

ABOUT US

EARTH OCEAN FOOD SYSTEMS (ETHOS), Inc. *is a start-up organized to accelerate philanthropy to directed actions that advance ecological aquaculture and regenerative agriculture systems which are socially and environmentally inclusive and just. We work at the nexus of social and climate change in renewable energies, soil and water conservation, and restorative aquaculture and agriculture. ETHOS has a special focus on assisting the next generation of leaders working in food production and justice to increase participation of more of the world's spectacular human diversity, indigenous peoples, support decolonization, and enhance global to local directed actions in food for peace initiatives.*

ETHOS is a 501©3 tax exempt international organization with its principal office in Maine, USA

PROFESSIONAL STAFF

ETHOS is led by **Barry Antonio Costa-Pierce** (“BCP”) Ph.D. (Oceanography, University of Hawai’i) as its President/CEO. [ORCID](#) | [Google Scholar](#) | [LinkedIn](#)

Tamara Fonseca de Almeida, Ph.D. (São Paulo State University) is the ETHOS Principal Scientist. Tamara is a biologist and coastal manager with an M.Sc. in Aquatic Biodiversity and a Ph.D. in Aquaculture. In her previous



research Tamara investigated how the aquaculture of indigenous fish can promote the sustainable development of rural communities in Brazil, and how these systems consume and restore natural resources. She was a post-doctoral scholar in the European Union Aquavivae Program assessing the sustainability of low-trophic and Integrated Multi-Trophic Aquaculture (IMTA) systems. Tamara is a researcher in the “Oceanos de Plástico” Project assessing systemic solutions for marine plastic litter. She was involved in projects for SOS Mata Atlântica Foundation and the Forest Code Observatory

mapping and linking initiatives for forest conservation and restoration.

[ORCID](#) | [LinkedIn](#)



Cristina Sandolo, M.A. (Ocean Food Systems, University of New England) is a Grants Program Specialist for the ETHOS, Inc. and Ecological Aquaculture, LLC teams. Cristina has worked in food justice and community food systems for 14 years, leading organizations through phases of growth and change, most recently transitioning [Real Food Generation](#) into a Workers Self-Directed Model of leadership. Previously, she transformed the [Green Village Initiative](#) into a food justice organization committed to antiracism, working to develop an [Urban Agriculture Master Plan for the City of Bridgeport](#). At [Wholesome Wave](#), she coordinated a national network of partners implementing farmers market incentive programs and fruit and vegetable prescription programs. Her master’s linked barriers to oyster

aquaculture in the Mid-Atlantic to historic systems of oppression and racism, resulting in equity-based recommendations for industry managers to use to grow a more diverse population of aquaculture entrepreneurs.



A picture of BCP in Iceland where he completed a Fulbright Specialist Award at the University of Akureyri and Holar University. In 2023 BCP received an Honorary Doctorate from the University of Gothenburg, Sweden, and a PALCUS Award for Leadership in Science from the Portuguese American Leadership Council of the United States



Sierra S. Costa-Pierce, B.A. (Unity College) is a part-time farming systems specialist at the ETHOS aquatic permaculture demonstration farm in Biddeford, Maine, USA. He works for [Bite into Maine](#) in Portland. Sierra has worked for 7 years to develop food and restoration activities for over 50 species of plants and 3 species of fish at the demonstration/education site in coastal Maine.

ADVISORY BOARD

Joseph Kiefer, M.A. (Social Ecology, Goddard College) is a Senior Advisor to Costa-Pierce and a member of the ETHOS Board. Joseph lives in Central Vermont where he co-owns and co-manages the White Dove Herbal Sanctuary together with his wife, Amy Goodman Kiefer. Joseph has spent his career working on food systems changes at the school, town, and statewide levels. He is the co-author of *Digging Deeper*, a comprehensive guide to integrating youth gardens into schools and communities. He founded the Vermont Food Bank in the 1980's and has worked for decades on the pioneering Vermont FEED (Food Education Every Day) programs.



Joseph (R) with BCP



Jonathan A.C. Roques, Ph.D. (Biology, Radboud University Nijmegen) is a scientist originally from France working now in Sweden at the University of Gothenburg and [SWEMARC](#), the Swedish Mariculture Research Center. He started his aquaculture journey doing Master's and PhD degrees in collaboration between Radboud University Nijmegen and Wageningen University & Research, Netherlands examining animal health and welfare in aquaculture, work he continues at SWEMARC. Jonathan is also involved in the sustainable development of closed aquaculture containment systems in his collaborative project [MARTINIS](#) (MARiculture Technical INnovations In Sweden) together with the University of Hiroshima, Japan. He also shares his passion and knowledge for aquaculture with the new generation of aquaculture leaders as an instructor in the Nordic Master's Program in Sustainable Production and Utilization of Marine Bioresources ([MAR-BIO](#)).

[ORCID](#) | [Google Scholar](#)

We are actively recruiting 2-3 additional members of the Advisory Board.

The ETHOS and EA offices in Maine and 2 ha family farm are located about 1 km inland from the North Atlantic Ocean. ETHOS and EA recognize it is located on lands of the Sokoki Wabanaki Nation whose sovereign rights were stolen and sacred sites desecrated by colonialism, racism, and hatred. ETHOS and EA recognize the Sokoki and other Wabanaki Nations (Passamaquoddy, Penobscot, Maliseet, Mi'kmaq) as distinct, sovereign entities with self-governance and self-determination. Our partner in Hawai'i, Kaula'i Sea Farms, is an indigenous organization that stewards sacred Hawaiian lands on the island of Kaula'i. ETHOS and EA recognize the Hawaiian Kingdom as a sovereign, independent nation, and that the United States is illegally occupying Hawai'i, to which United States government has formally agreed. In 1993, the United States Congress admitted its wrongdoing in the [Apology Resolution](#) which was signed by President William Jefferson Clinton on the 100th anniversary of the overthrow of the Hawaiian government by the United States. The Apology Resolution stated that the Hawaiian government never relinquished its sovereignty, and the Hawaiian Kingdom remains the only legitimate government of the Hawaiian Islands.