). Assessing groundfish occurrence, abundance, and habitat associations in Puget Sound via a small remotely operated vehicle: results of the 2012-13 stereological survey. Washington Department of Fish and Wildlife Technical Report. Expected completion June 2018.

Presentations at Professional Meetings and Symposia:

Scuba Surveys at Popular Dive Sites and Marine Protected Areas in Puget Sound. Presented at the Scuba and Watersports Expo, Tacoma. 2018 and 2017

Rockfish Conservation and Management in Puget Sound: Kitsap Poggie Club. 2016

A Synthesis of Fifteen Years of Scuba Surveys at Six Locations in Central Puget Sound: protected and non-protected site. Presented at American Fisheries Society Conference- Portland, 2015

Education, Outreach, and Teaching Experience:

Washington Rockfish Biology and Identification. Presented at the Puget Sound Sampling Annual Meeting. 2017

Human Impacts on the Puget Sound-Presented at Centennial Elementary. 2016

Marine Biology in Washington State- Presented at South Puget Sound Community College. 2014

Insight into careers in Marine Biology. Presented at the Federal Way High School. 2013

Awards:

2008 WDFW Directors Team Award (for pinto abalone restoration efforts).