

JESSICA EISE, PhD

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EDUCATION

PhD	2020	Purdue University, Brian Lamb School of Communication
MA	2012	New York University, Arthur L. Carter Journalism Institute and Wilf Family Department of Politics (Joint MA), <i>Magna cum laude</i>
BA	2008	Saint Louis University, Department of Political Science, Center for International Studies and Department of Languages, Literatures and Cultures (Triple Major), <i>Summa cum laude</i>

APPOINTMENTS

2021 –	Assistant Professor of Social and Environmental Challenges; The University of Texas at San Antonio Department of Communication, San Antonio, TX, USA
2020 – 2021	Postdoctoral Researcher; Purdue University Brian Lamb School of Communication and Purdue Climate Change Research Center, West Lafayette, IN, USA
2017 – 2020	Ross Fellow; Purdue University Brian Lamb School of Communication, West Lafayette, IN, USA
2014 – 2017	Director of Communications; Purdue University Department of Agricultural Economics, West Lafayette, IN, USA
2008 – 2015	Freelance International Media Production Coordinator; Colombia, Oman, Equatorial Guinea, Mauritius, Guyana, Namibia, Mexico
2012 – 2014	New Media Associate; American Immigration Lawyers Association, Washington, DC, USA

PUBLICATIONS

Books

Eise, J., & Hodde, W. (2017). *The Communication Scarcity in Agriculture*. London: Routledge.

Edited Volumes

Eise, J., & Foster, K. (2018). *How to Feed the World*. Washington, D.C.: Island Press.

Journal Articles

Eise, J., Lambert, N.J., & Wiemer E.C. (2021). Leveraging Communities' Network Strengths to Support Climate Change Adaptation Information-Sharing: A Study with Coffee Farmers in Risaralda, Colombia. *Climatic Change*, 168, 12. <https://doi.org/10.1007/s10584-021-03206-w>

Eise, J., & Rawat, M. (2021). Applying Structural Divergence Theory to Climate Change Adaptation in a Localized Context: Understanding Adaptive Potential of Coffee Producers in Risaralda, Colombia. *Journal of Applied Communication Research*, 1-18. <https://doi.org/10.1080/00909882.2021.1970792>

Lambert, N.J., & **Eise, J.** (2020). Farming in the Face of Uncertainty: How Colombian Coffee Farmers Conceptualize and Communicate Their Experiences With Climate Change. *International Journal of Communication*, 14, 21.

Book Chapters

- Erangu, S., Mintz-Woo, K. A., Damert, M., Brunner, L. & **Eise, J.** (2019). Blogging Climate Change: A Case Study. In W. Leal Filho et al. *Addressing the Challenges in Communicating Climate Change Across Various Audiences*. Cham, Switzerland: Springer Nature.
- Eise, J.** (2018). The Information Hinge. In J. Eise et al. *How to Feed the World*. Washington, D.C.: Island Press.

White Papers

- Eise, J.** (2021). Clima y Café = Climate & Coffee: Adapting Together to Climate Change in Colombia (2020/2021 Engaged Activities). *Purdue Climate Change Research Center Publications*. Paper 4. <http://dx.doi.org/10.5703/1288284317323>
- Eise, J.**, Lambert, N.J., Adekunle, T.B., & Eise, L. (2020). More Inclusive, More Practical: Climate Change Communication Research to Serve the Future. *Purdue Climate Change Research Center Publications*. Paper 3. <http://dx.doi.org/10.5703/1288284317278>

ENGAGED RESEARCH

2018 – Present | Founder and Director

Clima y Café: Juntos Adaptándonos al Cambio Climático en Colombia (Climate and Coffee: Adapting Together to Climate Change in Colombia)

A research-informed, targeted climate change adaptation information outreach project for Colombian coffee farmers [www.climaycafe.com].

2019 – 2020 | Executive Producer

Desarraigo (Uprooted)

A research-informed, tailored digital campaign to raise awareness of climate change impacts on Colombia's coffee farmers in urban Colombian populations through empathy-building digital storytelling [www.desarraigocafe.com].

COMPETITIVELY SELECTED CONFERENCE PAPERS & PRESENTATIONS

Eise, J. & Rawat, M. (2022, May). *Acceptance, Tolerance and Connection to Environment and Others: Building an Understanding of the Spiritual but not Religious*. Paper to be presented at the Annual International Communication Association Conference, Public Relations Division, Paris, France.

Eise, J. & Meza Sepulveda, DC. (2021, Jul). *Clima y Café: An Information and Outreach Climate Change Adaptation Project in the Colombian Coffee Sector*. Presentation at the Latin American Workshop on Climate-Smart Agriculture, Munich, Germany.

Eise, J., Adekunle, T.B., Eversole, K., Eise, L., Murphy, M. & Sprouse, L. (2019, Nov). *Climate Change Communication Research: A Systematic Review*. Paper presented at the National Communication Association Annual Convention, Environmental Division, Baltimore, MD.

[Top Papers Session]

Eise, J. & Rawat, M. (2019, May). *Understanding Climate Change Adaptation Capacity in a Localized Environment*. Paper presented at the Annual International Communication Association Conference, Organizational Communication Division, Washington, DC.

Eise, J. & Wiemer, E.C. (2019, May). *Localized Climate Change Information Networks: Agricultural Producers in the Andean Region*. Paper presented at the Annual International Communication Association Conference, Environmental Communication Division, Washington, DC.

[Top Poster Award]

- Eise, J.** & Lambert, N.J. (2018, Dec). *Adopting an Engaged, Holistic Approach to Identifying Climate Change Adaptation Needs in Localized Environments: A Blueprint for Interdisciplinary Success Between the Sciences and Social Sciences*. Presentation at the American Geophysical Union Fall Meeting, Washington, DC.
- Eise, J.** (2018, Dec). *Managing and Bridging Language Differences in Climate Change Research in Local Knowledge Systems*. Poster at the American Geophysical Union Fall Meeting, Washington, DC.
- Lambert, N. & **Eise, J.** (2018, Nov). *Climate in Chaos: Colombian Coffee Farmers' Experience of Climate Change*. Paper presented at the National Communication Association Annual Convention, Environmental Division, Salt Lake City, UT.
- Eise, J.**, Meza Sepulveda, D.C, Rodríguez, J.M. & Ríos Sanabria, S. (2018, Nov). *Researching Together: The Role of Play in Fieldwork*. Paper presented at the National Communication Association Annual Convention, Ethnography Division, Salt Lake City, UT.
- Eise, J.** (2018, Oct). *Widening the Looking Glass: The Silenced Voices of Climate Change*. Presentation at the Organization for the Study of Communication, Language, and Gender Annual Meeting, Lake Tahoe, NV.
- Erangu, S., Mintz-Woo, K. A., Damert, M., Brunner, L. & **Eise, J.** (2018, Feb). *Blogging Climate Change: A Case Study*. Paper presented at World Symposium on Climate Change Communication, Austria.

HONORS & AWARDS

2022	Grant Development Program Award for <i>Climate Diplomats: Integrating Local Knowledge Systems for Climate Change Adaptation</i> , College of Liberal and Fine Arts, University of Texas at San Antonio
2021	Distinguished Dissertation Award for <i>The Objective/ Subjective Nature of Affordance Use in Digital Environments: Building a Tailored Climate Change Adaptation Website for the Colombian Coffee Sector</i> , College of Liberal Arts, Purdue University
2019	First Place Award; Ethics, Technology and the Future of War and Security National Composition Competition, Purdue Policy Research Institute, Purdue University
2019	Alan H. Monroe Graduate Scholar Award; Brian Lamb School of Communication, Purdue University
2017	Bravo Award for Creativity and Innovation; Purdue University
2017	Special Judge's Prize for <i>Digital News Source Verification</i> ; Amazon Catalyst

GRANTS (\$206,00 Total)

2021 – 2022	Eise, J. Prototype Development of Climate Risk Tool. \$25,000. World Resource Institute.
2020 – 2021	Eise, J. <i>Clima y Café</i> : A Climate Change Adaptation Website for Policy and Production Decision-Making Support in Colombian Agriculture. \$71,146. National Science Foundation (NSF) EAGER Grant #10001771.
2019 – 2020	Eise, J. Climate Change Sentiment and Social Impact in Rural/Urban Colombia: A Collaborative Engaged Research Project. \$20,000. Purdue Research Foundation Research Grant.
2019 – 2020	Forero, A., Matei, S.A. & Eise, J. Partnering for Prosocial Digital Campaigns: A Student Exchange and Faculty Collaboration. \$35,000.

- 100,000 Strong in the Americas Innovation Fund Nexo Global Innovation Competition for Creative and Cultural Industries | Colciencias & U.S. Department of State.
- 2019 **Eise, J.** Building a Climate Change Adaption Network for Colombian Agriculture: A Model for Context-Specific Information Network Growth and Behavior. \$19,000. Purdue College of Liberal Arts Global Synergy Research Grant.
- Eise, J.** Brian Lamb School of Communication Doctoral Research Grant. \$10,000.
- 2018 **Eise, J.** Climate Change Adaption in Colombia's Coffee Axis: Assessing Communicative Needs of Agricultural Producers. \$25,000. Purdue College of Liberal Arts Global Synergy Research Grant.

POPULAR PRESS PUBLICATIONS

- Eise, J.** (2021, Nov). Should Elon Musk try to solve the problem of world hunger with \$6 billion? 5 questions answered. *The Conversation*. <https://theconversation.com/should-elon-musk-try-to-solve-the-problem-of-world-hunger-with-6-billion-5-questions-answered-171187>
- Eise, J.** (2021, Jul). World hunger surged in 2020, with 1 in 10 people on Earth undernourished. *The Conversation*. <https://theconversation.com/world-hunger-surged-in-2020-with-1-in-10-people-on-earth-undernourished-164379>
- Eise, J.** (2020, Oct). Nobel Peace Prize spotlights the links between hunger and conflict. *The Conversation*. <https://theconversation.com/nobel-peace-prize-spotlights-the-links-between-hunger-and-conflict-147889>
- Eise, J.** (2019, Dec). What institutions can do to improve science communication. *Nature Career Column*. <https://www.nature.com/articles/d41586-019-03869-7>
- Eise, J.** & Connaughton, S.L. (2019, Jun). How an aid gusher helped and hurt Liberia. *The Conversation*. <https://theconversation.com/how-an-aid-gusher-helped-and-hurt-liberia-116877>
- Eise, J.**, Rawat, M. & Wiemer, E.C. (2019, May). Use peer-to-peer research collaboration in grad school. *Nature Career Column*. <https://www.nature.com/articles/d41586-019-01737-y>
- Eise, J.** (2019, Mar). Climate Adaptation in Coffee Country. *SIERRA*. <https://www.sierraclub.org/sierra/climate-adaptation-coffee-country-colombia-farmers>
- Eise, J.** (2019, Jan). Herding experts and polishing text: 10 tips for creating an edited volume. *Nature Career Column*. <https://www.nature.com/articles/d41586-018-07814-y>
- Eise, J.** & Foster, K. (2018, Sept). World hunger has risen for three straight years, and climate change is a cause. *The Conversation*. <https://theconversation.com/world-hunger-has-risen-for-three-straight-years-and-climate-change-is-a-cause-103818>
- Eise, J.** & White, N.J. (2018, Aug). Coffee farmers struggle to adapt to Colombia's changing climate. *The Conversation*. <https://theconversation.com/coffee-farmers-struggle-to-adapt-to-colombias-changing-climate-97916>
- Eise, J.** (2018, Aug). Food Security's Red Herrings: GMOs and Organic. *Thomson Reuters Foundation News*. <http://news.trust.org/item/20180807172721-sv9x6/>
- Eise, J.** (2018, Jun). The million-dollar question every scientist should be asking. *Naturejobs*. <http://blogs.nature.com/naturejobs/2018/06/15/the-million-dollar-question-every-scientist-should-be-asking/>
- Eise, J.** (2018, Feb). Agricultural Technology Can Save Humanity from Starvation (Again). *The Scientist*. www.thescientist.com/?articles.view/articleNo/51415/title/Agricultural-Technology-Can-Save-Humanity-from-Starvation--Again/
- Eise, J.** (2017, Jun). The discomfort is worth it: share more. *Naturejobs*. <http://blogs.nature.com/naturejobs/2017/06/12/the-discomfort-is-worth-it-share-more/>.

- Eise, J.** (2017, Mar). Getting started on an academic book: five questions to ask. *Naturejobs*. <http://blogs.nature.com/naturejobs/2017/03/24/getting-started-on-an-academic-book-five-questions-to-ask/>.
- Eise, J.** (2017, Feb). Science communication: what it takes. *Naturejobs*. <http://blogs.nature.com/naturejobs/2017/02/10/science-communication-what-it-takes/>.

INVITED PRESENTATIONS

- Eise, J.** (2021, Dec). *Society and Sustainability: The Human Component of Climate Change*. Presentation given at Blue Integrated Partnerships Consortium Kick-off Meeting at Purdue University in West Lafayette, IN.
- Eise, J.** & Meza Sepulveda, DC. (2021, Oct). *Juntos adaptándonos al cambio climático: Proyecto Clima y Café* [www.climaycafe.com]. Presentation at the VI Seminario Internacional de Investigación: Biotecnología y Sostenibilidad en la Industria de Alimentos [6th International Research Seminar: Biotechnology and Sustainability in the Food Sector], La Universidad de la Amazonia, Florencia, Colombia.
- Eise, J.** (2021, Jun). *The Many Paths to “How to Feed the World”*. Seminar presented at the Bergen Academies Climate Summit in Hackensack, NJ.
- Eise, J.** (2021, Apr). *International Development Experience and Learning Panel*. Panel presentation given for the I2D 2021 Expo at Purdue University in West Lafayette, IN.
- Eise, J.** (2021, Apr). *Communication in Agriculture*. Presentation given for the Purdue University College of Agriculture Dean’s Scholars Course in West Lafayette, IN.
- Eise, J.**, Foster, K., Shively, G. & Boehlje, M. (2021, Feb). *How to Feed the World*. Author Q&A with the World Food Prize Foundation.
- Eise, J.** (2020, Nov). *Towards a digital agricultural revolution, digital initiatives and applications in agriculture*. Presentation given for IICA (Instituto Interamericano de Cooperación para la Agricultura in San José, Costa Rica).
- Eise, J.** (2020, Oct). *World Food Prize Youth Institute*. Expert panelist.
- Eise, J.** (2020, Aug). *Jóvenes de Colombia y EE.UU.: Unidos para salvar el café colombiano* [Youth of Colombia and the USA: United to save Colombian coffee] Facebook Live presentation with the US Embassy in Bogotá, Colombia.
- Eise, J.** (2020, Jan). *Clima y Café: A Climate Change Adaptation Project*. Research seminar given for Nexo Global Rural Universidad de Caldas at Purdue University in West Lafayette, IN.
- Eise, J.**, Meza Sepulveda, D.C., Rodriguez, J.M. (2019, Oct). *The Importance of Social Context: Opportunities and Constraints for Successful Climate Change Adaptation for Colombian Coffee Farmers*. Research presentation given at the Technical University of Pereira First Forum of Coffee and Cacao in Pereira, Colombia.
- Eise, J.** (2019, Oct). *The Communication Scarcity in Agriculture*. Speech given at the AVEC General Assembly 2019 Food in the Future in Budapest, Hungary.
- Eise, J.** (2019, Sept). *The Human Variable: How Communication Determines Science Adoption*. Speech given at the Max Planck Institute of Molecular Plant Physiology Plants & People Conference in Potsdam, Germany.
- Eise, J.** (2019, Sept). *How to Feed the World*. Presentation given for Human Geography Course at Pulaski Academy, Little Rock, Arkansas.
- Eise, J.** (2019, Sept). *The Information Hinge in Food Security*. Presentation given for the Purdue University College of Agriculture Dean’s Scholars Course in West Lafayette, IN.
- Eise, J.** (2019, Aug). *Communicating Science, Food and Agriculture*. Presentation given at the Purdue Food Science Senior Seminar Series in West Lafayette, IN.
- Eise, J.** (2019, Jul). *Values and Perception: Communicating Controversial Issues in Animal Agriculture*. Invited

- presentation to be given at the “Contemporary and Emerging Issues Symposium: Public Policy” at the American Society of Animal Science Annual Meeting in Austin, Texas.
- Bowers, K. & Eise, J. (2019, Jun). *World Food Prize Youth Institute*. Presentation given at the Indiana Agriculture Teachers Summer Workshop at Purdue University, West Lafayette, Indiana.
- Eise, J. (2019, Jun). *Using Innovation to Tackle Climate Change: The Case of Colombian Coffee Farmers*. Presentation given at the Women4Peace Academic Visit at North Carolina University in Raleigh, North Carolina.
- Eise, J. & Foster, K. (2019, May). *How to Feed the World*. Panel presentation given for The World Food Prize Youth Institute at Purdue University in West Lafayette, IN.
- Eise, J., Foster, K., Dargent, E. & Gonzales-Mesons, M. (2109, Mar). *Feeding 10 Billion*. Panel presentation given for the IESE Doing Good Doing Well Business Conference in Barcelona, Spain.
- Eise, J. (2019, Jan). *Communicating Science and Food*. Presentation given at the Purdue Food Science Leadership & Professional Development Seminar Series in West Lafayette, IN.
- Eise, J., Lambert, N.J, Rodriguez, J.M., Meza Sepulveda, D.C. (2018, Sept). *Adapting to Climate Change: The Lived Experience of Colombian Coffee Farmers*. Research seminar given at the Purdue University Brian Lamb School of Communication in West Lafayette, IN.
- Eise, J. (2018, Jun). *Climate Change and Coffee: Communication in Risaralda*. Seminar given at the Technical University of Pereira in Pereira, Colombia.
- Eise, J. (2018, Apr). *Table Talk: Coming Together for a Healthy Future of Food*. Invited roundtable participant at the Bayer Listening Session at George Washington University, Washington, DC.
- Eise, J. (2018, Apr). *Feeding our World: Combating Food Waste and Unequal Access*. Webinar hosted for the Island Press webinar series out of Washington, DC.
- Eise, J. (2018, Feb). *Ethics and Research*. Seminar given at the Technical University of Pereira in Pereira, Colombia
- Eise, J. (2018, Jan). *Communication in Agriculture*. Speech given for the First Farmers Bank & Trust Ag Summit in West Lafayette, IN.
- Eise, J. (2017, Jun). *Establishing an Online Identity*. Workshop given for the Purdue Alliance for Graduate Education and Professoriate, West Lafayette, IN.

MEDIA COVERAGE

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- [Bloomberg Green: Sustainable Agriculture](#) on *Bloomberg TV*, Jul, 2021.
- [U.N. World Food Program Wins Nobel Peace Prize](#) in *WORT 89.9 8 O’Clock Buzz*, Oct, 2020.
- [Telling Climate Adaptation Stories](#) in *The Measure of Everyday Life*, Oct, 2020.
- [The global coffee crisis is coming](#) in *Vox*, Aug, 2020.
- [Colombian students’ web series raise awareness on the threats facing coffee farmers](#) in *International Communicaffe*, Aug, 2020.
- [Café colombiano, entre el cambio climático y la ausencia de jóvenes cafeteros](#) [Colombian coffee, between climate change and the absence of young farmers] in *Semana Sostenible*, Aug, 2020.
- [Purdue, Colombian students raise awareness of coffee farming threats](#) in *The Lafayette Leader*, Aug, 2020.
- [Salvar el café colombiano](#) [Saving Colombia’s coffee] in *El Espectador*, Jul, 2020.
- [Colombia’s National Coffee Organization Profits Off Climate Change Denial](#) in *VICE*, Jul, 2020.
- [Las malas condiciones de los campesinos: otro desafío para la producción de café colombiano](#) [Poor conditions for rural workers: another challenge for Colombian coffee production] in *El Espectador*, Jul, 2020.

[El cambio climático amenaza el futuro del café colombiano](#) [Climate change threatens the future of Colombian coffee] in *El Espectador*, Jul, 2020.

[Un mundo sin café](#) [A world without coffee] in *El Espectador*, Jul, 2020.

[Desde el Cafetal – Presentando Clima y Café](#) in *Emisora Cultural de Pereira 97.7 FM*, Jun, 2020.

[Rebuilding the coffee system for resilience](#) in *In This Climate Podcast* from Indiana University's Environmental Resilience Institute, Nov 22, 2019.

[As Climate Changes, Colombia's Small Coffee Farmers Pay the Price](#) in *Yale Environment 360*, Jul, 2019.

[15 Best Agriculture Books of All Time](#) in *Book Authority*, 2019.

[Ag experts take a look at 'feeding the world'](#) in *High Plains / Midwest Ag Journal*, Apr, 2019.

[20 Good Food Reads for Spring](#) in *Food Tank Lists*, Jan, 2019.

[26 great farm books for your reading list](#) in *AgDaily*, Nov, 2018.

[Book Review: Renee](#) in *WBAA Indiana Public Broadcasting*, Jun, 2018.

[When GMOs Are the Movie Star](#) in *Scientific American*, Oct, 2017.

[Why New GMO Labels Might Not Tell the Whole Story](#) in *Indiana Public Media*, Jul, 2016.

[Authors attempt to explain 'The Communication Scarcity in Agriculture'](#) in *Farm Futures*, Oct, 2016.

TEACHING EXPERIENCE

Fall 2021	COM 5103: Theories and Applications of Organizational Communication; The University of Texas at San Antonio (4.9/5.0)
Jun 2020	Algorithms and AI (Artificial Intelligence): The Future of Communication; Universidad de La Sabana, Chía, Colombia
Oct 2019	Communication in Agriculture Short Course (Instruction in Spanish); Universidad Tecnológica de Pereira, Pereira, Colombia
Jun 2019	Women4Peace Academic Visit: Building Peace & Rural Challenges in Colombia (Co-Instructor/Mentor for Colombian and US undergraduate students); North Carolina State University; Program funded by ICETEX/US Department of State
Spring 2017	AGEC 590: Multimedia & Comm in Agricultural Economics; Purdue University, Evaluation (5.0/5.0)
Spring 2015	AGEC 590: Multimedia & Comm in Agricultural Economics; Purdue University, Evaluation (4.7/5.0)
Fall 2015	COM 353: Problems in Public Relations; Purdue University, Evaluation (4.9/5.0)

LANGUAGES

English – native | Spanish – non-native fluent | Arabic & German – basic