

ADVANCES IN
ARCHAEOLOGICAL
PRACTICE

VOLUME 7

ISSUE 4

NOVEMBER 2019



SAA
SOCIETY FOR AMERICAN ARCHAEOLOGY

SOCIETY FOR AMERICAN ARCHAEOLOGY

ADVANCES IN ARCHAEOLOGICAL PRACTICE

A JOURNAL OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

Volume 7, No. 4 ■ November 2019

- 325–336** **Shorelines in the Desert: Mapping Fish Trap Features along the Southwest Coast of Ancient Lake Cahuilla, California**
Anjali Phukan, Todd J. Braje, Thomas K. Rockwell, and Isaac Ullah
- 337–352** **Documenting Archaeological Sites on Mountains and Slopes with Drones**
Luis Jaime Castillo, Fabrizio Serván, and Karla Patroni
- 353–365** **Centimeter-Level Recording for All: Field Experimentation with New, Affordable Geolocation Technology**
Peter J. Cobb, Tiffany Earley-Spadoni, and Philip Dames
- 366–381** **Computational Photography, 3-D Modeling, and Online Publication of Basketry for Cache Cave, California**
Eleni Kotoula, David W. Robinson, Devlin Gandy, and Edward A. Jolie
- 382–394** **Investigating the Role of Archaeological Information and Practice in Landscape Conservation Design and Planning in North America**
Timothy M. Murtha, Nathan R. Lawres, Tara J. Mazurczyk, and Madeline Brown
- 395–408** **The Importance of Spatial Data to Open-Access National Archaeological Databases and the Development of Paleodemography Research**
Erick Robinson, Christopher Nicholson, and Robert L. Kelly
- 409–422** **Zooarchaeological Database Preservation, Multiscalar Data Integration, and the Collaboration of the Eastern Archaic Faunal Working Group**
Sarah W. Neusius, Bonnie W. Styles, Tanya M. Peres, Renee B. Walker, George M. Crothers, Beverley A. Smith, and Mona L. Colburn
- 423–434** **A Systematic Quantitative Literature Review of Southeast Asian and Micronesian Rock Art**
Andrea Jalandoni, Paul Taçon, and Robert Haupt

HOW-TO SERIES

- 435–442** **Public Archaeology's Mammoth in the Room: Engaging Wikipedia as a Tool for Teaching and Outreach**
Katherine M. Grillo and Daniel A. Contreras

DIGITAL REVIEW

- 443–447** **You Can Handle It: 3D Printing for Museums**
Catriona Cooper

Copyright © 2019 by the Society for American Archaeology. All Rights Reserved.
ISSN 2326-3768

ADVANCES IN ARCHAEOLOGICAL PRACTICE

A JOURNAL OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

EDITOR: SARAH A. HERR, Desert Archaeology Inc., 3975 N. Tucson Blvd., Tucson, AZ 85716; phone: 520-881-2244; aap_herr@desert.com

EDITOR: CHRISTINA B. RIETH, New York State Museum, Division of Research and Collections, Cultural Education Center 3118, Albany, NY 12230; aaprieth@gmail.com

EDITOR: SJOERD VAN DER LINDE, Studio Louter, Lutmastraat 191e, 1074 TV Amsterdam, The Netherlands; phone: +31206702044; sjoerd@studiolouter.nl

DIGITAL REVIEWS EDITOR: SARA PERRY, Department of Archaeology, University of York, The King's Manor, York, YO1 7EP, United Kingdom; phone: (44) 1904 323907; sara.perry@york.ac.uk

MANAGING EDITOR: MAYA ALLEN-GALLEGOS, Society for American Archaeology, 1111 14th Street NW, Suite 800, Washington, DC 20005; phone: 202-559-5750; maya_allen-gallegos@saa.org

EDITORIAL BOARD

Kimball Banks, Metcalf Archaeological Consultants Inc., USA

S. Terry Childs, U.S. Department of the Interior, USA

Robert Connolly, Louisiana State University, Baton Rouge, USA

Lynne Goldstein, Michigan State University, USA

Gaygysyz Joraev, University College London, Institute of Archaeology, UK

David Killick, University of Arizona, USA

Ian Lilley, University of Queensland, Australia

Dorothy T. Lippert, Smithsonian Institution, USA

Owen Lindauer, Federal Highway Administration, USA

César Méndez Melgar, Centro de Investigación en Ecosistemas de la Patagonia, Chile

Tomás Mendizábal, Independent Consultant, Panama

William Moss, Ville de Quebec, Canada

Winston F. Pulgence, Sir Arthur Lewis Community College, Saint Lucia

Seetha Reddy, Reddy Anthropology Consulting, USA

Torben Rick, Smithsonian Institution, USA

Miriam Stark, University of Hawai'i at Mānoa, USA

Jason Ur, Harvard University, USA

Monique van den Dries, Leiden University, Netherlands

Gerry Wait, Triskelion Heritage, UK

John R. Welch, Simon Fraser University and Archaeology Southwest, Canada and USA

On the Cover: Testing affordable high-precision differential GNSS during a systematic survey of a medieval settlement in Vayots Dzor, Armenia. From left to right: Colin Roberts, Christopher Besser, Malkia Okech, Andrew Williams, and Dr. Peter J. Cobb, who is holding the Emlid Reach RS GNSS device. This research was conducted in June 2018 by the Vayots Dzor Fortress Landscapes Project (VDFLP), a collaboration between the University of Central Florida and the Institute for Archaeology and Ethnography of Armenia, directed by Dr. Tiffany Earley-Spadoni, Artur Petrosyan, and Boris Gasparyan. The field survey was supported by the Penn Museum of the University of Pennsylvania. Photograph by Hayk Azizbekyan. Related article: "Centimeter-Level Recording for All: Field Experimentation with New, Affordable Geolocation Technology," by Peter J. Cobb, Tiffany Earley-Spadoni, and Philip Dames, pp. 353–365.

Advances in Archaeological Practice is a quarterly, full-color, digital journal devoted to sharing creative solutions to challenges in the practice of archaeology globally. The journal is available as a benefit of membership in the SAA or by subscription.

Copyright © 2019 by the Society for American Archaeology. All Rights Reserved.
ISSN 2326-3768