

CAMBRIDGE

Distinguished titles from Cambridge

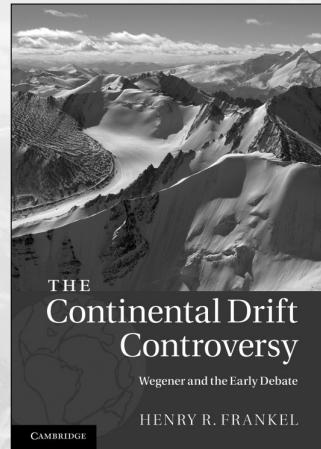
The Continental Drift Controversy

Wegener and the Early Debate

Volumes 1-4

Henry R. Frankel

Hardback: 978-0-521-87504-2: 2,000 pp.



Active Faults of the World

Robert Yeats

Hardback: 978-0-521-19085-5: 625 pp.

The City and the Coming Climate

Climate Change in the Places We Live

Brian Stone, Jr.

Hardback: 978-1-107-01671-2: 200 pp.

Paperback: 978-1-107-60258-8

Living in a Dangerous Climate

Climate Change and Human Evolution

Renée Hetherington

Hardback: 978-1-107-01725-2: 232 pp.

Paperback: 978-1-107-69473-6

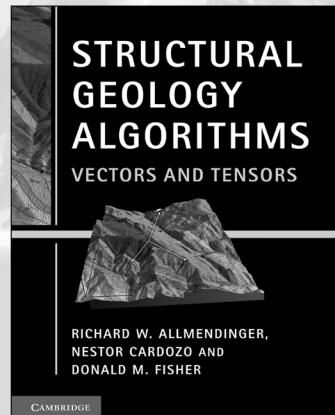
The Earth

Its Birth and Growth, 2nd Edition

Minoru Ozima, Jun Korenaga, and Qing-Zhu Yin

Hardback: 9780521760256: 168 pp.

Paperback: 978-1-107-60076-8

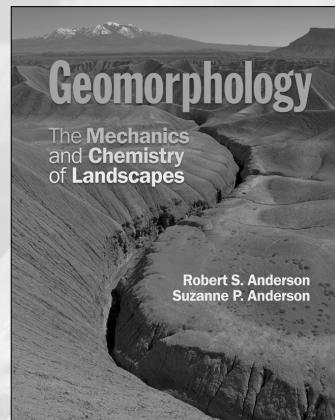


Structural Geology Algorithms

Vectors and Tensors

Richard W. Allmendinger, Nestor Cardozo, and Donald M. Fisher

Paperback: 978-1-107-40138-9: 302 pp.



Geomorphology

The Mechanics and Chemistry of Landscapes

Robert S. Anderson and Suzanne P. Anderson

Paperback: 978-0-521-51978-6: 654 pp.

Structural Geology

Haakon Fossen

Hardback: 978-0-521-51664-8: 480 pp.

Heat Generation and Transport in the Earth

Claude Jaupart and Jean-Claude Mareschal

Hardback: 978-0-521-89488-3: 476 pp.

Prices subject to change.

www.cambridge.org/us/earth
800.872.7423 (North America)
+44 1223 326050 (Europe, Middle East, and Africa)



CAMBRIDGE
UNIVERSITY PRESS

PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE
The Pitt Building, Trumpington Street, Cambridge CB2 1RP, United Kingdom

CAMBRIDGE UNIVERSITY PRESS
The Edinburgh Building, Cambridge CB2 8RU, United Kingdom
32 Avenue of the Americas, New York, NY 10013–2473, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
Ruiz de Alarcón 13, 28014 Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa

GEOLOGICAL MAGAZINE

CONTENTS

ORIGINAL ARTICLES

An evaluation of crustal assimilation within the Late Devonian South Mountain Batholith, SW Nova Scotia
Shellnutt, J. G. & Dostal, J.

353–365

Ostracods from freshwater and brackish environments of the Carboniferous of the Midland Valley of Scotland: the early colonization of terrestrial water bodies
Bennett, C. E., Siveter, D. J., Davies, S. J., Williams, M., Wilkinson, I. P., Browne, M. & Miller, C. G.

366–396

Description and ecology of a new Middle Ordovician (Llanvirn) odontopleurid trilobite from the Builth Inlier of Mid-Wales, with a review of the genus *Meadowtownella*
Conway, T. M. & Botting, J. P.

397–411

Karst development on a mobile substrate: Konarsiah salt extrusion, Iran
Zarei, M., Raeisi, E. & Talbot, C. J.

412–422

Provenance signatures for the Miocene volcanioclastic succession of the Tufiti di Tusa Formation, southern Apennines, Italy
Perri, F., Critelli, S., Cavalcante, F., Mongelli, G., Dominici, R., Sonnino M. & De Rosa, R.

423–442

Detrital zircon populations in quartzites of the Krkonoše–Jizera Massif: implications for pre-collisional history of the Saxothuringian Domain in the Bohemian Massif
Žáčková, E., Konopásek, J., Košler, J. & Jeřábek, P.

443–458

Geochronological, geochemical and Sr–Nd–Hf isotopic constraints on petrogenesis of Late Mesozoic gabbro–granite complexes on the southeast coast of Fujian, South China: insights into a depleted mantle source region and crust–mantle interactions
Li, Z., Qiu, J.-S. & Xu, X.-S.

459–482

The Liuyuan complex in the Beishan, NW China: a Carboniferous–Permian ophiolitic fore-arc sliver in the southern Altaiids
Mao, Q., Xiao, W., Windley, B. F., Han, C., Qu, J., Ao, S., Zhang J. & Guo, Q.

483–506

The graptolite, conodont and sedimentary record through the late Ludlow Kozlowskii Event (Silurian) in the shale-dominated succession of Bohemia
Manda, Š., Štorch, P., Slavík, L., Frýda, J., Kříž, J. & Tasáryová, Z.

507–531

Evidence of crystallization in residual, Cl–F-rich, aegapitic, trachyphonolitic magmas and primitive Mg-rich basalt–trachyphonolite interaction in the lava domes of the Phleorean Fields (Italy)

Melluso, L., De' Gennaro, R., Fedele, L., Franciosi, L., & Morra, V.

532–550

CORRIGENDUM

Evidence of crystallization in residual, Cl–F-rich, aegapitic, trachyphonolitic magmas and primitive Mg-rich basalt–trachyphonolite interaction in the lava domes of the Phleorean Fields (Italy) – CORRIGENDUM
Melluso, L., De' Gennaro, R., Fedele, L., Franciosi, L., & Morra, V.

551

RAPID COMMUNICATION

A ctenochasmatid pterosaur from the Stonesfield Slate (Bathonian, Middle Jurassic) of Oxfordshire, England
Buffetaut, E. & Jeffery, P.

552–556

BOOK REVIEWS

557–558

NEW PUBLICATIONS

559

This journal offers open access publishing through Cambridge Open Option. Please visit journals.cambridge.org/openoption for more information.

Cambridge Journals Online

For further information about this journal
please go to the journal web site at:
journals.cambridge.org/geo



MIX
Paper from
responsible sources
FSC® C018127

CAMBRIDGE
UNIVERSITY PRESS