

QUATERNARY RESEARCH

SENIOR EDITORS

Derek B. Booth
Alan R. Gillespie

ASSOCIATE EDITORS

Kenneth Adams, Patrick J. Bartlein, Bax R. Barton, John Dodson, Jaime Fucugauchi, John F. Hoffecker, Vance T. Holliday, Kathryn A. Hoppe, James C. Knox, Zhong-Ping Lai, Thomas M. Marchitto, Jr., Curtis W. Marean, David J. Meltzer, Daniel R. Muhs, James O'Connor, Michael A. O'Neal, W. Wyatt Oswald, Lewis A. Owen, Jay Quade, Gerard Roe, Ashok K. Singhvi, Xiaoping Yang

EDITORS EMERITI

A. Lincoln Washburn
Estella B. Leopold
Stephen C. Porter
Eric J. Steig

MANAGING EDITOR

Karin Perring

Quaternary Research Center

Box 351360

University of Washington
Seattle, WA 98195-1360

EDITORIAL ADVISORY BOARD

THURE E. CERLING

University of Utah
*Terrestrial Geochemistry and
Cosmogenic Isotopes*

JOHN DODSON

Australian Nuclear Science and
Technology Organization
Quaternary Environments

YEHOUDA ENZEL

Hebrew University of Jerusalem
Desert Geomorphology

DONALD K. GRAYSON

University of Washington
*Archaeology and Vertebrate Paleontology:
North America and Western Europe*

RICHARD G. KLEIN

Stanford University
*Archaeology and Vertebrate Paleontology:
Africa*

NICHOLAS LANCASTER

Desert Research Institute
*Quaternary Geology and Geomorphology:
Africa, Southwestern United States,
Desert Regions*

SOCORRO LOZANO-GARCIA

Universidad Nacional Autónoma de México
*Sediment and Ice-core Studies:
Tropical America*

COLIN V. MURRAY-WALLACE

University of Wollongong
*Coastal Evolution; Neotectonism;
Geochronology*

MILAN J. PAVICH

U. S. Geological Survey
*Quaternary Soils: Southeastern, Mid-
Continent and Southwestern United States*

DAVID E. SUGDEN

University of Edinburgh
*Glacial Geomorphology and Landscape
Evolution: Antarctica, Iceland, Northwest
Europe and Patagonia*

ANDREI A. VELICHKO

Russian Academy of Sciences
*Geography and Geomorphology:
Northern Eurasia*

KENNETH L. VEROSUB

University of California
*Paleoclimatology: China, Russia, Antarctica,
and North America*

CATHY L. WHITLOCK

Montana State University
*Paleoecology and Vegetation History:
North and South America*

LIPING ZHOU

Peking University
*Loess, Geochronology, and Geomorphology:
Central Asia, East Asia*



Quaternary Research is the research journal for the American Quaternary Association

Quaternary Research has no page charges. A full and complete Guide for Authors can be found at <http://elsevier.com/locate/yqres>.

Cover photo. Active linear dunes streaming downwind (northeastward) from the Adeii Eechii Cliffs escarpment, along the southwestern margin of the Moenkopi Plateau, Navajo and Hopi Reservations, northeastern Arizona. The prominent white unit is the Navajo sandstone; the red rocks to the left are lower Glen Canyon Group sandstones and shales. (Photo courtesy of Grant Meyer, University of New Mexico. See the article by Ellwein et al., pages 395–398, in this issue.)