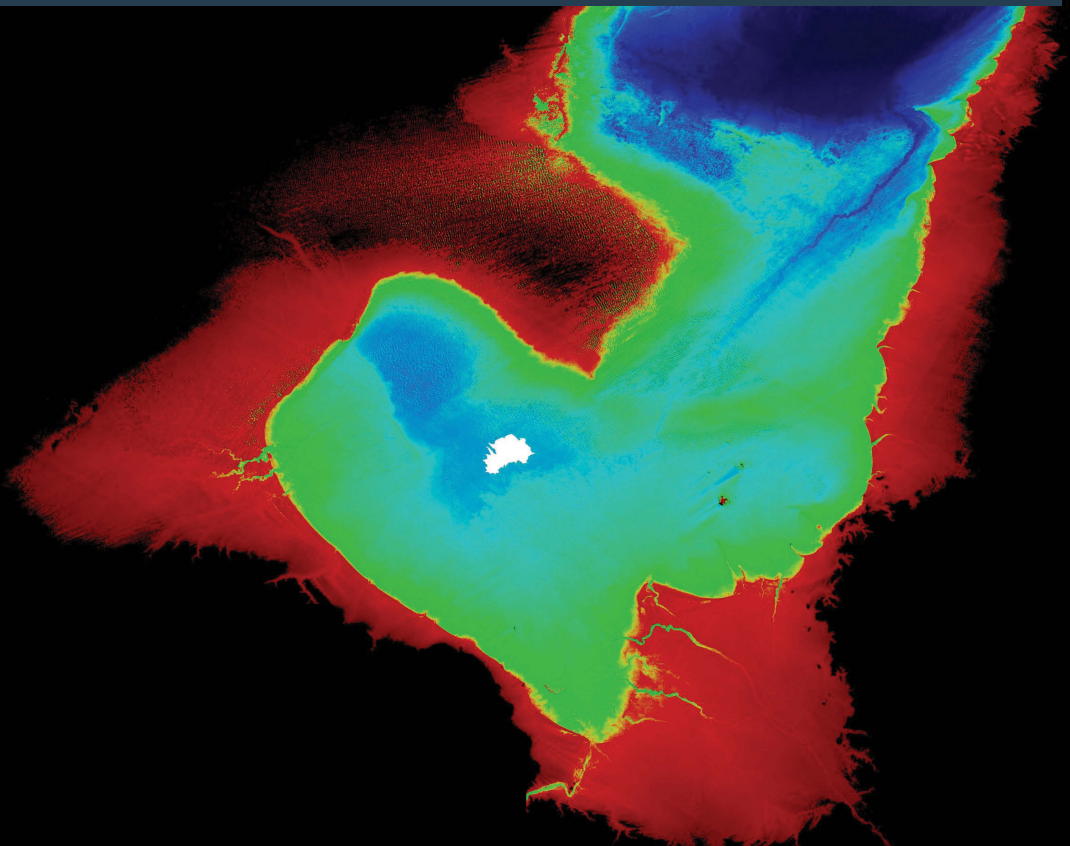


QR | QUATERNARY RESEARCH



EDITORS

Derek B. Booth
Nicholas Lancaster
Lewis A. Owen



CAMBRIDGE
UNIVERSITY PRESS

QUATERNARY RESEARCH

SENIOR EDITORS

Derek B. Booth
Nicholas Lancaster
Lewis A. Owen

ASSOCIATE EDITORS

Patrick J. Bartlein, Robert Booth, Louisa Bradtmiller, Aaron Diefendorf, John Dodson, Tyler Faith, Jaime Fucugauchi, Vance T. Holiday, Kathleen Johnson, Terri Lacourse, Pete Langdon, Thomas Lowell, Curtis W. Marean, Barbara Mauz, James O'Connor, W. Wyatt Oswald, Jeff Pigati, James Shulmeister, Ashok K. Singhvi, Xiaoping Yang

EDITORS EMERITI

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

MANAGING EDITOR

Karin Perring

Quaternary Research Center

Box 351360

University of Washington
Seattle, WA 98195-1360

EDITORIAL BOARD

ZHISHENG AN

Institute of Earth Environment, Chinese
Academy of Sciences
*Quaternary geology, monsoon and
global change, dust and aerosols*

GAIL ASHLEY

Rutgers University
*Paleoenvironments, paleohydrology of springs,
wetlands and rivers, geoarchaeology*

JULIE BRIGHAM-GRETTE

University of Massachusetts
*Stratigraphy, sedimentology, chronology
of Arctic climate and sea level*

JOHN DODSON

Institute of Earth Environments, Xi'an, China
*Australia, Pacific Islands, China, vegetation
history, human impacts*

YEHOUDA ENZEL

Hebrew University of Jerusalem
*Desert geomorphology, palaeohydrology of
lakes and streams*

DAVID FINK

Australian Nuclear Science and Technology
Organisation
Cosmogenic dating

SHERI FRITZ

University of Nebraska–Lincoln
*Paleoclimate, paleolimnology, diatom
ecology of North and South America*

ALAN R. GILLESPIE

University of Washington
*Glacial geology, paleoclimate, megafloods,
Central Asia*

LISA GRAUMLICH

University of Washington
*paleoclimatology, paleoecology,
climate change, mountain ecosystems*

RICHARD G. KLEIN

Stanford University
Human origins, Quaternary paleontology

MELANIE LENG

British Geological Survey,
University of Nottingham
*Stable isotope geochemistry, climate and
environmental change*

DANIEL R. MUHS

U.S. Geological Survey
*Quaternary sea level history, Eolian
stratigraphy, soils North America, Pacific,
Atlantic, and Caribbean Islands*

COLIN V. MURRAY-WALLACE

University of Wollongong
*Coastal evolution, neotectonism, geochronology,
Quaternary sea-level changes*

JAY QUADE

Department of Geosciences,
University of Arizona
*geochemistry, paleoclimatology,
Quaternary geology*

MARIA SOCORRO LOZANO-GARCIA

Universidad Nacional Autónoma de México
*Tropical paleoecology, paleoclimatology,
human impact on ecosystems*

CATHY L. WHITLOCK

Montana State University
*Paleoecology and vegetation history:
North and South America*

YURENA YANES

University of Cincinnati
*Isotope geochemistry, paleoclimatology,
Quaternary mollusks, taphonomy,
paleoecology*

LIPING ZHOU

Peking University
*Land-sea correlation, loess, geochronology,
geomorphology, Central Asia, East Asia*

Cover photo. Hill-shaded Shuttle Radar Topography Mission (SRTM, U.S. Geological Survey products) 3 arc-second digital elevation model (from 160 m asl [dark blue] to 360 m asl [red]) of the well-documented megalake Chad (~345,000 km²). The approximate extent of the present-day Lake Chad is marked a white polygon (~1400 km²; maximum width ~50 km). The shorelines of paleo-megalake Chad are clearly visible as the sharp transition from yellow to red at ~325 m asl. Paleo-megalake Chad was mostly fed from the south by rivers that head near the equator (Chari and Logone; the paleo-delta is visible in the southeastern part of the mega-lake). (See the article by Quade et al., pages 253-275 in this issue)