



## Stephanie E. Gwin

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Stephanie has an M.S. in Marine Resource Management from Oregon State University. Prior to joining CBI, Stephanie supported research projects at the Environmental Protection Agency's Research Laboratory in Corvallis, Oregon by working as a researcher and project manager for the EPA's on-site contractor. In this capacity, she managed and participated in studies comparing created and naturally occurring wetlands to provide regulators with information to improve management strategies and wetland mitigation project design. She also managed research to determine the health and status of streams and rivers across the twelve contiguous western states, research in Oregon Coast Range watersheds to evaluate and quantify the influence of human activities on native fish habitat, and managed Rapid Ecoregional Assessments (REA) for the BLM in the Colorado Plateau and Sonoran Desert ecoregions. For these and other projects, she trained and managed field crews, performed field work, managed project budgets, tracked and evaluated project deliverables, and managed and facilitated the activities of technical support staff and sub-contractors.

### EDUCATION

M.S., Marine Resource Management, Oregon State University, 1990

B.S., General Science, Oregon State University, 1985

### RECENT AWARDS

1998- 2003 Dynamac Technical Achievement Awards

2001, 2002, 2004 Dynamac Work Plan Management Awards

### EMPLOYMENT HISTORY

2017-Present. **Senior Project Manager, Conservation Biology Institute**, Corvallis, OR

2007-2017. **Owner**, Retail Establishment, Corvallis, OR.

2011-2013. **Project Manager for Bureau of Land Management (BLM) Rapid Ecoregional Assessments (REA) for the Colorado Plateau and Sonoran Desert ecoregions, and the In-Reach Activities Task Order for these REAs.** CSS-Dynamac Corporation, Corvallis, OR.

1996-2007. **Wetland Ecologist, Technical Supervisor, and Work Plan Manager.** U.S. Environmental Protection Agency (EPA) research projects at the Environmental Research Laboratory. Dynamac Corporation, Corvallis, OR.

2001-2007. **Supervisor and Work Plan Manager.** Freshwater Habitat Field Research Project Managed the activities of personnel conducting field activities in Oregon Coast Range watersheds to evaluate and quantify the influence of human activities on wild Pacific salmon populations and native fish habitat.

2002-2007. **Supervisor and Work Plan Manager.** Survey Design and Analysis Research Support Project; developing a framework for rigorous statistical monitoring of aquatic resources.

1998- 2005. **Supervisor and Work Plan Manager.** Environmental Monitoring and Assessment Program (EMAP) Field Operations Project. Managed the activities of personnel conducting a survey of the status and condition of streams and rivers across the twelve contiguous western states.

1996-2000. **Wetland Ecologist, Supervisor, and Work Plan Manager.** Wetlands Protection, Use and Enhancement Project. Research focus was on analyzing and reporting on data collected from field studies comparing created and naturally occurring wetlands, comparing wetlands located in different land use settings, and identifying trends in wetland populations over time.

1988-1996. **Wetland Ecologist, Supervisor, and Work Plan Manager.** ManTech Environmental Research Services Corporation, Wetlands Research Program, EPA's Wetland Research Program at the Environmental Research Laboratory in Corvallis, OR.

## PUBLICATIONS

- Kentula, M.E., **S.E. Gwin**, and S.M. Pierson. 2004. Tracking changes in wetlands with urbanization: sixteen years of experience in Portland, Oregon, USA. *Wetlands*, Vol. 24, No. 4, pp. 734-743.
- Gwin, S.E.**, M.E. Kentula, and P.W. Shaffer. 1999. Evaluating the effects of wetland regulation through hydrogeomorphic classification and landscape profiles. *Wetlands*, Vol. 19, No. 3, pp. 477-489.
- Shaffer, P.W., M.E. Kentula, and **S.E. Gwin**. 1999. Characterization of wetland hydrology using hydrogeomorphic classification. *Wetlands*, Vol. 19, No. 3, pp. 490-504.
- Holland, C.C., J. Honea, **S.E. Gwin**, and M.E. Kentula. 1995. Wetland degradation and loss in the rapidly urbanizing area of Portland, Oregon. *Wetlands*, Vol. 15, No. 4, pp. 336-345.
- Magee, T.K., K.A. Dwire, **S.E. Gwin**, J. Honea, P.W. Shaffer, C.C. Holland, and J. Honea. 1995. Field and laboratory operations report for the Oregon Wetlands Study. EPA/600/R-94/024. U.S. Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR.
- Magee, T.K., K.A. Dwire, C.C. Holland, **S.E. Gwin**, R.G. Gibson, J. Honea, P.W. Shaffer, and J.C. Sifneos. 1993. Quality assurance project plan for the Oregon Wetlands Study. EPA/600/R-93/221. U.S. Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR.
- Magee, T.K., **S.E. Gwin**, R.G. Gibson, C.C. Holland, J.E. Honea, P.W. Shaffer, J.C. Sifneos, and M.E. Kentula. 1993. Research plan and methods manual for the Oregon Wetlands Study. EPA/600/R-93/072. U.S. Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR.
- Kentula, M.E., R.P. Brooks, **S.E. Gwin**, C.C. Holland, A.D. Sherman, and J.C. Sifneos. 1992. An approach to improving decision making in wetland restoration and creation. Edited by A.J. Hairston. EPA/600/R-92/150. U.S. Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR.
- Gwin, S.E.**, M.E. Kentula, and D.L. Frosthalm, in conjunction with R.E. Tighe. 1991. Evaluating design and verifying compliance of created wetlands in the vicinity of Tampa, Florida. EPA/600/3-91/068, NTIS Accession Number PB92 116 045/AS. U.S. Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR.
- Sherman, A.D., **S.E. Gwin**, and M.E. Kentula. 1991. Quality assurance project plan: Tampa, Florida wetlands study. EPA/600/3-91/060, NTIS Accession Number

PB92 122 761/AS. U.S. Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR.

Sherman, A.D., **S.E. Gwin**, and M.E. Kentula in conjunction with W.A. Neiring. 1991. Quality assurance project plan: Connecticut wetlands study. EPA/600/3-91/029, NTIS Accession Number PB91-179 101/AS. U.S. Environmental Protection Agency, Environmental Research Laboratory, Corvallis, OR.