

# Agricultural and Forestry Experiment Station

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The Agricultural and Forestry Experiment Station conducts research to enhance the quality of life in Alaska through development of natural, economic and human resources. Research emphasizes factors typical of high latitudes and is designed to provide the information and technology needed to manage renewable resources for the economic and social well-being of Alaskans. This work includes studies of natural and manipulated ecosystems, sustainable soil productivity, genetics for improved plant productivity, food production and food security. Additional research involves economic and legal aspects of resource use, silviculture and forest management, resource use for tourism and recreation, and education and communications in resource management.

AFES, in cooperation with state and federal agencies, conducts research at sites in Fairbanks, Palmer and Delta Junction. AFES faculty have research sites within the Long-Term Ecological Research program funded by the National Science Foundation. This research, which is determining the structure and function of northern boreal forest ecosystems, forms the basis for sustainable forest management practices.

AFES researchers represent the disciplines of agronomy, forestry, horticulture, land use planning, invasive species management, outdoor recreation, resource policy and law, plant pathology and soil science. For more information, visit the AFES website (<https://www.uaf.edu/afes/>) or call 907-474-5211.