

Marine Ecosystem Sustainability in Alaska, A New Interdisciplinary Graduate Study Program

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The University of Alaska Fairbanks introduces a new interdisciplinary graduate training program in marine ecosystem sustainability. This program will prepare professionals to solve problems arising at the interface between dynamic environmental and social systems. Students will gain a broad background in fishery science, ecology, marine science, marine policy, economics, and anthropology to complement their own specialized expertise acquired through dissertation research and study.

- * Students will collaborate on research that transcends traditional disciplinary boundaries.

- * They will learn to address the unique challenges of ecosystem-based management and to understand its implications for society.

- * The program will challenge students to develop innovative approaches to pressing real-world problems.

- * Course work includes marine ecosystem science, traditional ecological knowledge, fisheries management, and resilience theory.

- * Students will have opportunities to mentor Alaska Native and rural Alaskan undergraduates.

We are actively recruiting PhD and MS students starting in 2009. Prospective PhD students (US citizens) can apply for 2 years guaranteed fellowship of \$30K per year plus tuition, health insurance, and research funding. Graduates will be well-prepared to devise ecosystem-based solutions to critical research and stewardship questions in the sustainable use of living marine resources, skills that are critically needed in today's society.