

Earth Sciences Faculty Publications 2014

Dr. Angela Antipova

1. Antipova, A., 2015. Black, White, male, and female concentrated employment: the effect of spatial and aspatial labor factors. *Cities*: 42(B):160-170. doi: 10.1016/j.cities.2014.06.004. Available online 10 July 2014.

Dr. Randy Cox

1. Cox, R.T., Lowe, C., Hao, Y., and Mahan, S.A., 2014, Use of small-scale liquefaction features to assess paleoseismicity: an example from the Saline River fault zone, Southeast Arkansas, USA.: *Frontiers in Earth Science*, 2:31. doi:10.3389/feart.2014.00031
2. Cox, R.T., Lumsden, D.N., and Van Arsdale, R.B., 2014, Possible relict meanders of the Pliocene Mississippi River and their implications: *Journal of Geology*, 122: 609–622, doi: 10.1086/676974.
3. Powell, C. A., Withers, M. M., Cox, R. T., Vlahovic, G., and Arroucau, P., 2014, Crustal velocity structure associated with the eastern Tennessee seismic zone: Vp and Vs images based upon local earthquake tomography: *Journal of Geophysical Research: Solid Earth*, 119: 464–489.
4. Johnson, G.A., Horton, S.P., Withers, M., and Cox, R., 2014, Earthquake Focal Mechanisms in the New Madrid Seismic Zone, *Seismological Research Letters*, 85: 257-267.

Dr. David Dye

1. Lankford, George E., and David H. Dye. 2014. Conehead Effigies: A Distinctive Art Form of the Mississippi Valley. *The Arkansas Archeologist* 53:37-50.
2. Dye, David H., and Marlin F. Hawley. 2014. Mentoring Tom Lewis. *The SAA Archaeological Record* 14(4):17-22.

Dr. Hsiang Kung

1. Kan Rulian, Shi Yaping, Hsiang-te Kung, and Zhou Yijun “Women’s Changing Social Roles in Ethnic Heritage Tourism Sites”, *Tourism Tribune*, Vol. 29, No. 4, April 6, 2014, pp. 19 to 27.

2. Fei Zhang, Tashpolat Tiyp, Verner C. Johnson, Hsiang-te Kung, Jianli Ding, Mei Zhou, Yahui Fan, Ardak Kelimu, and Ilyas Nurmhammat. "Evaluation of Land Desertification from 1990 to 2010 and its Causes in Ebinur Lake Region, Xinjiang, China." *Environmental Earth Sciences*, Springer-Verlag Berlin Heidelberg 2014, ISSN 1866-6280, *Environ Earth Sci* DOI 10.1007/s12665-014-3830-4 – published online: 06 November 2014.

3. Kan Ruliang, Wang Guiqing, Zhou Jun, and Kung Hsiang-te. "Theme Village Reconstruction: A Case Study of Tourism Development Mode about Intangible Cultural Heritage." *Journal of Areal Research and Development*, Vol. 33, No. 6, December, 2014. pp. 1-5.

Dr. Dan Larsen

1. Waldron, B., and Larsen, D., 2014, Predevelopment ground water conditions surrounding Memphis, TN (USA): Controversy and Unexpected Outcomes. *Journal of the American Water Resources Association*, Sept. 2014, p. 1 - 21.

2. Larsen, D., and Brock, C.F., 2014, Sedimentology and Petrology of the Eocene Memphis Sand and Younger Terrace Deposits in Surface Exposures of Western Tennessee: *Southeastern Geology*, v. 50, no. 4, p. 193-214.

Dr. Andrew Mickelson

1. Mickelson, Michael and Andrew M. Mickelson, 2014, Do Mycenaean Tholos Tombs Encode Astronomical Alignments? *Journal of Mediterranean Archaeology and Archaeometry* 14(3):1-14.

2. Pujol, Jose, Jerome Bartholomew, and Andrew Mickelson
Shallow seismic detection of the fault zone associated with a high scarp in SW Montana. *Interpretation* (In Press.).

Dr. Roy Van Arsdale

1. Cupples, W., and Van Arsdale, R., 2014, The Preglacial "Pliocene" Mississippi River. *Journal of Geology*, v. 122, p. 1-15.

2. Van Arsdale, R., Cupples, W., and Csontos, R., 2014, Pleistocene–Holocene transition in the central Mississippi River valley. *Geomorphology*, v. 214c, p. 270-282, <http://dx.doi.org/10.1016/j.geomorph.2014.02.011>

3. Van Arsdale, R., 2014, The New Madrid seismic zone of the Central United States. In *Intraplate Earthquakes*, P. Talwani (Ed), Cambridge University Press, p. 162-197.
4. Cramer, C.H., Van Arsdale, R.B., Dhar, M.S., Pryne, D., and Paul, J., 2014, Update of Urban Seismic Hazard Maps for Memphis and Shelby County, Tennessee: Geology and Vs Observations. *Seismological Research Letters*, v. 85, p. 986-996.
5. Cox, R.T., Lumsden, D.N., and Van Arsdale, R.B., 2014, Possible relict meanders of the Pliocene Mississippi River and their implications. *Journal of Geology*, v. 122, p. 609-622.