

ON THE EDGE OF THE ANTHROPOCENE?

MODERN CLIMATE CHANGE AND THE PRACTICE OF
ARCHAEOLOGY

Archaeological Review from Cambridge

The *Archaeological Review from Cambridge* (ARC) is a biannual journal of archaeology. It is run on a non-profit, voluntary basis by postgraduate research students at the University of Cambridge.

Although primarily rooted in archaeological theory and practice, the ARC increasingly invites a range of perspectives with the aim of establishing a strong, interdisciplinary journal which will be of interest in a range of fields.

Archaeological Review from Cambridge
Department of Archaeology
University of Cambridge
Downing Street, Cambridge, CB2 3DZ
United Kingdom

<http://www.societies.cam.ac.uk/arc>

Volume 32.2: On the Edge of the Anthropocene?

Theme Editors: J. Eva Meharry, Rebecca Haboucha and Margaret Comer

Published in 2017. Opinions expressed in contributions do not necessarily reflect those of the editors or the ARC.

ISSN: 0261-4332

Issue design by J. Eva Meharry and Rebecca Haboucha

Cover photograph: Caitlin Rankin

Photograph of Claudia Comberti courtesy of Jessica P.R. Thorn

All images are the authors' own, except where otherwise stated

Printed by: Victoire Press Ltd

ARC Committee

General Editors

Eóin Parkinson and Lynette Talbot

Treasurer

Kimberley Watt

Secretary

Jess Thompson

Book Reviews

J. Eva Meharry

Subscriptions

Akshyeta Suryanarayan

General Members

Margaret Comer and Rebecca Haboucha

Publicity and Events

Samantha Leggett and Sara Morrisset

Web Management

Mark Haughton

IT Management

Leah Damman

Back Issue Sales

Peerapat Ouysook

Open Access

Lindsey Fine

ON THE EDGE OF THE ANTHROPOCENE?

MODERN CLIMATE CHANGE AND THE PRACTICE OF
ARCHAEOLOGY

EDITED BY J. EVA MEHARRY, REBECCA HABOUCOA AND
MARGARET COMER



Contents

Introduction	3
J. EVA MEHARRY, REBECCA HABOUCHA AND MARGARET COMER	
Modern Climate Change and Contemporary Environmental Archaeology	10
CHRISTINA VESTERGAARD AND FELIX RIEDE	
Toxic Landscapes: Excavating a Polluted World	25
HAEDEN STEWART	
Resiliency and Loss: A Case Study of Two Clusters of High Elevation Ice Patches in the Greater Yellowstone Ecosystem, USA	38
RACHEL RECKIN	
Parkaeology and Climate Change: Assessing the Vulnerability of Archaeological Resources at Klondike Gold Rush National Historical Park, Alaska	56
CAITLIN RANKIN, CHRISTY MOG AND SHAWN JONES	
Vulnerability of Indigenous Heritage Sites to Changing Sea Levels: Piloting a GIS-Based Approach in the Illawarra, New South Wales, Australia	78
SAMUEL KNOTT, KATHERINE SZABÓ, MAL RIDGES AND RICHARD FULLAGAR	
Climate Change Adaptation, Development and Archaeology in the Amazon	98
CLAUDIA COMBERTI	
Mitigating Climate Change Effects on Cultural Heritage?	123
VIBEKE VANDRUP MARTENS	
Scotland's Eroding Heritage: A Collaborative Response to the Impact of Climate Change	141
ELLIE GRAHAM, JOANNA HAMBLY AND TOM DAWSON	
Climate Change, Heritage Policy and Practice in England: Risks and Opportunities	159
HANNAH FLUCK AND MEREDITH WIGGINS	
Culture on the Move: Towards an Inclusive Framework for Cultural Heritage Considerations in Climate-Related Migration, Displacement and Relocation Policies	182
VICTORIA HERRMANN	

Towards a New Social Contract for Archaeology and Climate Change Adaptation	197
ROWAN JACKSON, ANDREW DUGMORE AND FELIX RIEDE	
Commentary: Climate Archaeology: New Paradigm for Changing Times	222
KATHRYN LAFRENZ SAMUELS	
Book Reviews	
EDITED BY J. EVA MEHARRY	
The Archaeology of South Asia From the Indus to Asoka, c. 6500 BCE –200 CE	229
By Robin Coningham and Ruth Young	
REVIEWED BY MONICA L. SMITH	
Antiquities: What Everyone Needs to Know	234
By Maxwell L. Anderson	
REVIEWED BY ROBERT J. VIGAR	
Material Culture in Russia and the USSR: Things, Values, Identities	238
Edited by Graham H. Roberts	
REVIEWED BY MARGARET COMER	
Plundered Skulls and Stolen Spirits: Inside the Fight to Reclaim Native America's Culture	243
By Chip Colwell	
REVIEWED BY CHRIS GREEN	
The Black Sea in the Light of New Archaeological Data and Theoretical Approaches. Proceedings of the 2nd International Workshop on the Black Sea in Antiquity Held in Thessaloniki, 18–20 September 2015.	247
Edited by Manolis Manoledakis	
REVIEWED BY JOHN BRENDAN KNIGHT	
The Origin of Inequality. Origini 3.	252
Edited by Andrea Cardarelli, Alberto Cazzella and Marcella Frangipane	
REVIEWED BY GRAEME BARKER	
Forthcoming Issues	262
Subscription Information	263
Available Back Issues	264

