

Matthew Meko

Graduate Research Assistant
Laboratory of Tree-Ring Research
University of Arizona
1215 E. Lowell Street
Tucson, AZ 85721
meko@email.arizona.edu | (+1) 520-461-9098

Education

MSc 2015 University of Alabama, Department of Geography
BFA 2007 University of Arizona, School of Art – *magna cum laude*

Professional Experience

2014 – 2015 Graduate Research Assistant, Department of Geography,
University of Alabama
2015 – 2016 Research Technician, Laboratory of Tree-Ring Research,
University of Arizona
2016 – Present Graduate Research Assistant, Laboratory of Tree-Ring
Research, University of Arizona

Publications

Trouet, V., F. Babst, and M. Meko. 2018. Recent enhanced high-summer North Atlantic Jet variability emerges from three-century context. *Nature communications* 9.1: 180. doi:10.1038/s41467-017-02699-3
Klippel, L., P. J. Krusic, R. Brandes, C. Hartl-Meier, V. Trouet, M. Meko, J. Esper. 2017. High-elevation inter-site differences in Mount Smolikas tree-ring width data. *Dendrochronologia* 44: 167-173. doi: 10.1016/j.dendro.2017.05.006

Conference Participation

Meko, M., D. Frank, M. Panayotov, V. Trouet. 2018. A 650-year record of past temperatures from Pirin, Bulgaria tree-ring density. American Geophysical Union Fall Meeting in New Orleans, LA, December 11-15.
Meko, M., S. Belmecheri, Z.H. Khamisi, M. Therrell, V. Trouet. 2016. Multi-parameter dendrochronology in sub-saharan Africa. TRACE 2016 Tree Rings in Archaeology, Climatology, and Ecology meeting in Białowieża, Poland, May 11 - 15.
Meko, M., M.D. Therrell, A. Greer. 2015. Tree-ring anatomical variability and flooding near the White River – Mississippi River confluence. Association of American Geographers 2015 Annual Meeting in Chicago, IL, April 21–25.

Outreach

Public engagement and communication of research activities:

Laboratory of Tree-Ring Research (LTRR) open house @ Tucson Festival of Books, March 10, 2018

LTRR booth @ March for Science, April 22, 2017

LTRR open house @ Tucson Festival of Books, March 11, 2017

National Advanced Fire Resource Institute (NAFRI) tour of LTRR, January 25, 2017

UANews coverage of Europe's oldest living tree

(<https://uanews.arizona.edu/story/meet-adonis-europe-s-oldest-known-living-tree>), August 22, 2016

Professional society membership / involvement

American Geophysical Union

Additional

Date of birth	30 December 1983
Place of birth	Tucson, Arizona, USA
Nationality	United States
Home address	618 N Richey Blvd Tucson, AZ 85716
Civil status	Single

References

Valerie Trouet

Associate Professor, University of Arizona
trouet@ltrr.arizona.edu
(+1) 520-626-8004

Matthew Therrell

Associate Professor, University of Alabama
mdtherrell@ua.edu
(+1) 205-348-1673