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Scenarios Network for Alaska Planning
University of Alaska Fairbanks
College Road
Fairbanks, AK 99709

Dear Scenarios Network for Alaska Planning Hiring Committee,

I am contacting you to introduce myself as a candidate for the position of "Spatial Analyst" with the Scenarios Network for Alaska Planning. I currently work as a contract GIS Analyst and programmer for Dr. Falk Huettmann at the Laboratory for Ecological Wildlife Habitat Data Analysis for the Land- and Seascape (EWHALE), an entity of the Institute of Arctic Biology at the University of Alaska Fairbanks. The team at EWHALE works with organizations in global conservation and management issues through use of state of the art modeling algorithms to estimate or predict changes within an ecological system. My current work examines changes in the climate of Alaska and Western Canada; initially characterizing common climatic regions, followed by analysis of how these may change with predicted changes in future climate.

Through employment with the EWHALE lab I have gained substantial experience in quantitative environmental modeling, working with extremely large geographic datasets, Python and R programming, and working with a diverse group of stakeholders in our work both here in Alaska and abroad. Further, this position involved working individually on geospatial processing and modeling, but also being a core member of a team ranging from biologists and statisticians to environmental policy analysts, all working toward a common goal.

My main career interest is to continue learning and applying the knowledge gained in geospatial analysis and remote sensing to aid in environmental decision-making in a changing climate. I am particularly interested in the rapidly changing climates of Alaska and the Arctic and strive to be involved with an organization bringing together good science and policy for the benefit of people and ecosystems.

I look forward to an opportunity to speak with you regarding my qualifications and what I can bring to the Scenarios Network for Alaska Planning as a Spatial Analyst. Thank you for your time and consideration in this exciting opportunity.

Sincerely,

Michael A. Lindgren