

SUBHASHNI RAJ, PhD

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ACADEMIC APPOINTMENTS

2022 – present Assistant Professor

Department of Urban and Regional Planning, University of Hawai‘i at Mānoa,
Honolulu, HI

2020 – 2022 Postdoctoral Scholar

Environment, Land use and Food Systems Lab, University of California, Davis
Davis, California.

Mentor: Dr. Catherine Brinkley

2011 – 2018 Research Assistant

Food Systems Planning and Healthy Communities Lab, University at Buffalo,
State University of New York

Mentor: Dr. Samina Raja

EDUCATION

2018 PhD, Urban and Regional Planning, University at Buffalo, State University of
New York

Dissertation Title: Water Wars: How can planning facilitate adaptation to water
shortages in a changing climate in Dona Ana, New Mexico?

Advising Committee: Chair: Dr. Samina Raja and Drs. David Walter Wolfe,
Ernest Sternberg, Nicholas Rajkovich

2013 Masters in Urban and Regional Planning, University at Buffalo, State University
of New York

2011 Post Graduate Diploma, Sustainable Development Practices in Public Policy,
TERI University, Delhi, India

2006 Bachelors of Science, Microbiology, Chemistry and Zoology, Bangalore
University, Bangalore, India

PUBLICATIONS

Journal Articles (1)

J 9. Brinkley, Catherine, **Subhashni Raj**, and Samina Raja. 2023. Planning for FEWsheds: The
Role of Planning in Strengthening Food, Energy and Water Systems. *Journal of Planning
Literature* , 38(1), 33–58. <https://doi.org/10.1177/08854122221093387>

J 8. Raj, Subhashni, Catherine Brinkley, John Ulimwengu. 2022. Connected and extracted: Understanding how centrality in the global wheat network affects global hunger using a network approach. *Plos One*, 17(6), e0269891. <https://doi.org/10.1371/journal.pone.0269891>

J 7. Raj, Subhashni, Sam Roodbar, Catherine Brinkley, and David Wolfe. 2022. Food Security and Climate Change: Differences in impacts and adaptation strategies for rural communities in the Global South and North. *Frontiers in Sustainable Food Systems*, 5, 264. <https://doi.org/10.3389/fsufs.2021.691191>

J 6. Brinkley, Catherine and **Subhashni Raj**. 2022. Perfusion and urban thickness: The shape of cities. *Journal of Land Use Policy*, 115, 106015.

J 5. Fuchs-Chesney, Jordana, **Subhashni Raj**, Tishtar Daruwalla, and Catherine Brinkley. 2022. Measuring a Community Food System using Network Analysis: A Case Comparison of Yolo and Sacramento County, California. *Agriculture and Human Values*, 40, 157–173. <https://doi.org/10.1007/s10460-022-10345-y>

J 4. McManamay, Ryan, Catherine Brinkley, Chris Vernon, **Subhashni Raj**, and Jennie Rice. Urban land teleconnections in the United States: A graphical network approach. *Computers, Environment and Urban Systems* 95: 101822. <https://doi.org/10.1016/j.compenvurbsys.2022.101822>

J 3. Raj, Subhashni, Samina Raja, Bree-Ana Dukes. 2017. Beneficial but Constrained: Role of Urban Agriculture Programs in Supporting Healthy Eating Among Youth. *Journal of Hunger and Environmental Nutrition*; 12(3): 1-23. doi: 10.1080/19320248.2015.1128865.

J 2. Brinkley, Catherine, **Subhashni Raj** and Megan Horst. 2017. Culturing Food Deserts: Identifying Healthy Food Access in situ. *Built Environment*; 43(3): 328-342

J 1. Horst, Megan, **Raj, Subhashni** and Brinkley, Catherine. 2016. Getting Outside the Supermarket Box: Alternative Responses to “Food Deserts” and the Pursuit of Food Sovereignty. *Progressive Planner* (207).

In Review (RR)

RR 2. Raj, Subhashni, Momoh, E, and Brinkley, C. (Revised and Resubmitted). Teaching Focused Plan Evaluation: A rapid, targeted classroom exercise for empowering community groups and fostering civic engagement beyond the classroom. *Journal of Planning Education and Research*.

RR 1. John Ulimwengu, **Subhashni Raj**, and Catherine Brinkley. (In review). A nested food-economic system model for assessing resilience to simulated shocks using a networked Input-Output approach. *Nature Food*.

In the pipeline (PL)

PL 4. Raj, Subhashni, Galarza, A, Momoh, E and Brinkley, C. (In preparation). A comprehensive evaluation of Food and Agricultural policies in California general plans. For submission to Journal of the American Planning Association.

PL 3. Raj, Subhashni. Planning for change: How do local government-planning efforts in the US plan for food and water in a changing climate? *Journal of American Planning Association*.

PL 2. Raj, Subhashni. Designing for change: Exploring institutional arrangements' adherence to Ostrom's design principles for water governance in the American Southwest? *Human Ecology*.

PL 1. Raj, Subhashni. Disjunctive water planning in Doña Ana County, New Mexico: Lessons for adaptive governance in complex hydrological systems in a changing climate. For submission to *Journal of Planning Education and Research*.

Book Chapters (BC)

BC 4. Raja, Samina, Subhashni Raj, and Carol Ramos-Gerena. 2023. "Municipal Planning Response to Urban Agriculture: Equity is Not Quite on the Table." Chapter 13 in Raja, Caton Campbell, Judelsohn, Born, and Morales (eds). *Planning for Equitable Urban Agriculture: Future Directions for a New Ethic in City-Building*. Springer.

BC 3. Raja, Samina, Raj, Subhashni, and Bartholomew Roberts. 2017. "The US Experience in Planning for Community Food Systems: An Era of Advocacy, Awareness, and (Some) Learning". In: Blay-Palmer A, Knezevic I, Levkoe C, Mount P, Nelson E, eds. *Nourishing Communities: Sustainable food system transformation through theory, practice and policy*. Cham: Springer.

BC 2. Raj, Subhashni. 2016. "Growing Food Connections". In: Phillips R, Wharton C, eds. *Growing Livelihoods: Local Food Systems and Community Well-Being*. New York: Routledge.

BC 1. Raj, Subhashni. 2011. "A Fijian Storm". In Emily Hunter (eds.) *The Next Eco Warriors: 22 Young Women and Men Who Are Saving the Planet*. San Francisco: Conari Press.

Policy Briefs (PB)

PB 3. Raj, Subhashni, Joseph E. Quinn, and Samina Raja. 2018. "Supporting the Chile Capital of the Southwest: The Role of Local Government in Sustaining Farming Traditions in Luna County, New Mexico." In *Exploring Stories of Opportunity*. Edited by Samina Raja, 13 pages. Buffalo: Growing Food Connections Project, 2018.

PB 2. Raj, Subhashni and Samina Raja. 2018. "Agrarian Values and Urban Futures: Challenges and Opportunities for Agriculture and Food Security in Doña Ana County, New Mexico." In *Exploring Stories of Opportunity*. Edited by Samina Raja, 14 pages. Buffalo: Growing Food Connections Project.

PB 1. 2016. "Growing a Local Food Economy for a Healthy Wyandotte." In Exploring Stories of Opportunity. Edited by Samina Raja, 10 pages. Buffalo: Growing Food Connections Project.

Reports (R)

R.8. Raj, Subhashni. 2023. Report and Situation Analysis of Hawai'i Foodbank and their Farm to Foodbank Programs. Hawai'i Public Health Institute.

R 7. Brinkley, Catherine.; Jordana Fuchs-Chesney, **Subhashni Raj** and Tistar Daruwalla. 2021. Sacramento Regional Community Food System Networks. in partnership with Valley Vision in preparation for the Sacramento Region Food System Action Plan 5- year update.

R 6. Manley, Marita and **Subhashni Raj.** 2018. Climate change benefit analysis (CCBA): Scoping study of its application to the Seaqaqa township development. Suva, Fiji: United National Development Program.

R 5. Raj, Subhashni. 2018. Synthesis report: impacts of urbanization and solid waste management on ecosystem-based adaptation in Fiji, Kiribati and Vanuatu. Seoul, Korea: Global Green Growth Institute.

R 4. Raja Samina, Jessica Hall, Travis Norton, Patrick Gooch, **Subhashni Raj**, Taylor Hawes and Jennifer Whittaker. 2014. Growing Together: Ensuring healthy food, strong farms, and a prosperous Buffalo Niagara. Buffalo, NY: UB Regional Institute/Urban Design Project and the Food Systems Planning and Healthy Communities Lab, University of Buffalo.

R 3. Raja, Samina, and **Subhashni Raj.** 2014. Immediate Built Environment: HHGL Scoping Paper. Geneva, Switzerland: University at Buffalo, State University of New York.

R 2. Raja, Samina, Cristina Delgado, **Subhashni Raj**, and Sylvia Kelly. 2012. Community Design and Health: Summary of Findings from Recent Research. Report to Planning for Healthy Places Program, Public Health Law & Policy. The Food Systems Planning and Healthy Communities Lab, University at Buffalo. 29p

R 1. Delgado, Christina, Christina Farrell, Patrick Gooch, Zhenting He, Kimika Hudson, Vigneshwar Kailasam, Christine Krolewicz, Seung Joon Lee, Francisca Licon, Kiersten Minnick, Silky Misra, Byron Nicholas, Paria Negahdarikia, **Subhashni Raj**, Emery Rizzo, Joseph Sievert, Jia Xie and Yuxiang Zhai. 2012. Seamless Transitions. Studio Report: University at Buffalo, Department of Urban and Regional Planning.

Limited Distribution (LD)

LD 2. Raj, Subhashni, Laboukly, Brigitte, and Moli, Shantony. 2019. Disaster, response and relationships: a gendered approach to localising disaster risk reduction in the Pacific. Humanitarian Exchange Magazine.

LD 1. Raj, Subhashni and Joe Solomon. 2012. A Note from Fiji & Vermont on the Eve of Connecting the Dots. 350.org blog and Occupy the Earth. <http://350.org/note-fiji-vermont-eve-connecting-dots/>

RESEARCH GRANTS AND CONTRACTS

Research Grants

American Association of University Women (AAUW) American Fellowship, (Amount: US\$8,000; Award Period: July 2024 – May 2025; Role: Principal Investigator; Status: Submission in November 2023)

SEED Inclusion, Diversity, Equity, Access and Success (IDEAS), “Rising seas – Raising voices”, (Amount: US\$5,000; Award Period: November 2024 – May 2025; Role: Principal Investigator; Status: Awarded US\$1,500)

National Institute on Disability, Independent Living, and Rehabilitation Research, (NIDILRR), “Understanding the Experience and Outcomes of Students with Disabilities who have 504 Plans”, (Amount: US\$2.9 million; Award Period: November 2023 – November 2028; Role: co-Principal Investigator; Status: Not funded)

Honolulu Community Recreational Gardening Program (HCRGP), “Survey of Honolulu Community Recreational Gardening Program (HCRGP) Members”, (Amount: US\$14,000; Award Period: August 2024 – August 2025; Role: Principal Investigator; Status: Awarded)

Oahu Agriculture and Conservation Association (OACA), “Climate Smart Agriculture Resource Database”, (Amount: US\$20,000; Award Period: October 2024 – August 2025; Role: Principal Investigator; Status: Pending – Awaiting ORS signoff)

USDA AFRI, “Regional Food Systems as Critical Infrastructure for Climate Change Resilience”, (Amount: US\$10 million; Award Period: October 2024 – September 2029; Role: Co-Investigator; Status: Pending)

Foundation for Food and Agriculture (FFAR) New Innovators Award, “Of land and sea: Island food and water pathways in the Anthropocene”, (Amount: US\$450,000; Letter of Intent submitted: February 22, 2023; Full proposal submitted: May 2023; Award Period: October 2023 – September 2026; Role: Principal Investigator; Status: Pending).

College of Social Sciences Spring Research Award, University of Hawai‘i at Mānoa, “Of land and sea: Islander food and water pathways in the Anthropocene”, (Amount: US \$30,000; Award Period: May 2023 – April 2024; Role: Principal Investigator; Status: Not funded).

National Science Foundation Build to Broaden Solicitation, “Food security in the Anthropocene: Design principles that create restorative community food pathways”. (Amount: US\$428,954; Award Period: August 2023 – July 2026; Submission Date: January 19, 2023; Role: Principal Investigator; Status: Not funded).

Raj

Curriculum Vitae

National Science Foundation Sustainable Regional Systems Research Networks, “Planning for Food-Energy-and Water: comparing demand footprints with supply sheds and the supply chains that connect across urban and rural landscapes”. (\$150, 000, unsuccessful). Multi-institution collaboration: UC Davis, UC SAREP, University at Buffalo, University of Texas, San Antonio, University of Missouri, Penn State and Baylor University. (Not funded)

Contracts

2023 Research Consultant (\$17, 500)

Project: O’ahu Food Bank and Gleaning Assessment

Primary Sponsor: Hawai‘i Public Health Institute (“HIPHI”)

FELLOWSHIPS

Jerome L. Kaufman doctoral fellowship in food systems planning, 2013-2017

4-year dissertation fellowship funded through USDA /NIFA AFRI

Food Systems Program NIFA Award # 2012-68004-19894.

Fulbright Scholar, 2011-2013

United States State Department - Masters Scholarship

United Nations Framework Convention on Climate Change fellowship, 2009

350.org

Participation at the 15th session of the Conference of Parties (COP15),

Copenhagen, Denmark

Study of the United States Institute on the Environment (SUSI) fellowship, 2009

United States State Department

Indian Council for Cultural Relations (ICCR) Scholarship, 2003-2006

Government of India

Funding for three years of three years of Undergraduate education in India

AWARDS

American Planning Association AICP Certification Diversity Scholarship. September 2023.

I-GUIDE Summer School, UCAR, Boulder, Colorado, August 2023.

Team project “Margins of Adaptation to Human Heat Stress: Local, National, and Global Socioeconomic Responses”, was selected for the Summer School 2023 Award in a juried competition.

Hulihia: Indigenizing Social Sciences (Cohort I). Spring 2023

Hui ‘Āina Pilipili: Native Hawaiian Initiative in the College of Social Sciences, University of Hawai‘i at Mānoa. (Selected for Cohort 1)

Raj

Curriculum Vitae

College of Social Sciences Travel Award, 2023

University of Hawai'i at Mānoa (US\$2, 000)

Best Presentation Award, 2022, "Connected and Extracted"

University of California, Davis Post-Doctoral Research Symposium

National Science Foundation Award, 2018

Boundary Spanning: Advances in Socio-Environmental Systems Research Conference, University of Maryland, Annapolis, MD. (Airfare, accommodation, and meals)

Best paper by early career scholars award, 2017

Built Environment Journal Special Issue on Planning for Equitable Urban and Regional Food Systems. (US\$1,000)

Urban and Regional Studies Dissertation grant, 2017

The IJURR Foundation Ltd, University College London, The Bartlett School of Planning, London. (£6,000)

Mark Diamond Research Fund Dissertation Research Award, 2016

University at Buffalo, State University of New York, Buffalo, NY. (US\$2,250)

Association of Collegiate Schools of Planning Student Travel Award, 2016

US\$500

PhD Student Travel Grant, 2015

Department of Urban and Regional Planning, University at Buffalo, State University of New York, Buffalo, NY. (US\$1,000)

SCIENTIFIC PRESENTATIONS (Peer reviewed)

1. **Raj, Subhashni.** Connected and Extracted: Understanding how centrality in the global wheat supply chain affects global hunger using a network approach. American Association of Geographers Conference. March 23, 2023.
2. **Raj, Subhashni.** Connected and Extracted: Understanding how centrality in the global wheat supply chain affects global hunger using a network approach. UC Davis Postdoctoral Research Symposium. March 18, 2022. [*Best Research Presentation Award*]
3. **Raj, Subhashni.** Food Security and Climate Change: Distinct Impacts on Rural Communities in the Global South and North Countries and Implications for Adaptation Efforts. Paper presented at the Focus Event - Association of Collegiate Schools of Planning 61st Annual Conference. Virtual. October 7, 2021.
4. **Raj, Subhashni.** Planning for Change: How do local government planning efforts in the US plan for food and water in a changing climate? Poster presented at the Boundary Spanning: Advances in Socio-Environmental Systems Research. Annapolis, Maryland. June 11-13, 2018. [Poster presentation]

5. **Raj, Subhashni.** Role of public institutions in managing water resources in agrarian communities in a changing climate: A case study of Dona Ana, New Mexico. Paper presented at the Association of Collegiate Schools of Planning 57th Annual Conference. Portland, OR. November 6, 2016.
6. Machnica, Elizabeth, **Subhashni Raj**, and Samina Raja. 2016a. "A Trajectory for Improved Quality of Life: Youth Engagement in Urban Agriculture in Buffalo, New York." 56th Annual Conferences of the American Collegiate Schools of Planning, Portland, OR, Nov. 5, 2016.
7. Machnica, Elizabeth, **Subhashni Raj**, and Samina Raja. 2016b. "A Trajectory for Improved Quality of Life: Youth Engagement in Urban Agriculture in Buffalo, New York." American Public Health Association National Conference 2016, Denver, CO, Nov. 1, 2016
8. **Raj, Subhashni.** Planning's legitimacy: Exploring Amartya Sen's conceptualization of freedom in affirming the role of planning as enabling freedoms. Paper presented at the Association of Collegiate Schools of Planning 56th Annual Conference. Houston, TX. October 23, 2015.
9. **Raj, Subhashni.** It's not just the food environment: lessons from a pre-post study of an urban agriculture program in Buffalo, New York. Paper presented at the Association of Collegiate Schools of Planning 55th Annual Conference. Philadelphia, PA. November 1, 2014.
10. **Raj, Subhashni**, Kailee Neuner, and Samina Raja. National Scan of Food System Policies. American Planning Association National Conference. Los Angeles, CA, April 2012.

INVITED TALKS

1. **Global Famine.** Great Decisions Speaker Series 2023 - International Institute of Buffalo. March 14, 2023. Buffalo, NY (virtual presentation)
2. **Invisible contributions: Recognizing and including the contribution of marginalized actors in disaster response.** First Pacific Resilience Meeting. University of the South Pacific. May 2nd, 2019. Suva, Fiji
3. **Impacts of urbanization and solid waste management on ecosystem-based adaptation in Fiji, Kiribati, and Vanuatu: Current status and recommended next steps.** Smart City Best Practice Workshop: "Developing Smart Cities: Experiences from Yokohama, Japan". Asian Development Bank. 24 May, 2018. Suva, Fiji.
4. **Building food systems policy and healthy communities from the ground up.** First Planning for Progress, People, and Sustainable Development in a Global Economy Conference. University of Alabama A&M. June 30th, 2017. Huntsville, Alabama.
5. **Climate change and food systems – A brief overview.** 2014 Great Decisions - Foreign Policy Association discussion series. Organized by the International Institute of Buffalo. March 10, 2014. Buffalo, NY.
6. **Climate change and food systems – A brief overview.** World On Your Plate 10th Annual Conference on Food & Sustainable Living. Daemen College. October 23, 2013. Buffalo, NY.
7. **Climate change and food systems – A brief overview.** Relay for Renewables. Sierra Club Niagara Group. Singer Farms Naturals. April 28, 2013. Appleton, NY.

GUEST LECTURES IN CLASS

1. **Food Security and Climate Change: Differences in impacts and adaptation strategies for rural communities in the Global South and North.** Planning for food systems and public health. Johns Hopkins School of Public Health. Spring 2023.
2. **Community Food Networks: Same-Same but Different.** Institute for Global Nutrition Seminar. University of California, Davis, Fall 2021.
3. **Food Security and Climate Change: Planning for an uncertain future.** NUT 219A – International Nutrition. University of California, Davis, Spring 2021.
4. **Food Security and Climate Change: Planning for an uncertain future.** SCC 433 – Practicing Sustainability. University at Buffalo, November 9, 2015.
5. **Food Security and Climate Change: Distinct impacts on rural poor in developed versus developing nations and implications for adaptation efforts.** University of Waikato, New Zealand, June 17, 2015
6. **Food Security and Climate Change: Distinct impacts on rural poor in developed versus developing nations and implications for adaptation efforts.** 2015 Office of Global Health Initiatives Seminar Series - A sustainable future: The effects of climate change on global health. Buffalo, NY. April 21, 2015.

WORKSHOPS AND CONFERENCE SESSIONS ORGANIZED

1. **Panelist.** Disaster Preparedness & Food System Resilience in Hawaii. The Hawai‘i Institute for Sustainable Community Food Systems at University of Hawai‘i – West O‘ahu, Honolulu Civil Beat, UH Better Tomorrow Speaker Series, and Waiwai Collective, January 27, 2023. <https://youtu.be/fK9pUOoySkY>
2. **Co-organizer and Panelist.** Building resilient food systems. World Town Planning Day. University of Hawai‘i at Mānoa , November 10, 2022.
3. **Panelist.** Nurturing Urban Agriculture policy research(ers). Growing Research from the Ground Up Series. University at Buffalo, State University of New York - Virtual, August, 2021.
4. **Panelist.** Setting an Agenda for Food Systems Planning Research: Key Issues, Methodologies, and Opportunities for the Next 20 Years. Association of Collegiate Schools of Planning 60th Annual Conference. Virtual, 2020.
5. **Workshop Co-Convener and trainer.** Gender in Humanitarian Action Training of Trainers for Save the Children Fund Fiji. UN Women, Peninsula Hotel, Suva, Fiji, July 24-26, 2019.
6. **Workshop Co-Convener and trainer.** Gender in Humanitarian Action Training of Trainers for the Pacific Humanitarian Protection Cluster. UN Women, Grand Pacific Hotel, Suva, Fiji, December 3-7, 2018.
7. **Workshop Co-Convener and trainer.** Gender in Humanitarian Action Training of Trainers for the Solomon Islands National Safety and Protection Cluster. UN Women, Heritage Hotel, Honiara, Solomon Islands, September 17-20, 2018.
8. **Presenter and facilitator.** Food Systems Policy Training Workshop (Western New York Land Conservancy). Food Systems Planning and Healthy Communities Lab, University at Buffalo, June 11, 2016.

9. **Presenter and facilitator.** Food Systems Policy Training Workshop (for Buffalo and Erie County Food Policy Council). Food Systems Planning and Healthy Communities Lab, University at Buffalo, June 10, 2016.
10. **Panel organizer and moderator.** Culturing Established Food Systems in a 'Food Desert'. Association of Collegiate Schools of Planning 56th Annual Conference. Houston, TX, 2015.
11. **Workshop Co-Convener.** Workshop on Future of Food systems planning: A Facilitated Conversation on Teaching, Research, and Practice. Association of Collegiate Schools of Planning 55th Annual Conference. Philadelphia, PA, 2014.
12. **Facilitator;** workshop faculty included Samina Raja, Susannah Barton, Jessica Hall, Patrick Gooch, and Jeanne Leccese. Food Systems Planning Workshop. 2.5 hour training. 2nd Food Policy Summit. University at Buffalo. Buffalo, New York. October 23, 2013.

TEACHING

2022 – Department of Urban and Regional Planning, University of Hawai‘i at Mānoa
PLAN 625 Climate change, energy, and food in Asia-Pacific cities (Fall 2022; Fall 2023)
PLAN 616 Community Based Planning (Spring 2023)
PLAN 310 Introduction to Planning (Spring 2023)
PLAN 645 Land Use Planning (Fall 2023)

2022 – 2023 East West Center
 YSEALI – Building resilient food systems

2018-2019 UN Women Pacific
 Solomon Islands - Gender in Humanitarian Action Training (August 2018)
 Fiji - Gender in Humanitarian Action Training (May 2018)
 Save the Children Fiji - Gender in Humanitarian Action Training (August 2018)

2017 Department of Urban and Regional Planning, University at Buffalo (Spring 2017)
URP 604 Food Systems Planning

RESEARCH SUPERVISION AND MENTORING

Graduate Students

Masters in Urban and Regional Planning, Capstone Committee, DURP, University of Hawai‘i at Mānoa [* = chair]

*Adam Strubeck in progress. Expected 2024. (“A Biocultural View of Food Systems Planning through Community Gardens”).

*Alexander Narrajos in progress. Expected 2024. (“A cross-sector investigation of the relationships built during the COVID-19 pandemic and how they have affected the overall food system in Hawai‘i.”)

Isabella Roberson. Expected 2024. (Water resources and indigenous planning).

Conrad Newfield. Expected Fall 2023. (Capturing Beach Loss: The Effect of Coastal Erosion on Residential Housing Markets in Hawai‘i.)

Jakob Thelle. Spring 2023. (“Breaking Down the Barriers to a One Water Approach in Los Angeles, California - A Plan Evaluation”).

Doctorate in Urban and Regional Planning, Dissertation Committee, DURP, University of Hawai‘i at Mānoa

Kammie Dominique Tavares. In progress. (“Indigenous planning and coastal protections”)

Tanya Dreizin. In progress. (“Managed retreat and sea level rise in coastal communities”)

Graduate Student Mentor, University of California, Davis

Emmanuel Momoh, PhD Candidate, Geography Graduate Group, University of California, Davis. 2021-present.

Adriana Galarza. Spring 2023. MS Environmental Policy and Management, University of California, Davis.

PROFESSIONAL LEADERSHIP and SERVICE

Global

2022 – INFAS research group member, leading special issue proposal to JAPA with focus on food systems and climate change.

2023 – American Association of Geographers (AAG) JEDI Committee member

2023 – University of Hawai‘i Food Systems working group member

2023 – NSF Engines Development Award 2305455: Advancing Climate Resilient Food Innovations (HI, USAPI) - University of Hawai‘i at Mānoa team member.

Reviewer

Journal of Agriculture and Human Values

Journal of Planning Education and Research

Journal of Planning Literature.

Department

2022 Panelist and Co-organizer “World Town Planning Day 2022: Planning and Building Resilient Food Systems in a Changing Climate” Department of Urban and Regional Planning, University of Hawai‘i at Mānoa.

2022 Community College recruitment presentation

2023 - Curriculum Committee, Department of Urban and Regional Planning, University of Hawai‘i at Mānoa

2023 - Recruitment Committee, Department of Urban and Regional Planning, University of Hawai‘i at Mānoa

2023 - Awards Committee, Department of Urban and Regional Planning, University of Hawai‘i at Mānoa

2023 Hosted Dr. Diana Reckien, Associate Professor Climate Change and Urban Inequality, University of Twente, the Netherlands; Coordinating Lead Author WGII Ch.17: Decision-making options for managing risks

2023 Organized and facilitated session with doctoral students in DURP and Dr. Diana Reckien.

Raj

Curriculum Vitae

Community

2023 – Member, local committee for AAG 2024 national conference.

2022 – Transforming Hawaii’s food system together.

<https://www.hawaii.edu/news/2022/10/19/uh-partners-food-system-planning/>

2023 Organized and facilitated “A Talk with Dr. Diana Reckien and the City and County’s Office of Climate Change, Sustainability, and Resilience” [40 people attended in person and over a 100 people online]

2023 **Panelist.** Disaster Preparedness & Food System Resilience in Hawaii. The Hawai‘i Institute for Sustainable Community Food Systems at University of Hawai‘i – West O‘ahu, Honolulu Civil Beat, UH Better Tomorrow Speaker Series, and Waiwai Collective, January 27, 2023. <https://youtu.be/fK9pUOoySkY> [About a 100 people in attendance and another 300 registered to listen virtually].

Memberships

American Planning Association

American Association of Geographers

Association of Collegiate Schools of Planning

PROFESSIONAL AND CONSULTING EXPERIENCE

Gender and Humanitarian Analyst, June 2018 – 2019

UN Women Pacific Regional Office, Suva, Fiji

Led UN Women Pacific’s Humanitarian and DRR Unit overseeing the development of a novel gender responsive disaster risk reduction and resilience programming and supporting the Pacific region to prepare for and effectively respond to disasters.

Urban Ecosystem Based Adaptation Specialist Consultant, Jan – May 2018

Global Green Growth Institute, Seoul, South Korea

Research focus: Assess recent initiatives to support urban Ecosystem based Adaptation (EbA) in the Pacific, including analysis of the principal causes of ecosystem degradation in urban and peri-urban areas, and specifically solid waste management (SWM) with a focus on Fiji, Kiribati and Vanuatu.

Design Consultant Regional Pacific Nationally Determined Contributions (NDC) Hub, Jan – March 2018

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Suva, Fiji

Research focus: Development of the technical concept and proposed institutional arrangements for the proposed Pacific NDC Hub

Climate Cost Benefit Analysis Consultant, May – June 2018

United Nations Development Programme (UNDP), Suva, Fiji

Research focus: Pilot study of a municipality in the Northern Division of Fiji to develop a methodology for costing the benefits of climate resilient development versus normative development practices and providing recommendations to the Ministry of Town and Country Planning.

Raj

Curriculum Vitae

Gender in Agriculture Toolkit Development Consultant, May – June 2018

Technical Center for Agricultural and Rural Cooperation, Wageningen, Netherlands

Research focus: Supported the development of the Gender Framework and Toolkit for Mainstreaming Gender and Women's Empowerment in Value Chain Development.

Adviser, May – Aug 2012

Permanent Mission of Fiji to the United Nations, New York, NY

I provided technical support to the mission in the lead up to the UNFCCC negotiations on climate mitigation and adaptation.

Project Technical Expert, June 2009 – August 2011

Pacific Community, SPC, Suva, Fiji

I provided technical assistance to 14 pacific island countries in the development of national water governance mechanisms.

Project Coordinator, Feb 2007 – April 2009

University of the South Pacific, Suva, Fiji

I coordinated and managed the course delivery of the Integrated Water Resources Management program designed by the United Nations University.