



Department of Environment and Development

Visiting Faculty Bios



With 30 years of experience as a tropical ecologist and educator, Dr. Arévalo has provided field instruction and teaching for a wide range of local and international educational programs. His expertise includes designing academic syllabi and delivering classes in both English and Spanish. Dr. Arévalo has conducted classes and seminars in multiple countries, including Costa Rica, England, the United States, and Australia. Additionally, he has expertise in environmental compensation, landscape ecology, biodiversity conservation, and ecosystem services.

Publications

J. Edgardo Arévalo. 2023. Del entorno acústico al constructo de los paisajes sonoros y la importancia de su conservación. En Sonidos, imágenes y letras: representaciones de paisajes diversos, Eugenia Zavaleta Ochoa, editora. Consejo Editorial del Centro de Investigación en Identidad y Cultura Latinoamericanas (CIICLA). En prensa.

J. Edgardo Arévalo. 2022. A manera de síntesis: Compensación ambiental en Costa Rica. Rica. Revista de Biología Tropical, Vol. 70 (1), e53564.

Bonilla, Fabián; Federico Oviedo-Brenes; Davinia Beneyto-Garrigos; **J. Edgardo Arévalo**; Lilliam Morales-Gutiérrez; Juan Serrano-Sandí & Mahmood Sasa. 2022. Application of the Habitat-Hectare Method in environmental compensation: The case of the Río Piedras Reservoir, Costa Rica. Revista de Biología Tropical, Vol. 70 (1), e52283.

Sasa, Mahmood; Federico Oviedo-Brenes; Davinia Beneyto-Garrigos; Fabián Bonilla; **J. Edgardo Arévalo**; Ragde Sánchez; Lilliam Morales-Gutiérrez; Jazmín Arias-Ortega; Ronald Vargas-Castro; Juan Serrano-Sandí; Juan S. Monrós; Paul Hanson. 2022. Uso de la diversidad biológica de grupos indicadores para evaluar la compensación ecológica: el caso del Embalse Río Piedras, Costa Rica. Revista de Biología Tropical, Vol. 70 (1), e53487.

Sasa, Mahmood; Fabián Bonilla; **J. Edgardo Arévalo**; Federico Oviedo-Brenes; José Esteban Jiménez Vargas; Felipe Triana; Marco Vinicio Cedeño Fonseca; Wagner López;





Sofía Granados Martínez; Alan Gerardo Alán Mora; Ronney Alfaro Salazar. 2022. Compensación ambiental por la segregación y uso de un área dentro de un refugio de vida silvestre: un caso de estudio empleando coste de oportunidad. Revista de Biología Tropical, Vol. 70 (1), e53556.

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Rodríguez, Melissa E., Jorge Ortega, Gustavo Gutiérrez-Espeleta, J. **Edgardo Arévalo** and Bernal Rodríguez-Herrera. 2020. Genetic Diversity and Structure of Artibeus jamaicensis in the Fragmented Landscape of El Salvador. In J. Ortega and J. E. Maldonado (eds.), Conservation Genetics in Mammals, Smithsonian Institution.

Christopher Sayers, Celeste Moreland, Haylee Morgan and **J. Edgardo Arévalo**. 2019. Efecto de corto plazo del ruido por tráfico sobre coros de aves en un bosque nuboso neotropical. Zeledonia, 23:2, 8-28.

Menacho-Odio Rose Marie, Martha Garro-Cruz & **J. Edgardo Arévalo**. 2019.Ecology, endemism and conservation status of birds that collided with glass windows in Monteverde, Costa Rica. Revista de Biología Tropical, 62, 326-345.

Arévalo, J. E. & E. Blau. 2018. Road Encroachment Near Protected Areas Alters the Natural Soundscape Through Traffic Noise Pollution. Revista de Ciencias Ambientales (Tropical Journal of Environmental Science), 52(1): 2215-3896.

Arévalo, J. E., Honda, W, Adrián Arce-Arias, A., & Häger, A. 2017. Spatiotemporal variation of roadkills show mass mortality events for amphibians in a highly trafficked road adjacent to a national park, Costa Rica. Revista de Biología Tropical, 65, 1261-1276.

Ávalos, Gerardo, Achim Häger, **Edgardo Arévalo**, Mary Little y Katie Goodall. 2017. El Centro de Estudios sobre Desarrollo Sostenible: un modelo de educación en el extranjero con una huella positiva en Costa Rica. Ambientico, 264, Artículo 1, Pp. 4-12.

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Ashley L. Vizek, Macy Brusich, **J. Edgardo Arévalo** and Geovanny Mora- Pineda. 2012. The shift in altitudinal range of Azteca (Hymenoptera: formicidae) ants inhabiting Cecropia (Urticaceae) trees in Monteverde, Costa Rica. BRENESIA, 78: 93-95.

Sánchez-Quirós, Catalina, **J. Edgardo Arévalo**, and Gilbert Barrantes. 2012. Static allometry and sexual size dimorphism in Centruroides margaritatus (Scorpiones, Buthidae). Journal of Arachnology, 40:338-344.

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Arévalo, J. Edgardo & Philipp Heeb. 2005. Ontogeny of sexual dimorphism in the Longtailed Manakin, Chiroxiphia linearis: long maturation of display trait morphology. IBIS, 147 (4), 697–705.

Cháves-Campos, J., **Arévalo, J. Edgardo**. & Araya, M. 2003. Altitudinal Movements and Conservation of the Bare-necked Umbrellabird (Cephalopterus glabricollis) of the Tilarán Mountains, Costa Rica. Bird Conservation International. 13: 45-58.

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Arévalo, J. Edgardo & A. G. Gosler. 1994. The Behaviour of Treecreepers Certhia familiaris in Mixed- species flocks in winter. Bird Study: 41: 1-6.

Arévalo, J. Edgardo 1993. Apparent interruption of incubation by Eurasian Treecreeper. British Birds. 86 (8): 371-2.







Maria Rita Manzano Borba has over 15 years of diverse professional and academic experience. During this period, her interests and work have focused on the intersection of development, natural resources, and conflict. Maria Rita has worked across geographies and developed solid multi-cultural communication skills to engage and consult with the public and private sectors, local communities and international organizations in dynamic and complex environments. She has worked for consulting companies, think tanks, extractive industries, and international organizations such as the UNHCR and IFC. Her skills and experience include conflict resolution and negotiation, facilitation, stakeholder engagement and dialogue processes, social risks and impact assessment, resettlement and livelihood restoration, social and environmental safeguards, and diversity and inclusion. Maria Rita holds two Master degrees, in Law and Diplomacy from the Fletcher School at Tufts University, and in Human Geography from the University of Sao Paulo. A Brazilian national, Maria Rita grew up in Brazil, studied in the USA, and lived and worked in Southern Africa, and Southeast Asia.



Bipasha Baruah is Professor and Canada Research Chair in Global Women's Issues at Western University. Professor Baruah earned a PhD in environmental studies from York University, Toronto. She specializes in interdisciplinary research at the intersections of gender, economy, environment, and development. Most of her current research aims to understand how to ensure that a global low-carbon economy will be more gender equitable and socially just than its fossil-fuel based predecessor. Author of a book and more than 100 peer-reviewed articles, book chapters, and other works, Professor Baruah serves frequently as an expert reviewer and advisor to Canadian and intergovernmental environmental protection and international development organizations.

Peer-reviewed Monographs

Baruah, B. 2010. Women and Property in Urban India. Vancouver: UBC Press. Peer-reviewed Journal Articles (Current and former graduate student co-authors' names are bolded and underlined)



Pienaah, C., Baruah, B. and I. Luginaah. 2024. Women's perspectives on addressing the decline of Shea trees in Northern Ghana. GeoJournal. 89(9): 1-15.

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Najjar, D., Baruah, B., Aw-Hassan, A., Bentaibi, A. & G. T. Kassie. 2018. Women, work, and wage equity in agricultural labour in Saiss, Morocco. Development in Practice 28(4): 525-540.

Siddika, A. and B. Baruah. 2017. Can Understanding Phenomenology and Human Capabilities Help Us Address Acid Violence? South Asia: Journal of South Asian Studies 41(1): 153-172.

Grantham, G. and B. Baruah. 2017. Women's NGOs as intermediaries in development cooperation: findings from research in Tanzania. Development in Practice 27(7): 927-939.

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Wilkerson, O. and B. Baruah. 2001. Organized Complexity, Information, and State-of-Sustainability Reporting: A Case Study of the Tl'azt'en Nation. Western Geography 10: 64-88.

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Book Chapters

Baruah, B. 2022. Gender Equality and Empowerment in the Social and Solidarity Economy. In Yi, I. etal (eds.) Encyclopedia of the Social and Solidarity Economy. Cheltenham and Northampton, MA. Edward Elgar Publishing Limited in partnership with United Nations Inter-Agency Task Force on Social and Solidarity Economy (UNTFSSE). Baruah, B. and S. Biskupski-Mujanovic. 2021. Closing the Gender Gaps in Energy Sector Recruitment, Retention and Advancement. In Webb, J., Tingey, M. & F. Wade (eds.) Research Handbook on Energy and Society. Edinburgh, UK: Edward Elgar Publishing. pp. 169-184.

Ferroukhi, R., López, C. & B. Baruah. 2021. Global Trends in Women's Employment in Renewable Energy: Continuities, Disruptions, Contradictions. In Williams, A. & I. Luginaah



(eds.) Gender Matters Globally: Geography, Health and Sustainability. London and New York: Routledge. pp. 56-78.

Baada, J. and B. Baruah. 2021. Internal migration as a determinant of antenatal care in the Brong-Ahafo Region, Ghana: Does length of residence matter? In Williams, A. & I. Luginaah (eds.) Gender Matters Globally: Geography, Health and Sustainability. London and New York: Routledge. pp. 183-199.

Najjar, D., Dhehibi, B., Baruah, B., Aw-Hassan, A. and A. Bentaibi. 2021. Climate-Induced Migration, Women, and Decision-Making Power in the Agricultural Wage Sector in Saiss, Morocco. In Eastin J. and K. Dupuy (eds.) Gender, Climate Change and Livelihoods: Vulnerabilities and Adaptations. Oxfordshire, UK: CAB International. pp. 185-195.

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Baruah, B. and M. Govindan. 2015. Engaging with Gender and Other Social Inequalities in Renewable Energy Projects. In Hostettler, S., Gadgil, A. and E. Hazboun (eds.). Sustainable Access to Energy in the Global South: Essential Technologies and Implementation Approaches. New York: Springer. pp. 189-192.

Baruah, B. 2012. Women in Urban Settings. In Beall, J., Guha-Khasnobis, B., and R. Kanbur (eds.). Urbanization and Development in Asia: Multidimensional Perspectives. New York: Oxford University Press. pp. 245-267.

Baruah, B. 2012. Commentary: A Better Way to Grow? Town Planning Schemes as a Hybrid Land Readjustment Process in Ahmedabad, India. In Ingram, G.K. and Y. Hong (eds). Value Capture and Land Policies. Cambridge, MA: Lincoln Institute of Land Policy. pp. 183-186.

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Other Peer-reviewed Publications

Saska, S. & B. Baruah. 2020. Bridging Social Innovation and Gender Equality: Possibilities and Pitfalls. Available at SSRN: http://dx.doi.org/10.2139/ssrn.3572776 Saska, S. & B. Baruah. 2020. Social Innovation and Gender Equality: Bridging Two Solitudes. Available at SSRN: http://dx.doi.org/10.2139/ssrn.3572738

Baruah, B. 2012. Informal Economy. In Warf, B. (ed.) Oxford Bibliographies in Geography. New York: Oxford University Press.

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Baruah, B. 2010. Women and Landed Property in Urban India: Negotiating Closed Doors and Windows of Opportunity. Working Paper No. 2010/56. Helsinki, Finland: United Nations University-World Institute for Development Economics Research (UNU-WIDER).

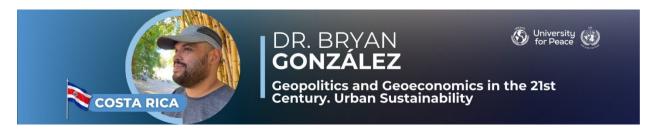
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paper prepared for the international conference Living on the Margins: Vulnerability, social exclusion and the state in the informal economy, Cape Town, South Africa, March 26-28.

Baruah, B. 2004. Challenges and Opportunities in Land Ownership for Women in the Informal Sector in Urban Contemporary India. Working Paper No. 3 in Bose, P. (ed.) Ethics of Development-Induced Displacement. York University: Centre for Refugee Studies.



Bryan González Hernández has a PhD in Latin American Studies with emphasis in Latin American Thought. He also has a master's degree in Latin American Studies in Culture and Development as well as a B.A. in International Relations with emphasis in Foreign Policy and Diplomacy. His research has focused on topics such as Critical Studies of Development and Climate Change; Security and Geopolitics; International and Latin American Politics. Has worked as coordinator of a master's program in Latin American Studies at the National University of Costa Rica; professor in public and private universities in Costa Rica; and as associate researcher in national and international research centres, such as Latinia – Observatory of Latin America in Spain and the Centre for Studies on Geopolitics and Foreign Affairs in Brazil. He also worked on an educational and research project on socio-environmental issues called Escuela de la Tierra, while collaborating in the promotion of environmental education for a Wildlife Refuge in southern Costa Rica

Peer-reviewed Journals

González, B. (2021). Argos Panoptes. Or the Matter, Form and Power of the State in the Context of Global Collapse. In Nuestra Praxis Journal. ISSN: 2594-2727. Volume 5, Number 9 (2021). July-December 2021. Mexico City, Mexico: ANEICJ. Pp. 128-145. (In Spanish)

González, Bryan. (2017). The bio/geopolitical construction of the National Security Doctrines. In Cadernos do CIM. ISSN: 2526-5318. Year I. Volume I. issue I, January-June 2017. Mercosur Integration Center. Rio Grande do Sul, Brazil. Pp. 61-79. (In Spanish)

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González, Bryan. (2011). Central America ambush. The geostrategic situation of the region in the 21st century. In Temas de Nuestra América, ISSN: 0259-2339. Volume 27, issue 50. IDELA-UNA: Heredia, Costa Rica. Pp. 93-120. (In Spanish).

González, Bryan. (2010) Political thought in modernity. In Praxis Journal, ISSN: 2215-3659. Issue 64-65. School of Philosophy-UNA: Heredia, Costa Rica. Pp. 145-159. (In Spanish)

González, B. (2005). Book review: "Global Terrorism" by Fernando Reinares]. In Relaciones Internacionales Journal, issue 69. School of International Relations-UNA, Heredia, Costa Rica. (In Spanish).

Books

González, B (2013). The Reconfiguration of Mesoamerica: A Theoretical Approach. Heredia, Costa Rica: IDELA-EUNA. (In Spanish).

González, B. (2009). Beyond the Free Trade: Essential Security]. Heredia, Costa Rica: CIDCSO-UNA. (In Spanish).

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Chapters in books

González, B. (2024) Liquid Mesoamerica. Hydro-strategic importance of the region in the plutogenic era. En Sylvester, O., Ramin, C. & Breitling, J. (Eds). Water Emergency: Case Studies and Global Perspectives. Costa Rica: University for Peace Press (In press). (In English)

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González, Bryan. (2017). Iuricide and Total War: threats to the new Latin American constitutionalism and legal pluralism. In Albuquerque, A; Pereira, M; de Ávila, F. (Editors). Democracy, peace process and disarmament. Florianópolis, Brazil: CONPEDI. (In Spanish).



González, Bryan. (2010). Geopolitics of Free Trade. In Pennaforte, Charles; Luigi, Ricardo. (Editors). Geopolitical Perspectives. A contemporary approach. Rio de Janeiro, Brazil: Cenegri Edições. (In Portuguese).

González, Bryan; Saxe, Eduardo. (2009). World Collapse and the new Nomos of the Earth]. In de Sá, Alcindo. (Editor). In the geographies of violence... the rebirth of spaces of civility? Recife, Brazil: CCS-UFPE. (In Spanish)



Mary Little LL.M. is an associate professor at the Center for Sustainable Development Studies, School for Field Studies (SFS), in Costa Rica. She also teaches Social Research Methods and Sustainable Tourism at the University for Peace. Before teaching, Mary studied human rights law advocated for the legal rights of refugees and women experiencing domestic violence. These experiences with advocacy have informed her social justice approach to research and teaching. Her research explores communitydriven waste solutions, responsible tourism and regenerative food initiatives. Currently, she is focused on agrotourism as a mechanism for climate adaptation and the links between tourism, food security and social-solidarity movements for her Ph.D. research.

Publications and Reports

Little, M., Sitt, M. and Horn, T. (2024). Food democracy as food security strategy: The case of a Costa Rican tourism town. *Journal of Agriculture, Food Systems, and Community Development* (pending publication).

Little, M. (2023). Enhanced Food Security through Localised Community Crypto-Currency: Experiences of a Costa Rica Tourism Town. In F. Higgins-Desbiolles and B. Bigby (Ed.) Reorienting Tourism. London: Channel View Press.

Little, M. and Sylvester, O. (2022). Agroecological producers shortening food chains during Covid-19: opportunities and challenges in Costa Rica. *Agric Hum Values* 39, 1133–1140, <u>https://doi.org/10.1007/s10460-022-10298-2</u>

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