

PROFESSIONAL APPOINTMENTS

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| Vice President, Science and Policy The Evangelical Environmental Network | 2020 – present |
| Board Member The National Association of Evangelicals | 2022 – present |
| Research Associate Smithsonian National Museum of Natural History | 2018 – present |
| Co-Founding Pastor Grace Capital City Church, Dupont Circle, Washington, DC | 2016 – present |
| AAAS Science and Technology Policy Fellow U.S. Department of Energy, Office of Science, Biological and Environmental Research | 2018 – 2020 |
| Smithsonian Stable Isotope Postdoctoral Research Fellow Smithsonian National Museum of Natural History, Human Origins Program | 2017 – 2018 |
| National Science Foundation Postdoctoral Research Fellow Johns Hopkins University, Department of Earth and Planetary Sciences University of Michigan – Ann Arbor, Department of Earth and Environmental Sciences | 2015 – 2017 |
| National Science Foundation Graduate Research Fellow/Graduate Teaching Assistant Georgia Institute of Technology, School of Earth and Atmospheric Sciences | 2009 – 2015 |

EDUCATION

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| Georgia Institute of Technology Ph.D. Earth and Atmospheric Sciences Minor in Public Policy | 2015 |
| University of Tennessee at Chattanooga B.S. Chemistry, <i>highest honors</i> B.S. Geology (<i>summa cum laude</i>) | 2009 |

SELECTED PUBLICATIONS*Selected peer-reviewed publications*

- R. Potts, Moerman, J.W., Dommain, R., ODP Research Team. (2020) Increased ecological resource variability during a critical transition in hominin evolution. *Science Advances*. **Vol. 6**, no. 43.
- A. Deino, Potts, R., Moerman, J.W., ODP Research Team. (2019) Chronostratigraphic model of a high-resolution drill core record of the past million years from the Koora Basin, south Kenya Rift: Overcoming the difficulties of variable sedimentation rate and hiatuses. *Quaternary Science Reviews*. **215**. 213-231.
- S.A., Carolin, Cobb, K.M., Lynch-Stieglitz, J., Moerman, J.W., Lejau, S., Malang, J., Clark, B., Tuen, A.A., Adkins, J.F. (2016) Rainfall variability across MIS 5 and 6 revealed in northern Borneo stalagmite records. *Earth and Planetary Science Letters*. **439**. 182-193.
- J.W. Moerman, Cobb, K.M., Partin, J.W., Meckler, A.N., Carolin, S.A., Adkins, J.F., Malang, J., Lejau, S., Clark, B., Tuen, A.A. (2014) Transformation of ENSO-related rainwater to dripwater $\delta^{18}\text{O}$ variability by vadose water mixing. *Geophysical Research Letters*. **41**. 7907–7915.
- J.W. Moerman, Cobb, K.M., Adkins, J.F., Sodemann, H., Clark, B., Tuen, A.A. (2013) Diurnal to interannual rainfall $\delta^{18}\text{O}$ variations in northern Borneo driven by regional hydrology. *Earth and Planetary Science Letters*. **369-370**, 108-119.
- J.W. Moerman & G.E. Potts (2011) Analysis of metals leached from smoked cigarette litter. *Tobacco Control*. **20**, Supp. 1, i30-i35.

Federal agency reports

Community Coordinating Group on Integrated Hydro-Terrestrial Modeling (2020), “Integrated Hydro-Terrestrial Modeling: Development of a National Capability,” report of an interagency workshop held September 4-6, 2019 with support from the National Science Foundation, the U.S. Department of Energy, and the U.S. Geological Survey, <https://doi.org/10.25584/09102020/1659275>

Invited book chapters

J.W. Moerman. (2019) Loaves and Fishes. In H. Tandy, Editor, *Named+Known: Uncovering the Identities of Women Who Plant Churches*. Annapolis, MD: Stadia.

SERVICE AND AFFILIATIONS

Professional

Scientific society memberships: American Association for the Advancement of Science, American Geophysical Union, American Meteorological Society, American Chemical Society, Geological Society of America, Geochemical Society

Reviewer for peer-reviewed journals: Nature Geoscience, Geology, Geophysical Research Letters, Journal of Geophysical Research-Atmospheres, Earth and Planetary Science Letters, Climate Dynamics, Global and Planetary Change, Journal of Hydrology, Journal of Water and Climate, Meteorology and Atmospheric Physics, Journal of the Meteorological Society of Japan

Volunteer/Religious

Networks and memberships: Grace Family of Churches, Stadia Church Planting Network, American Scientific Affiliation

Leadership and outreach:

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| Founder and Chair, Creation Care Justice Group, Grace Capital City Church | 2019 - present |
| Co-organizer, Veritas Forum, Georgia Institute of Technology | 2012-2014 |