

**Hank Statscewich**

University of Alaska, Fairbanks  
907-474-7245

hank.t4 264(nk)ank Employment:

2001 - Present Research Engineer, University of Alaska, Fairbanks, AK

1998 - 2001 Graduate Assistant, Rutgers University, New Brunswick, NJ

1994 - 1997 Field Technician, Institute of Marine Science, New Brunswick, NJ

**Appointments:**

1999-2001 Graduate Student, Physical Oceanography Rutgers University, NJ

**Professional Affiliations:**

1998 - Present American Geophysical Union

2002 - Present Marine Technology Society

2004 - Present Radiowave Oceanography Working Group (Founding Member)

2005 - Present Solar Energy International

**Awards**

2014 Alaska Innovators Hall of Fame – Hank Statscewich, “The Power Supplier”

**Research Activities:**

My current research activities focus on developing autonomous and remote sensing networks including high frequency radars, underwater autonomous vehicles, drifting meteorological sensors and moored oceanographic instrumentation. My specializations include data analysis, visualization and interpretation of remote sensing and in situ datasets for validating models of current movements, temperature fluctuations and optical variability in Sub-Arctic and Antarctic waters of the Northern Gulf of Alaska, Cook Inlet, Prineof Beaufort Sea, Chukchi Sea and the Southern Ocean. I collect and analyze data acquired from subsurface oceanographic instrumentation, survey vessels, satellite sensors, coastal High Frequency RADAR stations. I oversee many aspects of oceanographic research including management, field logistics, data analysis, permit applications, report preparation and development. I currently manage a small laboratory, fabrication facility and analyze data for full time employees and between five to ten graduate students. I have also been involved in educational outreach programs, which include teaching K-12, community college and university students about the earth’s climate and oceanography.

**Publications:**

Eicken, H., A. Mahoney, J. Jones, T. Heinrichs, H. Bader, D. Broderson, **H. Statscewich**, T. Ravens, and M. Ivey, M. (2017), Sustained observations of changing marine environments and their potential contribution to Arctic maritime case study in northern Alaska, ARCTIC Journal, (*in press*).

Bernard, K., M. Cimino, W. Fraser, J. Kohut, M. Oliver, D. Patterson-Fraser, O. Schofield, **H. Statscewich**, D. Steinberg, P. Winsor (2017), Factors that affect the nearshore aggregations of

Antarctic krill in a biological hotspot, Deep-Sea Research Part I, doi: 10.1016/j.dsr.2017.05.008  
(*in press*).

Potter, R. A.; Weingartner, T. J.; Dobbins, E. L.; **Statscewich, H.**; Winsor, P., "Surface Circulation