

Thomas Van Pelt

University of Washington- JISAO
NOAA- Pacific Marine Environmental Laboratory
7600 Sand Point Way NE, Seattle, WA 98115
thomas.vanpelt@noaa.gov

and

Transboundary Ecologic LLC
Postal address: 7006 25th Ave NW, Seattle, WA, 98117
Business address: 645 G Street, Suite 100-740, Anchorage, AK, 99501
tvanpelt@transboundary.net

1. Professional Preparation

University of California at Santa Cruz	Biology	Bachelor of Arts (BA), 1992
University of Glasgow	Ecology	Master of Science (MSc), 2000

2. Appointments

Research Coordinator, UW-JISAO & NOAA-PMEL; 2016-present
Consulting Biologist & Principal, Transboundary Ecologic LLC; 2005-present
Program Manager; North Pacific Research Board; 2008-2012
Conservation Biologist; Audubon Alaska; 2005-2008
International Conservation Specialist; US Fish & Wildlife Service; 2003-2005
Research Wildlife Biologist; US Geological Survey; 1995-2003
Biotechnician; US Fish & Wildlife Service; 1992-1995

3. Current and past grantors and clients

National Science Foundation; North Pacific Research Board; The Pew Charitable Trusts; US Fish and Wildlife Service; Alaska Ocean Observing System; Agnew::Beck Consulting; Alaska Marine Conservation Council; World Wildlife Fund; The Nature Conservancy; US Geological Survey

3. Selected Publications

Van Pelt, T.I., Huntington, H.P., 2016, in prep. The missing middle: fishery research, management, and information gaps in the Central Arctic Ocean.

Van Pelt, T.I. (ed.). 2015. The Bering Sea Project: Understanding ecosystem processes in the Bering Sea. Anchorage, AK: North Pacific Research Board. 84 pp.

Wiese, F.K., Wiseman Jr., W.J., Van Pelt, T.I., 2012. Bering Sea linkages. Deep-Sea Res. II 65–70, 2–5.

Artukhin, Y.B., Vyatkin, P.S., Andreev, A.V., Konyukhov, N.B. and Van Pelt, T.I. 2011. Status of the Kittlitz's Murrelet in Russia. Marine Ornithology 39: 23–33.

Sigler, M. F., H. R. Harvey, C. J. Ashjian, M. W. Lomas, J. M. Napp, P. J. Stabeno, and T. I. Van Pelt. 2010. How Does Climate Change Affect the Bering Sea Ecosystem? Eos Trans. AGU, 91(48): 457, doi:10.1029/2010EO480001.

- Harding, A.M.A., K. Hobson, W. Walkusz, K. Dmoch, N. Karnovsky, T.I. Van Pelt, and J.T. Lifjeld. 2008. Can stable isotope ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) measurements of little auk (*Alle alle*) adults and chicks be used to track changes in high-Arctic marine foodwebs? *Polar Biology* 31(6):725-733, doi: 10.1007/s00300-008-0413-4
- Piatt, J.F., A.M.A. Harding, M. Shultz, S.G. Speckman, T.I. Van Pelt, G.S. Drew, and A.B. Kettle. 2007. Seabirds as indicators of marine food supplies: Cairns revisited. *Marine Ecology Progress Series* 352:221-234.
- Andreev, A.V., and T.I. Van Pelt. 2007. The distribution and number of seabirds in the coastal waters of Shelikhov Bay (Sea of Okhotsk, Russia). *Russian Academy of Sciences Bulletin* 2:4-17 (in Russian).
- Harding, A.M.A., J.F. Piatt, J. Schmutz, M.T. Shultz, T.I. Van Pelt, A.B. Kettle, S.G. Speckman. 2007. Prey density and the behavioral flexibility of a marine predator: the Common Murre (*Uria aalge*). *Ecology* 88:2024-2033.
- Konyukhov, N.B., L.S. Bogoslovskaya, B.M. Zvonov, and T.I. Van Pelt. 1998. Seabirds of the Chukotka Peninsula, Russia. *Arctic* 51:315-329.
- Piatt, J.F. and T.I. Van Pelt. 1997. Mass-mortality of Guillemots (*Uria aalge*) in the Gulf of Alaska in 1993. *Marine Pollution Bulletin*, 34(8): 656-662.
- Van Pelt, T.I., J.F. Piatt, B. Lance, and D. Roby. 1997. Proximate composition and energy density of some North Pacific forage fishes. *Comparative Biochemistry and Physiology*. 118A(4): 1393-1398.
- Van Pelt, T. I. and J. F. Piatt. 1995. Deposition and persistence of beachcast seabird carcasses. *Marine Pollution Bulletin* 30:794-802.

4. Selected presentations and popular media

- Van Pelt, T.I. 2016. Framework, focus, and principles for coordinating science in the Central Arctic Ocean. Roundtable on Central Arctic Ocean Ecosystem and Fisheries Issues. Korea Polar Research Institute. Incheon, Korea.
- Van Pelt, T.I., N. Melia, and F. Oberle. 2014. What is needed in terms of student education and training to prepare for the cross-sectorial challenges in Arctic research? ACCESS Newsletter; Hamburg, Germany.
- Van Pelt, T.I., F.K. Wiese, and W.J. Wiseman. 2011. Ecosystem-scale science: The Bering Sea Project. Ecosystem Studies of Sub-Arctic Seas (ESSAS) Open Science Meeting 2011; Seattle, WA.
- Van Pelt, T.I., Y.B. Artukhin, P.S. Vyatkin, A.V. Andreev, and N.B. Konyukhov. 2011. Status of Kittlitz's Murrelet in Russia. Alaska Marine Science Symposium, Anchorage, AK.
- Deans, N., T.I. Van Pelt, F. Wiese, C. Rosner. 2010. Communicating ecosystem science: The Bering Sea Project. PICES [North Pacific Marine Science Organization] 2010 Annual Meeting, Portland, OR.
- Van Pelt, T.I. 2009. Introduction to the Bering Sea Project. Public presentation to the Bering Sea Elders Advisory Group, Yukon/Kuskokwim Summit, Bethel, Alaska.
- Van Pelt, T.I. 2009. 'Logbook' reports from the Bering Sea Project integrated late winter research cruise aboard the USCG icebreaker "Healy". Available at: <http://goo.gl/xe4epO>
- Van Pelt, T.I., O. Romanenko, N. Pavlov, G.V. Byrd, S. Zagrebel'niy, and J. Williams. 2008. Transboundary Cooperation: Commander Islands and Aleutian Islands Working Together as "Sister Biosphere Reserves". 3rd World Congress of Biosphere Reserves, Madrid, Spain.
- Sowls, A.L., N. Pavlov, S. Zagrebel'niy, T.I. Van Pelt, and O. Romanenko. 2007. Cooperative seabird conservation between the Alaska Maritime National Wildlife Refuge, USA, and the Commander Islands Nature Reserve, Russia. 2007 Pacific Seabird Group Annual Meeting, Pacific Grove, CA.
- Van Pelt, T.I. 2007. Surveying seabirds from ferries: workshop on methods for seabird surveys as a tool for oil spill preparation. Invited by Japan Environmental Disaster Information Center. Nagoya, Japan.

- Van Pelt, T.I., and A.V. Andreev. 2006. Russian-Alaskan expedition to Shelikhova Bay: progress toward estimating the Kittlitz's Murrelet population in the Russian Far East. Pacific Seabird Group 33rd Annual Meeting; Girdwood, Alaska.
- Van Pelt, T.I. 2006. Partnership across the Bering Sea. WWF Arctic Bulletin. No. 3.06.
- Van Pelt, T.I. 2006. Rats- threats to wildlife. Producer for Russian version of outreach DVD. Joint production with Alaska Maritime National Wildlife Refuge and WWF Bering Sea.
- Van Pelt, T.I. 2006. Expedition seeks data on rare seabird. Bering Sea Ecoregion News. Winter 2005/2006.
- Davis, J.B., and T.I. Van Pelt. 2005. "Sister MPAs": Building International Relationships Between Sites to Share Lessons. Marine Protected Area News, Vol. 7, No. 2.
- Van Pelt, T.I. 2005. The mystery of seabird decline. WWF Arctic Bulletin. No. 3.05.
- Pavlov, N.N., A. Morkill, and T.I. Van Pelt. 2005. An introduction to the Commander Islands. Public presentation to the Homer Rotary Club.
- Van Pelt, T.I. 2005. Russia's Commander Islands. Public presentation for the BLM Fireside Chat series.
- Romanenko, O., T.I. Van Pelt, S. Senner, and K. Wohl. 2004. Next steps for Bering Sea Important Bird Areas: A conservation plan for the Commander Islands. 10th Alaska Bird Conference, Anchorage, Alaska.

5. Synergistic Activities

- Technical reviewer for scientific journals *Marine Biology*; *Marine Ornithology*; *Comparative Biochemistry and Physiology (A)*; *Marine Pollution Bulletin*; *Arctic*; *Deep-Sea Research Part II*; *Endangered Species Research*; Technical reviewer for National Institute of Standards and Technology; Technical reviewer for North Pacific Research Board; contributor to United States National Climate Assessment
- Managing guest editor, *Deep-Sea Research Part II*; 2010-present
- Scientific Advisory Group, COASSTNET project, University of Washington; 2011-2015
- Organizing and Abstract Committee member, Alaska Marine Science Symposium; 2008-present
- Chair, Organizing Committee, Bering Sea Open Science Meeting; 2013

6. Current and former collaborators

- A.V. Andreev (IBPN Russia); M.L. Arimitsu (USGS-Alaska); Y.B. Artukhin (Russian Academy of Sciences); C.J. Ashjian (WHOI); H.R. Harvey (Old Dominion University); H. Huntington (The Pew Charitable Trusts); N.B. Konyukhov (Russian Bird Ringing Centre); M.W. Lomas (Bigelow Laboratory of Ocean Sciences); E.N. Madison (USGS-Alaska); P. Monaghan (University of Glasgow); S. Moore (NOAA-OST); J.M. Napp (NOAA-AFSC); Y. Niizuma (Meijo University- Japan); J.F. Piatt (USGS-Alaska); A. Poe (Aleutian & Bering Sea Islands LCC); O.V. Romanenko (The Pew Charitable Trusts); S. Senner (Ocean Conservancy); M.F. Sigler (NOAA-AFSC); J. Smith (TNC); P.J. Stabeno (PMEL); M. McCammon (AOOS); W.J. Wiseman Jr. (NSF)