

# **New Books at the Keith B. Mather Library**

October 16, 2009

**Active Tectonics and Seismic Potential of Alaska** / edited by Jeffrey T. Freymueller, Peter J. Haeussler, Robert L. Wesson, Goran Ekstrom

**Astronomical Theory of Ice Ages: New Approximations. Solutions and Challenges** / by V.P. Melnikov, J.J. Smulsky

**Atmospheric Aerosol Properties and Climate Impacts** / U.S. Climate Change Science Program

**Atmospheric Science for Environmental Scientists** / by C.N. Hewitt and A.V. Jackson

**Basics of the Solar Wind** / by Nicole Meyer-Vernet

**A Breviary of Seismic Topography: Imaging the Interior of the Earth and Sun** / by Guust Nolet

**Canadian Communities' Guidebook for Adaptation to Climate Change** / by Livia Bizikova, Tina Neale, Ian Burton

**Climate Change and Biodiversity: Implications for Monitoring, Science and Adaptive Planning** / by D.C. MacIver, M.B. Karsh, N. Comer

**Climate Change and Biodiversity in the Americas** / edited by Adam French, Dan MacIver, Francisco Dallmeier

**Climate Change Reconsidered** / Report of the Nongovernmental International Panel on Climate Change

**The Concise Geologic Time Scale** / by James G. Ogg, Gabi Ogg and Felix M. Gradstein

**Creep and Fracture of Ice** / by Erland M. Schulson and Paul Duval

**Data Assimilation for Atmospheric, Oceanic and Hydrologic Applications** / edited by Seon K. Park, Liang Xu

**Deformation of Earth Materials: An Introduction to the Rheology of Solid Earth** / by Shun-Ichiro Karato

**Edwards Disaster Recovery Directory**

**Geological Fluid Dynamics: Sub-surface Flow and Reactions** / by O.M. Phillips

**Geophysical Continua** / by Brian L.N. Kennett and Hans-Peter Bunge

**A Grain of Sand** / by Dr. Gary Greenburg

**James Lovelock: In Search of Gaia** / by John Gribbin & Mary Gribbin

**Mitigating natural hazards in active arc environments** / 6<sup>th</sup> Biennial Workshop on Japan-Kamchatka-Alaska Subduction Processes (JKASP-2009)

**New Permafrost and Glacier Research** / edited by Max I. Krugger, Harry P. Stern

**Numerical Techniques in Electromagnetics** / by Matthew N.O. Sadiku

**Parameter Estimation and Inverse Problems** / by Richard C. Aster, Brian Borchers, Clifford H. Thurber

**Past Climate Variability and Change in the Arctic and at High Latitudes** / U.S. Climate Change Science Program

**Physics of Tsunamis** / by Boris Levin, Mikhail Nosov

**Planetary Crusts: Their Composition, Origin and Evolution** / by Stuart Ross Taylor and Scott M. McLennan

**Publication Manual** / American Psychological Association

**Riding Rockets: The Outrageous Tales of a Space Shuttle Astronaut** / by Mike Mullane

**Satellite Image Atlas of Glaciers of the World: Alaska** / USGS Professional Paper 1386-K

**Science for Alaska Lecture Series 2009 DVDs:**

**Frosty Feathers: Avian Tales of Winter Survival** / by Susan Sharbaugh

**Is Alaska's Oil Age Ending?: Living Energy Efficient** / by Rich Seifert

**Out of the Blues: Shaking Off Seasonal Affective Disorder** / by Suzanne Womack Strisik

**Planes Without Pilots: Using Unmanned Aircraft for Research** / by Greg Walker

**Rockets Into the Aurora** / by Dirk Lummerzheim

**Volcano Detectives: Locating Predicting and Avoiding Ash Clouds** / by Peter Webley

**Scientific Value of Arctic Sea Ice Imagery Derived Products** / National Research Council

**Seismic Inverse Q Filtering** / by Yanghua Wang

**Snowstruck: In the Grip of Avalanches** / by Jill Fredston

**Synthesis: Three Decades of Research on Socioeconomic Effects Related to Offshore Petroleum Development in Coastal Alaska** / edited by Stephan R. Braund, Jack Kruse

**Tectonically Active Landscapes** / by William B. Bull

**Understanding and Identifying Old Ice in Summer** / by M.E. Johnston and G.W. Timco

**Viscoelastic Waves in Layered Media** / by Roger D. Borchardt

**Waves in Geophysical Fluids: Tsunamis, Rogue Waves, Internal Waves and Internal Tides** / edited by John Grue, Karsten Trulsen