

CHELSIE L. ROMULO

CURRICULUM VITAE

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University of Northern Colorado

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CURRENT POSITIONS

Assistant Professor Department of Geography, GIS, and Sustainability, University of Northern Colorado
2017-Current

Planning Commissioner City of Greeley, CO
2019 - Current

Ex-Officio Board Member Poudre Heritage Alliance
2019 - Current

EDUCATION

PhD July 2017
Dissertation: *Sustainability and conservation of the ecologically, culturally, and economically important palm tree *Mauritia flexuosa* (aguaje) in the Peruvian Amazon.*
Environmental Science and Policy Department, George Mason University, Fairfax VA
Co-Adviser: Francisco Dallmeier, Smithsonian Institute
Co-Adviser: Michael Gilmore, School of Integrative Studies, George Mason University

M.S. August 2012
Thesis: *Global assessment of owl distribution, diversity, conservation hotspots, and owls as a biodiversity indicator standard.*
Natural Resource Management, Virginia Polytechnic State University, Falls Church VA
Adviser: Heather E. Eves

B.S. June 2008
Biology and Animal Science (Dual Degree)
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- 2022 Role: PI. *In preparation.* [NSF IUSE-EHR](#). How do sense of place/transformational experiences help students develop capacity for FEWS systems thinking.
- 2022 Role: PI. *In preparation.* [NSF IUSE-EHR](#). Integrated pathways into Anthropology, Geoscience, and Environmental Science (AGES) undergraduate programs via place-based experiential engagements
- 2022 Role: PI. *In preparation.* [NSF Cultural Transformation in the Geoscience Community \(CTGC\)](#). Planning Grant: Building community learning ecosystems for climate change resilience in Northern Colorado.
- 2022 Role: Co-PI. *In Review.* [NSF STEM Ed PRE](#). STEM Ed Equity Program for Postdoctoral Scholars (STEPPS).
- 2022 Role: PI. \$25,000. [Hewitt Institute Grant for History and Social Science Education](#). Water Equity Teaching Training Workshop for High School Educators.
- 2021 Role: Co-PI. *Rejected – Revising for re-submission.* [NSF EHR Racial Equity](#). Collaborative Proposal: Racial Equity: Developing an assessment tool for intersectionally understanding sense of belonging in conservation science.
- 2021 Role: PI. \$25,000. [Hewitt Institute Grant for History and Social Science Education](#). Water Equity Teaching Training Workshop for High School Educators.
- 2020 Role: Principal Investigator. *Rejected* [SESYNC Pursuit \(Theme: Social and Environmental Dimensions of the Food-Water-Energy Nexus\)](#): Crop insurance subsidies for resilient & sustainable agroecosystems.
- 2019 Role: Co-PI. \$10,000. [City of Boulder Open Space and Mountain Parks Funded Research Program](#).

- 2014 Exceptional GTA for Environmental Science and Policy
- 2013 Graduate Travel Award, ESP GSA, George Mason University
- 2012 Smithsonian-Mason Doctoral Fellowship in Conservation Science (4 years)

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- 2018 Romulo, C., Raoufi*, A., Lagen, K., and Schwebach, J.R. 2018. Using peer review to improve lab report assignments. *American Biology Teacher*. Vol. 80 No. 4 (pp. 301-304) DOI: 10.1525/abt.2018.80.4.301
- 2017 Romulo, C., Basher, Z., Lynch, A.J., Kao, Y., and W. W. Taylor. 2017. Assessing the global distribution of river fisheries harvest: A systematic map protocol. *Journal of Environmental Evidence*. 6:29. DOI: 10.1186/s13750-017-0107-x.
- 2017 Wallen, K. E., and C. L. Romulo. 2017. Social norms: more details, please. *Proceedings of the National Academy of Sciences USA*. doi: 10.1073/pnas.1704451114
- 2017 Huber-Stearns, H., Bennet, D., Richards, R., Romulo, C

Romulo, C., Gilmore, M., Dallmeier, F., Kennedy, C., and Endress, B. *in preparation*.
 Majority of *Mauritia flexuosa* fruit for sale in Iquitos, Peru destructively harvested by cutting trees. Economic Botany.

TECHNICAL DOCUMENTS & ENVIRONMENTAL ASSESSMENTS

- 2018 Environmental Assessment Boise District Noxious Weed and Invasive Plant Management. DOI BLM. Contribution: GIS, Section Writing
https://eplanning.blm.gov/epl-front-office/projects/nepa/59448/147243/180997/Noxious_Weed_EA_final.pdf

- 2016 Environmental Assessment Sublette Mule Deer Mitigation Plan. DOI BLM. Contribution: Kickoff, GIS, Section Writing.
https://eplanning.blm.gov/epl-front-office/projects/nepa/58507/69814/76364/SubletteMuleDeerMitigationEA_508Compliant_03022016.pdf

- 2015 Environmental Assessment Catahoula Forest Health. USDA FS. Contribution: GIS, Section Writing
https://www.fs.usda.gov/nfs/11558/www/nepa/100741_FSPLT3_3906963.pdf

- 2015 Supplemental Environmental Assessment Army Residential Communities Initiative (RCI) Properties at Fort Belvoir, VA. DOD. Contribution: GIS, Section Writing
<https://www.belvoir.army.mil/environmental/RCI%20FINAL%20SEA.pdf>

- 2014 Environmental Assessment FY2017-2018 Poles and Buildings Program District 7525DA*FSBT/F2 11.04 Tf1 Contribution: GIS, Section Writing
https://www.fs.usda.gov/nfs/11558/www/nepa/99700_FSPLT3_2484176.pdf

- 2014 Environmental Assessment for the Solar Photovoltaic System Central Alabama Veterans Health Care System. Contribution: GIS, section writing
https://www.fs.usda.gov/nfs/11558/www/nepa/99700_FSPLT3_2484176.pdf

2016 Mini-Poster -

2018 Liberal Arts Core Assessment Pilot Study
2017 - 2020 Environmental & Sustainability Studies Curriculum Committee
2017 - 2020 Power Ed Campus Sustainability Committee
2017 - Current Co- Director, [UNC Earth and Environmental Network](#)

Editor
2020 Conservation Science

2019 - Current PhD: Brian Tucker - Topic: Outdoor Educational Learning Environments
2019 - Current PhD: Amanda Bevan - Topic: Impact of Bark Beetle Kill on bats and nocturnal food webs
2019 - Current PhD: Lee Arakawa -

ENST 495	Conservation Project Design & Planning	(online)	Fall 2020	8
ENST 364	Leadership and Community Building		Fall 2019	8
			Spring 2020	24
<i>George Mason University</i>				
INST 210	Sustainable World		Fall 2016	24
EVPP 110	Introduction to Environmental Science I (Lab)		Fall 2012	24