

NARESH NEUPANE

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Education

Tribhuvan University	Environmental Science	M.S., 2006
The University of Texas at Austin	Geological Sciences	Ph.D., 2015

Professional Experience

Georgetown University, Washington, DC	Postdoctoral Researcher	2015 - present
The University of Texas at Austin, Austin, TX	Graduate Research Assistant	2008 – 2015
Pacific Northwest National Laboratory, WA	Graduate Intern	Jun-Sep 2012

Selected Publications

Vizy, E. K., K. H. Cook, J. Crétat, and **N. Neupane**, 2013: Projections of a wetter Sahel in the 21st century from global and regional models. *J. Climate*, **26**, 4664-4687

Neupane, N., K. H. Cook, 2013: A Nonlinear Response of Sahel Rainfall to Atlantic Warming. *J. Climate*, **26**, 7080–7096

Hagos, S., L. R. Leung, Y. Xue, A. Boone, F. de Sales, **N. Neupane**, M. Huang, and J. Yoon, 2014: Assessment of uncertainties in the response of the African monsoon precipitation to land use change simulated by a regional model. *Clim Dyn.*, **43**:2765–2775

Neupane, N., 2015: The Congo basin zonal overturning circulation, *Adv. in Atm. Sci.*, doi: 10.1007/s00376-015-5190-8 (Accepted)

Neupane, N. 2016: How well do climate models represent the Congo basin Walker circulation and its relationship with the West African precipitation? (Under review)

Skills

I have strong computational skills and have been involved in coding projects for the climate community. I am proficient in FORTRAN, UNIX, GrADS, NCL, NCO, CDO, MATLAB, LINUX, parallel computing, general circulation models (GCMs), regional climate models (Weather Research and Forecasting model, WRF), and EXCEL. I have handled various formats of data: GRIB, netCDF, HDF, Binary, and ASCII.