Name: Amber Parsons
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Title: Statistical consultant

Education: B.S., Biology with emphasis on Marine Science, Western Washington University (2004); M.S., Quantitative Ecology and Resource Management, University of Washington (2009).

Experience:

Statistical Consultant, Independent
- Identified research questions, made recommendations for methods and analysis, assisted with analyses and manuscripts for publication.
- Specialized in salmon escapement abundance estimates.

Teacher's Assistant, University of Washington
- Created and maintained course website, reviewed computing lab curricula (in R), facilitated computing labs (in R),
- Assisted students with course content.

Statistical Consultant, University of Washington
- Met with clients, identified research questions and methods, made recommendations for analysis, assisted with analysis, and wrote statistical reports.

Research Assistant, University of Washington
- Collected, organized, and reviewed publications regarding salmon escapement methodologies (using EndNote),
- Analyzed escapement methods with respect to statistical first principles, wrote summaries of analyses (in LaTex)

Publications

Parsons, A. L., and J. R. Skalski. 2009. A statistical critique of estimating salmon escapement in the Pacific Northwest. Volume XXIV in the Design and Analysis of Salmonid Tagging Studies in the Columbia Basin. Bonneville Power Administration, Portland, OR.

Parsons, A. L., and J. R. Skalski. 2009. A bibliography of literature on estimating salmon escapement with focus on the Pacific Northwest. Volume XXV in the Design and Analysis of Salmonid Tagging Studies in the Columbia Basin. Bonneville Power Administration, Portland, OR.

Parsons, A.L. 2009. Estimating Pacific Northwest Salmon Escapement, A Methods Review Based on Statistical First Principles. Master's Thesis. University of Washington, Seattle, WA.