



Alaska Space Grant Program

Geospatial Workforce Development in Alaska;

Aligned with the NASA Earth Science Enterprise (ESE).

University of Alaska Fairbanks

The University of Alaska Fairbanks is the Land, Sea, and Space Grant institution for the State of Alaska and the home to an active geospatial research community. As the lead institution for ASGP, UAF provides coordination for this effort so that the activities by the affiliates collectively provide a balanced statewide program that meets the overall workforce development objectives. As a part of the UAF effort, Dr. Anupma Prakash worked with undergraduate Christen Nielsen to produce a K-5 through 8 geospatial introduction called Alaska: A Bird's Eye View, which is now available at www.uaf.edu/asgp/k12



University of Alaska Anchorage

The University of Alaska Anchorage is an urban university serving the largest population center of Alaska. UAA currently offers a vibrant Geomatics degree program. In the fall of 2002, Affiliate Director Dr. Cherie Northon and Professor Tom Eley offered a GIS certification program with the help of workforce development funding.

University of Alaska Southeast

The University of Alaska Southeast is a growing regional university with a main campus in Juneau and extended campuses in Sitka and Ketchikan. Space Grant activities at UAS focus on using GPS technology to link field data with satellite imagery in the study of glacial, hydrological, and chemical weathering processes in local watersheds. The five students pictured below received geospatial workforce development scholarships this summer to help them in their work on the Juneau Ice field Research Project with affiliate director Dr. Cathy Conner.



Alaska Pacific University

The Alaska Pacific University is a small private university in Anchorage, Alaska. APU offers an excellent teacher education program that helps teachers throughout Alaska to develop and enhance curricula to address national and state standards. Affiliate Director Dr. Ted Munsch provided, as a part of their workforce development work, geospatial in-service workshops in rural Alaska. Students in the education department at APU had a wonderful opportunity to participate in this effort.

The Imaginarium Science Discovery Center

The Imaginarium Science Discovery Center in Anchorage, Alaska, is a non-profit science museum dedicated to promoting the creative exploration of science concepts through discovery-based models that reach out and involve all facets of Alaska's diverse population. For this project, the Mr. Lincoln Garrick of the Imaginarium is developing a hands-on remote sensing exhibit for precollege students and the general public that promotes research activities and career opportunities associated with the NASA Earth Science Enterprise and Geospatial Information Technology.