

Lithosphere

ISSN 1941-8264 | VOLUME 9 | NUMBER 1 | FEBRUARY 2017

Lithosphere, a peer-reviewed journal launched in 2009, focuses on processes that affect the crust, upper mantle, landscapes, and/or sedimentary systems at all spatial and temporal scales. The journal particularly welcomes, but is not limited to, submissions that document the feedback relationships among geomorphic, lithospheric, and upper mantle processes.

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Lithosphere (ISSN 1941-8264, USPS 025305) is published bimonthly by The Geological Society of America, Inc. (GSA), with offices at 3300 Penrose Place, Boulder, Colorado. Mailing address is P.O. Box 9140, Boulder, CO 80301-9140, USA. Periodicals postage paid at Boulder, Colorado, and at additional mailing offices. Postmaster: Send address changes to *Lithosphere*, Sales & Service, P.O. Box 9140, Boulder, CO 80301-9140, USA, or e-mail to lithosphere@geosociety.org.

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COVER: Uplifted backarc basin strata on the western Alaska Peninsula near Port Moller, Alaska. The bedded strata are composed of the Bear Lake Formation that records marginal marine conditions during Miocene time. These strata have been exhumed during the Pliocene, possibly due to a shift in motion of the subducting Pacific plate ~5 Ma. See "Links between sedimentary basin development and Pacific Basin plate kinematics recorded in Jurassic to Miocene strata on the western Alaska Peninsula" by E.S. Finzel and K.D. Ridgway, doi:10.1130/L592.1.

PHOTO BY: Emily S. Finzel

COVER DESIGN BY: Heather L. Sutphin