
JEFFREY W. ADAMS
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EDUCATION

M.S., Aquatic and Fishery Sciences, University of Washington, 2001

Concentration: Biological Assessment of Freshwater Ecosystems

Thesis: Using aquatic macroinvertebrates to assess stream condition in the Clackamas River Basin, Oregon. **Advisor:** Dr. James R. Karr.

B.S., Oceanography, University of Washington, 1996.

EMPLOYMENT

- **Washington Sea Grant (2006-Present) – Marine Ecologist:** local, regional and national activities engaging students, citizens and managers on issues related to shoreline restoration, stormwater reduction and treatment, aquatic invasive species management and prevention and shoreline biological diversity and monitoring
 - **The Xerces Society for Invertebrate Conservation (1999-2006) – Director of Aquatic Programs:** regional education and resource development to assist citizens, managers and taxonomists in collecting, producing, and evaluating high quality biological assessment data
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EDUCATOR/MENTOR

- Coordinator and instructor for annual Kitsap Beach Naturalist course (**2008-present**): Topics include introduction to oceanography and coastal geomorphology, coastal habitats, coastal plants and seaweeds, marine invertebrates, and physical and biological shoreline monitoring
- Co-coordinator and instructor for annual Kitsap Stream Stewards course (**2013-present**): Topics include introduction to watersheds, water policy, biological monitoring and freshwater macroinvertebrate life history and identification, and aquatic invasive species
- Guest lecturer for beach naturalist programs throughout region (**2009-present**)
- Site Supervisor/Mentor for 18 undergraduate interns from UW, WWU, Ekerd College
- *Menace to the West*, Aquatic Invasive Species curriculum development for formal and informal educators (**2015**)
- **Soak it up and let it bloom, (Guest Lecturer 2009-2012):** Stormwater characteristics and impacts, and green infrastructure solutions
- Guest Lecturer at WSU Vancouver (**2001-2004**): Biological assessment concepts and life history and identification freshwater macroinvertebrates

- Introduction to Oceanography undergraduate peer teaching assistant (1995, 1996)
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RESEARCHER

Washington Sea Grant

- European green crab early detection in Washington's inland waters (2013-Present)
- Measuring the physical and biological changes associated with removal of shoreline armoring (2012-Present)
- Reducing the risks of Schools, Science Curricula and Biological Supply Houses as Potential Pathways for Spreading Aquatic Invasive Species: A Proposal addressing West Coast, Great Lakes and Gulf States Regional Priorities (2009-2014)

UW School of Aquatic and Fishery Sciences

- **Research Assistant (1999):** Center for Streamside Studies and Urban Planning and Development; wetland assessment and ephemeral streams assessment
- **Research Assistant (1997-1999):** Biological assessment of Clackamas River Basin, Oregon; findings presented at regional workshops and symposia (Dr. James Karr)
- **Field Assistant (1996)** - assisted in lake surveys for a project evaluating the potential of an aquatic weevil as a biological control agent for Eurasian Watermilfoil

COMMITTEES

- Western Regional Panel on Aquatic Nuisance Species (2009-2013) – representing Coastal Academia/Research (2009-2015) and West Coast Sea Grant (2016-present); and serving on the Executive Committee (2016-2018)
- WA Aquatic Nuisance Species Committee (2007-2011) – Chair 2009/2010
- Integrated Taxonomic Information System (ITIS) Business Rules Workgroup (2000)

PROFESSIONAL DEVELOPMENT

University of Washington Strategic Leadership Program, SLP1, 2014

SELECTED PUBLICATIONS

- Brasseale, E., E.W. Grason, P.S. McDonald, J.W. Adams, and P. MacCready. 2019. Larval Transport Modeling Support for Identifying Population Sources of European Green Crab in the Salish Sea. *Estuaries and Coasts*. 42:1586–1599
- Lee, T.S., J. D. Toft, J.R. Cordell, M.N. Dethier, J.W. Adams, R.P. Kelly. 2018. Quantifying the effectiveness of shoreline armoring removal on coastal biota of Puget Sound. *PeerJ*.

- Grason, E.W., P.S. McDonald, J.W. Adams, K. Litle, J.K. Apple, and A. Pleus. **2018**. Citizen science program detects range expansion of the globally invasive European green crab in Washington State (USA). *Management of Biological Invasions*. Volume 9.
- Adams, J.W., E. Grason, P.S. McDonald, K. Litle. **2015**. Of needles and haystacks: Habitat mapping and citizen science to monitor for European green crab in Washington State. Poster session presented at Pacific Estuarine Research Society Conference poster, Seattle, WA.
- Adams, J.W. **2010-present**. Sea-Life. Kitsap Sun reader blog. <http://pugetsoundblogs.com/sea-life/> and SalishSeaLife on Twitter and Facebook.
- Olden, J.D., Adams, J.W. and E.R. Larson. **2009**. First record of *Orconectes rusticus* (Girard, 1852) (Decapoda, Cambaridae) west of the Great Continental Divide in North America. *Crustaceana* 82:1347-1351.
- Coltellaro, C. and Adams, J.W. **2009**. Rain Garden Plants: Purchase or Propagate? Washington Sea Grant. 4 pp.
- Adams, J.W. **2004**. Stream bugs as biomonitors: Guide to Pacific Northwest macroinvertebrate monitoring and identification. CD-ROM. The Xerces Society for Invertebrate Conservation.
- Adams, J.W. and D.M. Vaughan. **2003**. Macroinvertebrates of the Pacific Northwest - A field guide. 16 pp.
- Northwest Biological Assessment Workgroup 4th Annual Taxonomic Workshop Manual – Aquatic Diptera. **2000**. J.W. Adams, editor.