

DATA MANAGEMENT PLAN

Data description

This research will produce information on kelp forest community structure and ecosystem functioning in the Aleutian Archipelago. It will also produce data regarding the effects that widespread losses of these beds have on trophic interactions, macroalgal photosynthesis and ecosystem net primary production. It will also produce data on seaweed physiology along a longitudinal gradient.

Access and sharing

These data will first be used to publish peer-reviewed manuscripts and for presentations at scientific meetings. These data will be made available following these activities to various academic and public groups. First, we will provide these data to other academic institutions and high schools, and to the public via seminars and a series of short video that will all be placed on a dedicated server that will be accessible to the public.

Data storage and back-up

These data will be immediately stored on university computers dedicated to this project. It will also be archived on CD data disks for long-term storage.

Intellectual property rights

The PIs (Edwards, Konar) and their institutions (SDSU, UAF) have primary rights to these data, but will grant permission to use them as requests are generated. They will share them with collaborators and through web-based access.

Format

These data will be stored in two primary formats. First as Excel worksheets and second in an Access Database linked to long-term data for all the sites listed in this proposal.

Quality assurance

We will keep hard copies of all data in notebooks to ensure no data are lost and to compare electronic copies with original copies. Quality assurance will be in compliance with university standards.

Budget and legal requirements

No legal restrictions for these data are expected. The budget is sufficient for the data storage. A computer has already been supplied by the university for this purpose.

Audience

These data will be made available to other researchers and high school teachers who want to use them in their classrooms, and public groups who want to use them in public seminars.