

BIOGRAPHICAL SKETCH

NAME: **PRICOPE, NARCISA GABRIELA**

ORCID ID: <https://orcid.org/0000-0002-6591-7237>

POSITION TITLE: Professor and Assoc Vice President for Research

PRIMARY ORGANIZATION AND LOCATION: Mississippi State University, Starkville, Mississippi, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
University of California Santa Barbara, Santa Barbara, United States	PD	12/2012	Geography
University of Florida, Gainesville, Florida, United States	PHD	12/2011	Geography
Western Kentucky University, Bowling Green, Kentucky, United States	MS	12/2006	Geosciences
Babes-Bolyai University, Cluj-Napoca, Romania	BA	07/2004	Geography and English

Appointments and Positions

2023 - present	Professor and Assoc Vice President for Research, Mississippi State University, Starkville, Mississippi, United States
2019 - 2023	Professor, University of North Carolina Wilmington, Wilmington, North Carolina, United States
2017 - 2019	Associate professor, University of North Carolina Wilmington, Wilmington, North Carolina, United States
2013 - 2017	Assistant professor, University of North Carolina Wilmington, Wilmington, North Carolina, United States
2010 - 2013	Assistant professor, Southern Oregon University, Ashland, Oregon, United States

Products

Products Most Closely Related to the Proposed Project

1. Mainali J, Pricope N. High-resolution spatial assessment of population vulnerability to climate change in Nepal. *Applied Geography*. 2017 May; 82:66-82. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0143622817302874> DOI: 10.1016/j.apgeog.2017.03.008
2. Pricope N, Husak G, Lopez-Carr D, Funk C, Michaelsen J. The climate-population nexus in the East African Horn: Emerging degradation trends in rangeland and pastoral livelihood zones. *Global Environmental Change*. 2013 December; 23(6):1525-1541. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0959378013001738> DOI: 10.1016/j.gloenvcha.2013.10.002
3. Pricope N, Cassidy L, Gaughan A, Salerno J, Stevens F, Hartter J, Drake M, Mupeta-Muyamwa P. Addressing Integration Challenges of Interdisciplinary Research in Social-Ecological Systems. *Society & Natural Resources*. 2019 October 21; 33(3):418-431. Available from: <https://www.tandfonline.com/doi/full/10.1080/08941920.2019.1680783> DOI: 10.1080/08941920.2019.1680783
4. Lopez-Carr D, Mwenda K, Pricope N, Kyriakidis P, Jankowska M, Weeks J, Funk C, Husak G,

Michaelsen J. Climate-Related Child Undernutrition in the Lake Victoria Basin: An Integrated Spatial Analysis of Health Surveys, NDVI, and Precipitation Data. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*. 2016; 9(6):2830-2835. Available from: <https://ieeexplore.ieee.org/document/7494954/> DOI: 10.1109/JSTARS.2016.2569411

5. Aukema J, Pricope N, Husak G, Lopez-Carr D. Biodiversity Areas under Threat: Overlap of Climate Change and Population Pressures on the World's Biodiversity Priorities. *PLOS ONE*. 2017; 12(1):e0170615-. Available from: <https://dx.plos.org/10.1371/journal.pone.0170615> DOI: 10.1371/journal.pone.0170615

Other Significant Products, Whether or Not Related to the Proposed Project

1. López-Carr D, Pricope N, Mwenda K, Daldegan G, Zvoleff A. A Conceptual Approach towards Improving Monitoring of Living Conditions for Populations Affected by Desertification, Land Degradation, and Drought. *Sustainability*. 2023 June 12; 15(12):9400-. Available from: <https://www.mdpi.com/2071-1050/15/12/9400> DOI: 10.3390/su15129400
2. Salerno J, Stevens F, Gaughan A, Hilton T, Bailey K, Bowles T, Cassidy L, Mupeta-Muyamwa P, Biggs D, Pricope N, Mosimane A, Henry L, Drake M, Weaver A, Kosmas S, Woodward K, Kolarik N, Hartter J. Wildlife impacts and changing climate pose compounding threats to human food security. *Current Biology*. 2021 November; 31(22):5077-5085.e6. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0960982221012100> DOI: 10.1016/j.cub.2021.08.074
3. Lopez-Carr D, Mwenda K, Pricope N, Kyriakidis P, Jankowska M, Weeks J, Funk C, Husak G, Michaelsen J. A spatial analysis of climate-related child malnutrition in the Lake Victoria Basin. 2015 IEEE International Geoscience and Remote Sensing Symposium (IGARSS). IGARSS 2015 - 2015 IEEE International Geoscience and Remote Sensing Symposium; ; Milan, Italy. IEEE; c2015. Available from: <https://ieeexplore.ieee.org/document/7326335/> DOI: 10.1109/IGARSS.2015.7326335
4. López-Carr D, Pricope N, Aukema J, Jankowska M, Funk C, Husak G, Michaelsen J. A spatial analysis of population dynamics and climate change in Africa: potential vulnerability hot spots emerge where precipitation declines and demographic pressures coincide. *Population and Environment*. 2014; 35(3):323-339. Available from: <http://link.springer.com/10.1007/s11111-014-0209-0> DOI: 10.1007/s11111-014-0209-0

Synergistic Activities

1. I am core member and co-lead of the Global Land Program (GLP) and Future Earth Sustainable Land Systems Knowledge Co-Production Working Group, one of only five such global working groups that is active in producing literature, knowledge and training workshops on incorporating research co-design and co-production principles in land systems science in order to make research increasingly actionable and relevant outside academia.
2. Prior to joining MSU, I served as the Founder and Director of the University of North Carolina Wilmington (UNCW) Geospatial Intelligence program accredited externally by the United States Geospatial Intelligence Foundation (USGIF), of the Federal Aviation Administration (FAA) Collegiate Training Initiative and Coastal UAS Observatory funded by a National Science Foundation Major Research Instrumentation grant I was PI on. I also led and managed the first ever National Geospatial Intelligence Agency (NGA) GEOINT Learning through Academic Programs (GLAP) \$5 million contract awarded to academic institutions at UNCW. I am currently leading major workforce development initiatives aimed at training the emerging climate resilient workforce.