

## 2016 PUBLICATIONS

### **Books Published**

**Dye, David H. (editor)**, 2016, *New Deal Archaeology in Tennessee: Intellectual, Methodological, and Theoretical Contributions*. University of Alabama Press, Tuscaloosa.

**Ozdenerol, E.** (2016). *Spatial Health Inequalities: Adapting GIS tools and Data Analysis*. CRC Press: Taylor & Francis Group. ISBN 9781498701501.  
<https://www.crcpress.com/Spatial-Health-Inequalities-Adapting-GIS-Tools-and-Data-Analysis/Ozdenerol/p/book/9781498701501>

### **Articles and Maps Published**

Banai, R. and **A. Antipova.**, 2016, Retail-Center Viability and Urban Form: A Micro Analysis. *The International Review of Retail, Distribution and Consumer Research*, 26 (5): 521-540.

Brondo, K. V., S. Kent, and **A. Hill**, 2016, Teaching Collaborative Environmental Anthropology: A Case Study Embedding Engaged Scholarship in Critical Approaches to Voluntourism. *Annals of Anthropological Practice - Special Topics: Involve Me and I Learn*. Accepted (Special Issue – scheduled publication 11/2016).

Choung, S., Oh, J., Han, W. S., Chon, C. M., **Kwon, Y.**, & Shin, W., 2016, Comparison of physicochemical properties between fine (PM<sub>2.5</sub>) and coarse airborne particles at cold season in Korea. *Science of the Total Environment*, 541, 1132-1138.

- Dye, David H.**, 2016, An Overview of Federal Work Relief Projects in Tennessee and the Tennessee Valley, 1933-1942: An Introduction. In *New Deal Archaeology in Tennessee: Intellectual, Methodological, and Theoretical Contributions*, edited by David H. Dye, pp. 1-28. University of Alabama Press, Tuscaloosa.
- Dye, David H.**, 2016, Ancient Mississippian Trophy-Taking. *Oxford Handbooks Online*, Oxford University Press, Oxford
- Elliot, D., **Larsen, D.**, Fanning, M., Fleming, T., and Vervoort, J.D., 2016, The Lower Jurassic Hanson Formation of the Transantarctic Mountains: Implications for the Antarctic sector of the Gondwana Plate margin: *Geological Magazine*, p. 1-29, DOI: <https://doi.org/10.1017/S0016756816000388> .
- Feng, L., **Bartholomew, M.J.**, Choi, E., 2016, Spatial arrangement of décollements as a control on the development of thrust faults: *Journal of Structural Geology* (2015, doi: 10.1016/j.jsg.2015.03.002).
- Foard, M., **D.J. Burnette**, D.R.L. Burge, and T.D. Marsico, 2016, Influence of river channelization and the invasive shrub, *Ligustrum sinense*, on oak (*Quercus* spp.), growth rates in bottomland hardwood forests. *Applied Vegetation Science*, 19, 401-412.
- Greenwood, M.L., Woolery, E.W., **Van Arsdale, R.B.**, Stephenson, W.J., and Patterson, G.L., 2016, Continuity of the Reelfoot Fault across the Cottonwood Grove and Ridgely Faults of the New Madrid Seismic Zone. *Seismological Society of America Bulletin*, v. 106, p. 2674-2685. doi: 10.1785/0120150290.

Hawley, Marlin F., and **David H. Dye**, 2016, W. C. McKern as Advisor, Consultant, and Godfather for New Deal Archaeology in Tennessee. In *New Deal Archaeology in Tennessee: Intellectual, Methodological, and Theoretical Contributions*, edited by David H. Dye, pp. 31-50. University of Alabama Press, Tuscaloosa.

Jackson, W.T., Jr., **Bartholomew, M.J.**, Dupre, W.R., Armstrong, T.F., Stewart, K.G., 2016, Campanian paleoseismites of the Elk Basin anticline, northern Big Horn Basin, U.S.A.: A record of initial Laramide deformation: *Journal of Sedimentary Research*, V.86, p.394-407.

Javadnejad, F., B. A. Waldron, **A. A. Hill.**, 2016, LITE Flood: A Simple GIS-Based Mapping Approach for Redelineation of Multi-Frequency Floods. *Natural Hazards Review*. [http://ascelibrary.org/doi/abs/10.1061/\(ASCE\)NH.1527-6996.0000238](http://ascelibrary.org/doi/abs/10.1061/(ASCE)NH.1527-6996.0000238)>. DOI: 10.1061/(ASCE)NH.1527-6996.0000238.

**Larsen, D.**, and Lipman, P., 2016, Exploring the ancient volcanic and lacustrine environments of the Oligocene Creede caldera and environs, San Juan Mountains, Colorado, in Keller, S.M., and Morgan, M.L., eds., *Unfolding the Geology of the West: Geological Society of America Field Guide* 44, p. 1–40, doi:10.1130/2016.0044(01).

**Larsen, D.**, Waldron, B., Schoefnacker, S. Gallo, H., Koban, J., and Bradshaw, E., 2016, Application of environmental tracers in the Memphis aquifer and implication for sustainability of groundwater resources in the Memphis metropolitan area, Tennessee: *Journal of Contemporary Water Research and Education*, v. 159, p. 78-104.

**Lumsden, D.N., Cox, R.T., and Van Arsdale, R.B.**, 2016, Petrology of Pliocene Mississippi River Alluvium: Provenance Implications: *The Journal of Geology*, 124: 501–517, doi: 10.1086/686997.

Moore, Michael C., **David H. Dye**, and Kevin E. Smith, 2016, WPA Excavations at the Mound Bottom and Pack Sites in Middle Tennessee, 1936-1940. In *New Deal Archaeology in Tennessee: Intellectual, Methodological, and Theoretical Contributions*, edited by David H. Dye, pp. 116-137. University of Alabama Press, Tuscaloosa.

**Parish, Ryan M.**, 2016, Lithic Procurement Patterning as a Proxy for Identifying Late Paleoindian Group Mobility Along the Lower Tennessee River Valley. *Journal of Archaeological Science Reports* \*

**Parish, Ryan M.**, 2016, Reflectance Spectroscopy as a Chert Sourcing Method. *Archaeologia Polona* 54 (115-128).

**Parish, Ryan M.** and Adam Finn, 2016, Quantifying regional variation in terminal Pleistocene assemblages from the Lower Tennessee River Valley using chert sourcing. *Tennessee Archaeology* 8 (1,2): 42-58.

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Stahle, D.W., E.R. Cook, **D.J. Burnette**, J. Villanueva, J. Cerano, J.N. Burns, D. Griffin, B.I. Cook, R. Acuña, M.C.A. Torbenson, P. Szejner, and I.M. Howard, 2016, The Mexican Drought Atlas: Tree-ring reconstructions of the soil moisture balance during the late pre-Hispanic, colonial, and modern eras. *Quaternary Science Reviews*, 149, 34-60 (invited).

Wu, Limen, Gensheng Liu, and **Hsiang-te Kung**, 2016, “The Evolution of Logistics Financial Formats and Operational Modes”, *Logistics Sci-Tech*, No. 11, 2016, 1002-3100 (2016) 11-0129-04.

Zhang, Fei, Tashpolat Tiyip, **Hsiang-te Kung**, Verner Carl Johnson, Juan Wang, Ilyas Nurmemet, 2016, Improved water extraction using Landsat TM/ETM+ images in Ebinur Lake, Xinjiang, China. *Remote Sensing Applications: Society and Environment*. (4):109–118.

Zhang, Fei, Tashpolat Tiyip, **Hsiang-te Kung**, Verner Carl Johnson, Matthew Maimaitiyiming, Mei Zhou, Juan Wang, 2016, Dynamics of land surface temperature (LST) in response to land Use and land cover (LULC) changes in the Weigan and Kuqa river oasis, Xinjiang, China. *Arab J Geosci*, 9:499.