This is the first book to present a comprehensive, up to date overview of archaeological and environmental data from the eastern Mediterranean world around 6000 BC. It brings together the research of an international team of scholars who have excavated at key Neolithic and Chalcolithic sites in Syria, Anatolia, Greece, and the Balkans. Collectively, their essays conceptualize and enable a deeper understanding of times of transition and changes in the archaeological record. Overcoming the terminological and chronological differences between the Near East and Europe, the volume expands from studies of individual societies into regional views and diachronic analyses. It enables researchers to compare archaeological data and analysis from across the region, and offers a new understanding of the importance of this archaeological story to broader, high-impact questions pertinent to climate and culture change.

Peter F. Biehl is Professor of Anthropology and Vice Provost and Dean of Graduate Studies at the University of California Santa Cruz.

Eva Rosenstock is Scientific Coordinator and Lecturer at the Bonn Center for ArchaeoSciences, University of Bonn.
6000 BC
TRANSFORMATION AND CHANGE IN
THE NEAR EAST AND EUROPE

Edited by
Peter F. Biehl
University of California Santa Cruz
Eva Rosenstock
University of Bonn

© in this web service Cambridge University Press & Assessment
www.cambridge.org
CONTENTS

List of Contributors ix
Acknowledgments xii

INTRODUCTION 1

CHAPTER 1 6000 BC: Transforming and Changing the Neolithic World in Southwest Asia and Europe 1
~Peter F. Biehl and Eva Rosenstock

UPPER MESOPOTAMIA AND EASTERN MEDITERRANEAN 15

CHAPTER 2 The Late Neolithic Site of Shir in Western Syria: The Final Phase of Occupation circa 6000 cal BC 17
~Karin Bartl

CHAPTER 3 Containers of Change: Social and Material Innovation in Late Neolithic Upper Mesopotamia 32
~Olivier P. Nieuwenhuyse
TABLE OF CONTENTS

CHAPTER 4
Mersin-Yumuktepe in the 7th Millennium BC: The Social Dimension of Technological Changes 54
~ Isabella Caneva

CHAPTER 5
Changing with the Years: Khirokitia (Cyprus) at the Turn of the 7th to the 6th Millennium BC 64
~ Alain Le Brun, Odile Daune-Le Brun and Fouad Hourani

ANATOLIA
CHAPTER 6
A Conspectus on the Status of Tepecik-Çiftlik Excavation (Cappadocia): Intersite and Regional Outcomes and Prospects 83
~ Erhan Biçakçı

CHAPTER 7
The Downturn in Tepecik-Çiftlik’s Ceramic Production Continuity: An Insight toward the Rapid Emergence of Supra-Regional Homogeneity in Ceramic Style 104
~ Martin Godon and Ozan Özbudak

CHAPTER 8
Çatalhöyük East and Köşk Höyük: A Grand Connection? 125
~ Bleda S. Düring

CHAPTER 9
Abandoning Çatalhöyük: Re-shuffling, Re-location and Migration as the Means of Mitigating Social Unease in the Late Neolithic 136
~ Lech Czerniak and Arkadiusz Marciniak

CHAPTER 10
Çatalhöyük West and the Late Neolithic to Early Chalcolithic Transition in Central Anatolia 158
~ Jacob Brady, Jana Anvari, Ingmar Franz, Goce Naumov, David Orton, Sonia Ostaptchouk, Elizabeth Stroud, Patrick T. Willet, Eva Rosenstock and Peter F. Biehl
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER 11</th>
<th>The Potter’s Riddle at Çatalhöyük: An Attempt to Connect the Late Neolithic and the Early Chalcolithic Pottery Assemblages from Çatalhöyük/Turkey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ingmar Franz and Joanna Pyzel</td>
</tr>
<tr>
<td></td>
<td>178</td>
</tr>
<tr>
<td>CHAPTER 12</td>
<td>Pots for a New Millennium: Ceramics and Culture Change in Anatolia around 6000 cal BC</td>
</tr>
<tr>
<td></td>
<td>Jonathan Last</td>
</tr>
<tr>
<td></td>
<td>196</td>
</tr>
<tr>
<td>AEGEAN AND MARMARA</td>
<td></td>
</tr>
<tr>
<td>CHAPTER 13</td>
<td>Aegean Turkey from the Mid-7th to Early 6th Millennium cal BC: A Tale of Change within Continuity</td>
</tr>
<tr>
<td></td>
<td>Çiler Çilingiroğlu</td>
</tr>
<tr>
<td></td>
<td>213</td>
</tr>
<tr>
<td>CHAPTER 14</td>
<td>The Beginning and the Development of Farming-Based Village Life in Northwestern Anatolia</td>
</tr>
<tr>
<td></td>
<td>Necmi Karul</td>
</tr>
<tr>
<td></td>
<td>231</td>
</tr>
<tr>
<td>CHAPTER 15</td>
<td>Regional Styles and Supra-regional Networks in the Aegean: Before and Around 6000 cal BC</td>
</tr>
<tr>
<td></td>
<td>Agathe Reingruber</td>
</tr>
<tr>
<td></td>
<td>247</td>
</tr>
<tr>
<td>CHAPTER 16</td>
<td>The Turn of the 7th Millennium in Greece: A Quiet Transition</td>
</tr>
<tr>
<td></td>
<td>Catherine Perlès</td>
</tr>
<tr>
<td></td>
<td>261</td>
</tr>
<tr>
<td>SOUTHEAST EUROPE</td>
<td></td>
</tr>
<tr>
<td>CHAPTER 17</td>
<td>Continuity and Discontinuity in Eastern Thrace during the Neolithic Period</td>
</tr>
<tr>
<td></td>
<td>Eylen Özdoğan</td>
</tr>
<tr>
<td></td>
<td>281</td>
</tr>
</tbody>
</table>
## TABLE OF CONTENTS

### CHAPTER 18

**Changes through Time in the Early Neolithic Settlement of Kovačevo, Southwest Bulgaria**

Marion Lichardus-Itten

301

### CHAPTER 19

**A Hybrid Cultural World: The Turn of the 7th to the 6th Millennium BC in the Central Balkans**

Dušan Borić and Emanuela Cristiani

319

### MODELING THE CHANGE

343

### CHAPTER 20

**The Neolithic Colonization of Balkanic Europe: Chronology and Process**

Jean-Paul Demoule and Laurence Manolakakis

345

### CHAPTER 21

**Modes and Models of Neolithization in Europe: Comments to an Ongoing Debate**

Wolfram Schier

372

### COMMENTARIES

393

### CHAPTER 22

**Explaining Neolithic Change in Central Anatolia and Beyond**

Ian Hodder

395

### CHAPTER 23

**An Annotation of Afterthoughts on the Times of Change**

Mehmet Özdoğan

405

**Index**

417
CONTRIBUTORS

JANA ANVARI
Institut für Ur- und Frühgeschichte Universität zu Köln

KARIN BARTL
German Archaeological Institute/Orient Department

ERHAN BIÇAKÇI
İstanbul Üniversitesi
Edebiyat Fakültesi, Arkeoloji Bölümü, Prehistorya Anabilim Dalı

PETER F. BIEHL
University of California Santa Cruz
Department of Anthropology

DUŠAN BORIĆ
The Italian Academy for Advanced Studies in America
Columbia University

JACOB H. BRADY
State University of New York at Buffalo
Department of Anthropology
X ~ CONTRIBUTORS

ISABELLA CANEVA
Università del Salento
Dipartimento di Beni Culturali, Preistoria e Protostoria del Vicino Oriente

CIŁER ÇİLINGİROĞLU
Ege Üniversitesi
Edebiyat Fakültesi, Protohistorya ve Önasya Arkeolojisi ABD

EMANUELA CRISTIANI
Università degli Studi di Roma La Sapienza
Facoltà di Lettere e Filosofia

LECH CZERNIAK
Uniwrsytet Gdański
Instytut Archeologii i Etnologii

ODILE DAUNE-LE BRUN
Maison de l'archéologie et de l'ethnologie, préhistoire et technologie
UMR 7041 ArScAn

JEAN-PAUL DEMOULE
Institut Universitaire de France et Université de Paris I,
Institut d'Art et Archéologie

BLEDA DÜRING
Leiden University
Faculty of Archaeology

INGMAR FRANZ
Universität Kiel
Institut für Ur- und Frühgeschichte

MARTIN GODON
Attaché de coopération scientifique et universitaire
IEEA
Service de coopération et d’action culturelle

IAN Hodder
Stanford University
Department of Anthropology
Emeritus
Professor Koç University

Fouad Hourani
The University of Jordan
Faculty of Archaeology and Tourism

Jonathan Last
Historic England

ALAN Le BRUN
Maison de l’archéologie et de l’ethnologie, préhistoire et technologie
UMR 7041 ArScAn

MARION LICHARDUS-IITEN
Université Paris 1
Panthéon-Sorbonne,
Institut d’Art et d’Archéologie

LAURENCE MANOLAKAKIS
CNRS
CNRS-Université Paris 1-Panthéon-Sorbonne

ARKADIUSZ MARCINIAK
Adam Mickiewicz University Poznań
Institute of Prehistory

GOCE NAUMOV
University Goce Delcev
Institute of History and Archaeology

OLIVIER NIEUWENHUYSE
CONTRIBUTORS

DAVID ORTON
University of York
Department of Archaeology

SONIA OSTAPCHOUK
No affiliation

OZAN ÖZBUDAK
Hitit Üniversitesi
Fen Edebiyat Fakultesi İkbalkent Kampüsü Çorum

EYLEM ÖZDOĞAN
İstanbul Üniversitesi
Edebiyat Fakultesi, Prehistorya Anabilim Dalı

MEHMET ÖZDOĞAN
İstanbul Üniversitesi
Edebiyat Fakultesi, Arkeoloji Bölümü,
Prehistorya Anabilim Dalı

CATHERINE PERLÈS
Université Paris Nanterre
Maison de l’archéologie et de l’ethnologie,
Technologie et Ethnologie des mondes préhistoriques,
UMR 8068 TEMPS

JOANNA PYZEL
Uniwersytet Gdański
Instytut Archeologii i Etnologii

AGATHE REINGRUBER
Freie Universität Berlin
Institut für Prähistorische Archäologie

EVA ROSENSTOCK
Bonn Center for ArchaeoSciences
University of Bonn

WOLFRAM SCHIER
Freie Universität Berlin
Institut für Prähistorische Archäologie

ELIZABETH STROUD
Institute of Archaeology
University of Oxford

PATRICK W. WILLETT
State University of New York at Buffalo
Department of Anthropology
ACKNOWLEDGMENTS

The editors would like to thank all contributors (Figure 0.1) to the conference (http://iema.buffalo.edu/research/catalhoyuk-west-mound/; see also Biehl and Rosenstock 2011), and the ones who submitted their chapters to this book, and apologize for the delay in its publication. Chapters have been updated recently and represent the current research of the contributors.

We would like to thank the Alexander von Humboldt Foundation TransCoop Program which partly supported four years of excavation campaigns and fully funded the Berlin conference. We also are indebted for the support of the University at Buffalo, SUNY and the Freie Universität Berlin for our project. We also thank the Cluster of Excellence TOPOI for making space for the conference and the Einstein Center Chronoi for providing time for its publication. We are also thankful to Eva-Maria Mihan for her assistance during the conference, and to Jana Anvari (née Rogasch) (both from FU Berlin) as conference administrator and for her comments on earlier versions of the book manuscript. We thank Jacob Brady, Caitlin Curtis, Heather Rosch, and Thomas Harper (all from the University at Buffalo) for the copy editing and technical layout of the chapters. Most importantly, our deepest thanks go to Beatrice Rehl, our patient and encouraging editor at Cambridge University Press. Without her support, this book would not have been published. We are also grateful for the editorial staff at Cambridge University Press for making the production process so seamless.
ACKNOWLEDGMENTS

And finally, we would like to dedicate this book to the memory of our contributor, dear colleague and friend Olivier Nieuwenhuyse, who left us far too soon.

REFERENCE