



NATURAL RESOURCES CONSULTANTS, INC.

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CURRICULUM VITAE
SCOTT E. GOODMAN

Fisheries Biologist/Field Systems Supervisor
Vice President (Treasurer)

Education

2010 M.M.A Marine Affairs - University of Washington, Seattle
1994 B.S. Fisheries Management - University of Washington, Seattle

Experience

1994-present Natural Resources Consultants, Inc. – Seattle
Fisheries Biologist/Field Systems Supervisor
V.P./Treasurer/Partner

1991-1994 United Parcel Service – Seattle
Shift Manager

Recent Work (2005-present)

- Chief scientist for ongoing cooperative industry/government Bering Sea crab trawl surveys (BSFRF)
- Field party chief for ongoing fisheries ecology surveys in the Chukchi Sea (CESP)
- Lead analyst in independent audit of several NMFS Bering Sea crab survey databases and reports
- Oversee all aspects of, and participate in most NRC fisheries at sea and field research
- Manage all NRC GIS and non GIS databases including information from all GOA and BSAI fisheries

Special Assignments

2007-14 Served as chief scientist onboard Bering Sea trawl surveys of red king crab in May-June 2007-08, trawl surveys of Bering Sea snow crab in July, 2009 and July, 2010, trawl surveys of red king crab in inshore Bristol Bay in June 2011-12, and trawl surveys of red king crab pre-recruits and Tanner crab in June, 2013-14. Coordinated research efforts with efficient communication among diverse work group (skipper/crew, NMFS, ADFG, multi-national scientists) while at sea. Maintained integrity of all electronic survey data onboard. Presented results to industry, interagency science group, North Pacific Research Board and North Pacific Fishery Management Council.

- 2005 Served as field supervisor onboard Bering Sea crab survey in June. Coordinated research efforts among diverse work group (skipper/crew, NMFS, ADFG, multi-national scientists) while at sea. Maintained integrity of all electronic survey data onboard. Exceeded planned red king crab survey allowing for further survey days on Bering Sea *opilio* Tanner crab grounds.
- 2003-present Participated in Puget Sound derelict fishing gear removal operations and data management. Provided GIS database development support and analyses of project summary materials. Assisted project manager with coordination of work between divers, scientists and commercial and recreational fishermen.
- 1998-2002 Project management of ongoing surveys, data collection and analysis, and final report preparation for confidential project monitoring commercial salmon fisheries in sensitive areas. Included setup and maintenance of surveillance cameras and other equipment as well as on-sight surveillance of fisheries activities.
- 1995-1997 Served as the lead field supervisor/biologist for 3-year multi-million dollar at-sea data collection project coordinating research with observers, and commercial/recreational vessel operators in Washington, Oregon and California. Spent several months setting up and running satellite office for NRC as well as spending 20-50 days a year at sea during the project overseeing several observers and directing research.
- 1994-1995 Served as field supervisor for pilot study collecting data during commercial fishing operations for Puget Sound purse seine salmon fishing. Developed onboard holding tank system to monitor the short-term survival of salmon bycatch. Coordinated research with Washington Department of Fish & Wildlife and U.S. Fish and Wildlife Service biologists.

Publications

- Somerton, D., Goodman, S., Foy, R., Rugolo, L., and Slater, L. 2013. Growth per molt of snow crab in the eastern Bering Sea, North American Journal of Fisheries Management, 33:1, 140-147.
- Somerton, D., Weinberg, K. and Goodman, S.E. 2013. Catchability of snow crab (*Chionoecetes opilio*) by the eastern Bering Sea bottom trawl survey estimated using a catch comparison experiment, Canadian Journal of Fisheries and Aquatic Sciences, 70 (12), 1699-1708.
- Somerton, D., Weinberg, K. and Goodman, S.E. 2011. Snow crab selectivity by the NMFS survey trawl. Summary document submitted to the NPFMC-SSC for review of summer 2010 cooperative research. 23 p.
- Goodman, S.E. 2010. Trawling for answers: the successful evolution of a cooperative research program for Bering Sea crab resources. M.S. Thesis submitted in partial fulfillment of the requirements for Master of Marine Affairs degree. School of Marine Affairs – College of Ocean and Fisheries Science, University of Washington, Seattle. 164 p.
- Somerton, D., Weinberg, K. and Goodman, S.E. 2010. Review of the research to estimate snow crab selectivity by the NMFS survey trawl. Summary document submitted to the NPFMC-SSC for review of summer 2009 cooperative research. 12 p.

- Hughes, S.E., S.E. Goodman. 2009. Assessment of Bristol Bay red king crab (*Paralithodes camtschaticus*) resource for future management action--a new approach. North Pacific Research Board Final Report 825, 50 p.
- Hughes, S.E., S.E. Goodman. 2008. Assessment of Bristol Bay red king crab (*Paralithodes camtschaticus*) resource for future management action--a new approach. North Pacific Research Board Final Report 625, 114 p.
- Hughes, S.E. and Goodman, S.E. 2005. Preliminary results of Bering Sea assessments conducted during June 2005 by the Bering Sea Fisheries Research Foundation—A pilot study. North Pacific Fisheries Management Council, BSAI Crab SAFE, Appendix B. 20 p.