



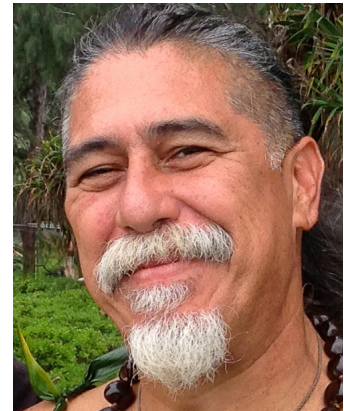
Olohana Foundation

Cultivating community resilience around food, energy, water, and knowledge systems.

100² HOMEGROWN FOODFORESTS A PROJECT OF THE OLOHANA FOUNDATION

TEAM MEMBERS BIOS

M. Kalani Souza
Olohana Foundation
Founding Director



M. Kalani Souza, Founding Director of the Olohana Foundation, is a gifted storyteller, singer, songwriter, musician, performer, poet, philosopher, priest, political satirist, and peacemaker. A Hawaiian practitioner and cross-cultural facilitator, he has experience in promoting social justice through conflict resolution.

Souza taught Conflict Resolution at UH Manoa in DURP Program and was on the Committee for Intense Public Conflict of ACR (the Association for Conflict Resolution), a body of 6,000 professional, international peacemakers. He works as a Coastal Community Resilience Trainer with FEMA Consortium member, the National Disaster Preparedness Training Center at the University of Hawaii. He served as Chairman of the Indigenous Knowledge and Education Working Group of the Pacific Risk Management 'Ohana (PRiMO) a collection of federal, state, county and non-governmental agencies that works primarily to mitigate and respond to disasters in the greater pacific region. He serves as a cultural competency consultant for NOAA Pacific Services Center of the Dept. of Commerce and previously served as one of two Hawaiians in the Native Network, a group of 450 peacemakers on the Dept. of Interiors out of the Morris Udall Center for Peace in Tucson, Arizona.

Souza's native roots allow him a unique perspective of the collision of two worlds: one steeped in traditional culture and the other a juggernaut of new morality and changing economic and political persuasion. He is a messenger of integration and collaboration in a world normally rife with exclusion, oppression, and hopelessness. His work in behavior modification research, leadership, team-building, and political strategy gives him generous insights into group dynamics and systems of governance.

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A project of the Olohana Foundation
#100&Change submission
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Kalia Lydgate
Olohana Foundation
CEO and Executive Director



Kalia Lydgate is a cultural creative professional and Executive Director of the Olohana Foundation. In 2007, Lydgate co-authored the first successful state legislation to fund green jobs training programs in Massachusetts. In 2010, she co-founded P.O.W.E.R. (People Organizing for Wealth and Ecological Restoration), a program based in New Bedford, Mass. that developed innovative, whole-systems solutions for environmental, economic, and social justice challenges. She also founded the New Bedford Green Jobs, Green Economy Initiative and served as a Mayoral Fellow in the city of New Bedford from 2010-2012. From 2007-2010, Lydgate was the Youth Coordinator for Connecting for Change, a Bioneers conference of the Marion Institute. As part of her role, she developed after-school curricula to teach sustainability and environmental justice to urban youth through spoken word and hip hop. Lydgate graduated from Wesleyan University in 2007 with a degree in Social Ecology.

Failautusi Avegalio, Jr.
Global Breadfruit Heritage Council
Olohana Foundation
Director



Papalii Dr. Failautusi 'Tusi' Avegalio is Director of the Global Breadfruit Heritage Council and an advocate of holistic economic development strategies that are community-based and sustainable. Avegalio's groundbreaking activities to revitalize breadfruit in the Pacific Islands received the 2014 National Award of Excellence (Research and Analysis Category) from the University Economic Development Association (UEDA). Among his many organizational affiliations, are the International Society for Organizational Development and Change, the International Union for Conservation of Nature, and the National Disaster Preparedness Center. Through his work and travels, he has developed working relationships with key government and industry leaders throughout the Pacific Islands and continental U.S. Avegalio works with indigenous peoples throughout the world, most recently participating in a national reconciliation between First Nations indigenous peoples and the Canadian Government.

In keeping with traditional Polynesian values, Avegalio holds sustainability to be a function of social, cultural, political, economic, technological, ecological and spiritual dimensions focused on balance and the carrying capacity of natural systems.

Craig Elevitch
Agroforestry Net
Director



Craig Elevitch has been an educator in agroforestry and sustainable human agroecosystems since 1991. He directs Agroforestry Net, a nonprofit educational organization dedicated to empowering people in agroforestry and ecological resource management. The organization's internationally recognized publications and workshops have guided thousands in becoming more proficient in ecological food production, agroforestry, and reforestation. Elevitch has facilitated numerous agroforestry workshops throughout the Pacific, with over 5,000 producers and resource professionals participating since 1993. His agroforestry publications have garnered millions of downloads since 2000. These include *Agroforestry Guides for Pacific Islands* (2000), *Traditional Trees of Pacific Islands: Their Culture, Environment, and Use* (2006), *Specialty Crops for Pacific Islands* (2011), and *Agroforestry Landscapes for Pacific Islands: Creating abundant and resilient food systems* (2015), all of which promote diverse agricultural systems that are environmentally and ecologically sustainable. Elevitch is also co-director of Ho'oulu ka 'Ulu and agroforestry director of the Pacific Regional Breadfruit Initiative, projects to restore breadfruit agroforests in Pacific Island landscapes.

For the past several years, the U.S. Department of Agriculture (USDA) and the U.S. Office of International Affairs (OIA) have contracted with Elevitch and Souza as instructors to teach breadfruit agroforestry. They have traveled throughout Polynesia, Micronesia, U.S. affiliate islands and the U.S. Virgin Islands as instructors.

Carla Johnson
EarthvisionZ
CEO/Co-Founder



Carla Johnson has 25 years of experience in 3D geospatial earth modeling, environmental hydrogeology, engineering, virtual earth web and mobile development, and global green energy initiatives. In 2009, Johnson formed EarthvisionZ, a Web 3.0, location intelligence software company that creates location-aware consumer and enterprise applications in a variety of verticals including; property preservation, banking, insurance liability, telecommunications, transportation, sports, charitable giving, renewable energy, green living, world news, healthcare and more. EarthvisionZ produced the first-ever LIVE-play mobile app for all PGA TOUR events and the virtual earth websites for the 2008 Beijing Summer and 2010 Vancouver Winter Olympics, the ATP Barclay's World Tour Finals, *National Geographic*, a Middle East peace negotiation summit, and the green living initiative for *Fox News*.

In 1994, Johnson founded Waterstone, Inc., an environmental consulting firm specializing in complex hydrogeologic flow and transport modeling for cleaning up contaminated groundwater systems, human health and ecological risk assessment associated with environmental damage, and environmental engineering. A leader in the application of 3D satellite and geospatial imaging, Johnson's company created and deployed the first 3D virtual earth (before Google Earth) decision support and asset management software product that helps manage the business and technical aspects of environmental issues, asset management, operations and planning at 13 US Air Force bases, Union Pacific Railroad, and other large organizations.

She has been featured on *CNN* and in documentary films as an expert in groundwater hydrology and water issues in the Southwest (Hopi and Navajo Tribal Lands), appeared on the cover of the *LA Times Sunday Magazine* concerning water issues in the southwest, and was interviewed in *The Economist* with Microsoft and Google for an article on the emerging geospatial 'WHERE' world. She was also nominated in the *Lbx Journal's* "Top 10 Women in Location" globally.

Johnson's vision is to be able to connect people with their passion through place. She envisions using the power of live social interaction combined with beautiful visual realism of the earth, at any scale, and relevant crowd-sourced data through one virtual earth website interface. She believes a deeper connection with the earth can impact social and environmental issues, politics, science, and consumer behavior, through an entertaining, immersive, personal, and emotional web experience.

Daniel R. Wildcat
Haskell Environmental Research Studies Center
Haskell Indian Nations University
Director



Daniel R. Wildcat, a Yuchi member of the Muscogee Nation of Oklahoma, is Director of the Haskell Environmental Research Studies (HERS) Center and member of the Indigenous & American Indian Studies Program at Haskell Indian Nations University in Lawrence, Kansas. He has taught at Haskell for 30 years. In 2013 he was the Gordon Russell visiting professor of Native American Studies at Dartmouth College and has served as adjunct faculty for the Bloch School-UMKC for the past decade.

Wildcat has been an invited speaker on American Indian worldviews at the Goddard Space Flight Center, the Smithsonian National Museum of the American Indian, Harvard Medical School, Dartmouth College, and many other institutions of higher education and community organizations. In 1992, he was honored with the Heart Peace Award by the Kansas City organization, The Future Is Now, for his efforts to promote world peace and cultural diversity. Wildcat manages the American Indian and Alaska Native Climate Change Working Group, a tribal college-centered network of individuals and organizations working on climate change issues, now known as the Indigenous Peoples' Climate Change Working Group. In 2008, he helped organize the Planning for Seven Generations climate change conference sponsored by the National Center for Atmospheric Research; and in 2009, he co-chaired with Winona La Duke the national Native Peoples-Native Homelands Climate Change Workshop at the Mystic Lake Hotel & Casino in Minnesota.

He is the author and editor of several books: *Power and Place: Indian Education In America* (2001) with Vine Deloria, Jr.; *Destroying Dogma: Vine Deloria's Legacy on Intellectual America* (2006) with Steve Pavlik. His most recent book, *Red Alert: Saving the Planet with Indigenous Knowledge* (2009), suggests current global climate change issues will require the exercise of *indigenuity* (indigenous ingenuity) and wisdom if humankind is to reduce the ecological damage that's already well underway.

Wildcat received B.A. and M.A. degrees in sociology from the University of Kansas and an interdisciplinary Ph.D. from the University of Missouri at Kansas City.

Bob Gough, Esq.
Intertribal Council On Utility Policy
Secretary



Bob Gough (Irish, French and Lenape descent) is an attorney with graduate degrees in sociology and cultural anthropology, specializing in cultural ecology, working with Indian Tribes on cultural and natural resource issues over the past thirty years. In 1994 Gough became the first director of the Rosebud Sioux Tribal Utility Commission, overseeing the initiation of the Tribe's 750kW wind turbine project. He served as a consulting attorney to that commission, negotiating with Western Area Power Administration (WAPA) for allocations of federal hydroelectric power to the MniSose Intertribal Water Rights Coalition of Tribes in the Missouri River basin. He was the 1997 Indian Law Fellow at the University of South Dakota, Vermillion, S.D. specializing in research on energy, telecommunications, utilities and tribal jurisdiction. In 2000, he was the El Paso Energy Research Fellow at the Natural Resources Law Center, University of Colorado, Boulder, Colorado, working on technical and policy issues involved in interconnecting reservation-based renewable generation onto the federal transmission grid operated by WAPA.

Gough serves as the founding secretary of the Intertribal Council On Utility Policy (COUP), an organization created to provide information on rights and resources for utility services on tribal lands with respect to regulatory authority, legislation, policy, and economic opportunity through partnerships in telecommunications and energy development. Intertribal COUP is composed of 15 federally recognized Indian tribes. Intertribal COUP participated in the Inter-Tribal Energy Network, a collaboration of regional and sector tribal organizations across the West involved in the deliberation and preparation of federal Indian energy policy 1999 through 2005.

Gough co-chaired the U.S. Global Change Research Program (USGCRP) "Native Peoples / Native Homelands Climate Change Workshop" (NPNH) held in 1998, served on the steering committee for NPNH2 (2009), and is on the National Congress of American Indians (NCAI) Climate Change Steering Committee. He co-directed NativeWind, a non-profit organization supporting partnerships betweenICLEI-Local Governments for Sustainability and COUP tribes to build sustainable reservation economies based upon renewable energy. He has been a primary consultant to the Wind Powering America program's Native American Initiative at the National Renewable Energy Laboratory since 2001, where his work was recognized by USDOE with the Wind Energy Program Outstanding Technology Acceptance Award in 2004.

Gough sits on the Western Governors' Association's Clean and Diversified Energy Advisory Committee. He is one of the architects of the Rosebud/COUP Intertribal Wind Energy Plan, which received the inaugural World Clean Energy Award in Basel, Switzerland (2007). In 2007, he was trained by Al Gore in Nashville as a presenter for The Climate Project.

Gough has written articles on cultural resource rights and protections and presented on a variety of legal issues on cultural and natural resource rights protection, and on renewable energy and climate change at numerous professional conferences around the world.

Julie Kai Stowell
Lomikai Media
Owner/President



Lomikai Media is part of Lomikai, Inc., a suite of services including facilitation, media production, event planning, food, health and community wellness. Stowell is a social justice and indigenous rights advocate and health professional since 1986. Her global travels, wilderness training, native studies, and exposure to many indigenous cultures and peoples give her a unique perspective and approach. She was trained and apprenticed with Kumu Aunty Margaret Machado of Napoopoo, Hawaii. She advocates for organic farming, backyard permaculture, good food and healthy cooking practices, and practices that support resilience and sustainability for healthier living. Stowell is the owner of the Mermaid Lounge & Beauty Bar in Honokaa, Hawaii and the owner/president of Lomikai Media, a broadcast quality resource and media firm for documenting community and an audio production facility in Hamakua, Hawaii. Past Lomikai Media clients include; NOAA, CSC PSC, NPS ATA, UH NDPTC, PRIMO.

BOARD OF DIRECTORS

Team members will appoint a board of directors, anticipated as three representatives from the Olohana Foundation and two representatives from each of the other partnering organizations.

ADVISORY BOARD (anticipated)

Bill Thomas, Pacific Islands NOAA Office of Coastal Management, National Oceanic and Atmospheric Administration; Pacific Risk Management 'Ohana, Chairman

Chad Waukechon, Letters and Science, College of Menominee Nation; Dean

ChenziRa Davis-Kahina, Virgin Islands and Caribbean Cultural Center, Center for Spirituality and Professionalism, University of the Virgin Islands, Director

Chris Caldwell, Sustainable Development Institute, College of Menominee Nation; Director

Ernst Gotsch, AgendaGotsch, agroforestry scientist, researcher, farmer

Heather Lazrus, Rising Voices: Collaborative Science with Indigenous Knowledge for Climate Solutions; NCAR/UCAR, Project Scientist in the Mesoscale and Microscale Meteorology Laboratory at the National Center for Atmospheric Research in Boulder, Colorado

James Burke, James Burke & Associates, Owner/Director

Jean Tanimoto, Indigenous Knowledge and Education Working Group, Steerperson; Pacific Islands NOAA Office of Coastal Management

Julie K. Maldonado, Livelihoods Knowledge Exchange Network, Director of Research;
University of California Santa Barbara, Environmental Studies Lecturer

Karl Kim, National Disaster Preparedness Training Center, University of Hawaii, Executive
Director; Pacific Risk Management 'Ohana, Vice-Chair

Kristina Kekuewa, Pacific Islands NOAA Office of Coastal Management, National Oceanic and
Atmospheric Administration, Regional Co-Lead Director

Kyle Powys Whyte, Michigan State University; faculty

Ramsay Taum, Indigenous Knowledge and Education Working Group, Steerperson;
Life Enhancement Institute of the Pacific, Owner/Director

Reynaldo Morales, University of Wisconsin; faculty

ADVISORY BY ORGANIZATION (anticipated)

Knowledge Systems, Climate Change Education, Disaster Preparedness Education & Training, Phenology Research

- College of Menominee Nation
- Indigenous Knowledge and Education (IKE) Working Group,
Pacific Risk Management Ohana (PRiMO)
- Indigenous People's Climate Change Working Group (IPCCWG)
- Kanu O Ka Aina 20th Century Learning Ohana
- National Disaster Preparedness Training Center,
- University of Hawaii (with FEMA)
- North Central Climate Science Center, University Consortium,
- Colorado State University
- Pacific Business Center Program, Shidler College of Business,
- University of Hawaii
- Pacific Resources for Education and Learning (PREL)
- Rising Voices Collaborative Science for Climate Solutions
- Rosebud Sioux Tribe
- University of Kansas

Data Mining, Monitoring & Evaluation

James Burke & Associates

Water, Food, Energy & Knowledge Systems

- AgendaGotsch
- Kiksapa LLC

Farms Advisory (Hawaii)

- Ailani Orchards, Elizabeth Jenkins Farm, Naalehu, HI
- Ben-Joseph Farm, Captain Cook, HI
- Ginger John Farm, John Caverly, Hilo, HI
- James Love Farm, HI
- Jeff & Nettie McKnight's farm, Paauilo, HI

Financial Governance

Carbonaro CPAs and Associates

ABOUT

The **100² Homegrown FoodForest** project addresses three interrelated problems: climate change, food insecurity, and vanishing indigenous knowledge. In 100 communities on 10,000 sites in the U.S., Hawaii, U.S.-affiliated islands, and internationally, in commemoration of Victory Gardens, we will develop perennial food forests that address food insecurity while providing study sites for phenological observation (study of the relationship between climate and biological phenomena) that inform climate science and adaptation strategies. Working with K-12 schools, youth groups, tribal and traditional colleges and universities, and the scientific community, our project team will develop a corps of 1,000 student-leaders and 10,000 citizen-scientists over 100 weeks of programming. Through a synthesis of ancestral knowledge, modern science, and organized phenology study, these corps will learn how to re-localize and rethink food production; reconnect with the rich diversity of biotic resources (food, medicine, materials, beauty); and promote community resilience, environmental stewardship, resource management, and relationship to place.

The 100² Homegrown FoodForest project will be replicated in international locations through the Global Breadfruit Heritage Council, a global project of the Olohana Foundation.