

QUATERNARY RESEARCH

SENIOR EDITORS

Derek B. Booth
Alan R. Gillespie

ASSOCIATE EDITORS

Kenneth Adams, Patrick J. Bartlein, Bax R. Barton, Robert Booth, John Dodson, David Fink, Jaime Fucugauchi, Vance T. Holliday, Kathryn A. Hoppe, Matthew Lachniet, Zhongping Lai, Pete Langdon, Thomas Lowell, 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, Ashok K. Singhi, 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

ZHISHENG AN

Institute of Earth Environment, Chinese Academy of Sciences

Environmental change in arid areas; the deserts and salt lakes of northwestern

China; Chronology of human migration;

Luminescence dating

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. The high mountain range in far distance (~100 km) is the heavily glaciated Konga massif of the eastern Tibetan (Qinghai-Xizang) Plateau in Sichuan Province. The massif, with a peak elevation of 7556 m asl, is formed from Miocene granite (Roger et al., 1995). The central parts of the photo show well-preserved major planation surfaces at elevations of ~4500 m asl. The planation surfaces may have formed near sea level and characterize much of the Tibetan Plateau. View is to the east; photographed by Dr. Zhijun Zhao.