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www.PacificRISA.org | www.PIRCA.org

#### **APPOINTMENTS**

Research Professor 2021 – present

Arizona State University Global Institute of Sustainability and Innovation, Honolulu, HI.

- Serve as Co-Lead Principal Investigator of the Pacific RISA Phase IV
- Contribute to GFL and GIOSI priorities including development of a proposed climate solutions services initiative

### **City Commissioner** (appointed)

2018 – present

City & County of Honolulu Climate Change Commission

- Elected Vice-Chair, July 2022 June 2023
- Elected Chair, July 2020 June 2021
- Gather the latest science and data on projected climate impacts to the City & County of Honolulu and translate it into actionable information;
- Hold public meetings approximately monthly according to the Hawai'i Sunshine Law and solicit feedback from city departments;
- Provide requested climate information and guidance to City sub-committees and groups;
- Advise the City Office of Climate Change, Sustainability, & Resiliency, the Mayor, the City Council, and the executive departments.

### Senior Research Fellow

2011 – present

Environment Program, East-West Center

- Conduct policy relevant interdisciplinary and Pacific Islands focused climate adaptation research, secure independent research grant funding and manage a team of five researchers and staff;
- Represent the East-West Center in regional and international briefings for various organizations such as U.S. Indo-Pacific Command, Asian Development Bank, and the United Nations, in sectors such as water resources and drought, climate change in Pacific Islands, wildlife conservation, and environmental security;
- Lead Investigator of the NOAA Pacific Regional Integrated Sciences & Assessments
  (Pacific RISA) research program (2013-2021), an interdisciplinary research team
  working in Hawai'i and the US-Affiliated Pacific Islands with diverse stakeholders to
  translate climate science into natural resource management, better understand
  risks, and inform policy.

#### **Affiliate Graduate Faculty**

2013 – present

University of Hawai'i at Mānoa: Department of Geology and Geophysics & the Water Resources Research Center (WRRC)

- Serve on graduate committees as appropriate, review grant proposals, guest lecture in classes, and participate in seminar series.

#### **Affiliate Graduate Faculty**

2021 – present

University of Hawai'i at Mānoa: Department of Urban and Regional Planning

 Serve on graduate committees as appropriate, review grant proposals, guest lecture in classes

#### **Post-Doctoral Researcher**

2010 - 2011

Department of Biological and Agricultural Engineering, University of Florida

- Serve as link between the University of Florida Southeast Climate Consortium (SECC) and the Florida Water & Climate Alliance;
- Analyze and use downscaled climate projections for water resources planning.

#### **EDUCATION**

PhD	Agricultural & Biological Engineering, University of Florida	2010	
	Dissertation: Hydro-Climatic Influences of El-Niño/Southern Oscillation on		
	Nutrient Loads in the Southeast United States		
	Earth & Environmental Engineering, Columbia University	2006	
	Visiting PhD Graduate Scholar	2000	
	Emphasis: Regional climate data analysis		
BSc	Bioengineering, Rice University	2002	

#### **PUBLICATIONS**

- [Keener, V., Islam, M., Alegado, R., Coffman, M., Fletcher, C.] City and County of Honolulu Climate Change Commission, (Adopted: July 29, 2022). Reducing greenhouse gas emissions from building operations guidance.
- **Keener, V.W.,** Grecni, Z.N., and Moser, S.C. (2022). Accelerating climate change adaptive capacity through regional sustained assessment and evaluation in Hawai'i and the U.S. Affiliated Pacific Islands. Frontiers in Climate. 4:869760. https://doi.org/10.3389/fclim.2022.869760
- Marra, J.J., Gooley, G., Johnson, M-V, **Keener, V**., Kruk, M.K., McGree, S., Potemra, J.T., and Warrick, O., 2021. *Pacific Climate Change Monitor: 2021*. Pacific Islands Regional Climate Centre Network (PI-RCC) Report to the Pacific Islands Climate Service (PICS) Panel and Pacific Meteorological Council (PMC). April 18, 2022.
- Oji, R., Hesam, M., **Keener, V.** (2022) *Using social network analysis to assess climate change professionals' communications in Iran*. Weather, Climate & Society. https://doi.org/10.1175/WCAS-D-21-0002.1
- Frazier, A.G., Giardina, C.P., Giambelluca, T., Brewington, L., Chen, Y-L., Helweg, D., **Keener, V.**, Longman, R., Lucas, M., Mair, A., Reyes, J., Yelenik, S.G., & Trauernict, C. (*In review, 2021*). A century of spatial and temporal patterns of drought in Hawai'i across hydrological, ecological, and socioeconomic scales. *Water Resources Research*.
- Stewart-Ibarra, A.M., Hewitt, C., Winarto, Y.T., Walker, S., **Keener, V.W**., Bayala, J., Christel, I., Bloomfield, H., Halsnæs, K., Jacob, D., Brasseur, G.P., Haigh, T., van den Hurk, B., 2021. *Resilience through climate services*. One Earth. 4(8): 1050-1054. https://doi.org/10.1016/j.oneear.2021.08.002
- [Coffman, M., **Keener, V**. Alegado, R., Fletcher, C., Mehnert, B.] City and County of Honolulu Climate Change Commission, (Adopted: May 17, 2021). Social Cost of Carbon

Guidance.

- **Keener, V.**, Grecni, Z., Shuler, C., Anderson Tagarino, K., Miles, W., 2021: *Climate Change in American Samoa: Indicators and Considerations for Key Sectors.* Report for the Pacific Islands Regional Climate Assessment. Honolulu, HI: East-West Center. https://eastwestcenter.org/PIRCA-AmericanSamoa, doi: 10.5281/zenodo.4663397
- Grecni, Z., Miles, W., Greene, R., Derrington, E., **Keener, V.** 2021: Climate Change in the Commonwealth of the Northern Marianas Islands: Indicators and Considerations for Key Sectors. Report for the Pacific Islands Regional Climate Assessment. Honolulu, HI: East-West Center, https://eastwestcenter.org/PIRCA-CNMI, doi: 10.5281/zenodo.4426942.
- [Keener, V. Alegado, R., Coffman, M., Fletcher, C., Mehnert, B.] City and County of Honolulu Climate Change Commission, (Adopted: December 8, 2020). Climate Change and Social Equity Guidance. https://static1.squarespace.com/static/5e3885654a153a6ef84e6c9c/t/5feb95d232da5052ae2fb8da/1609274837864/Climat e Change Social Equity Guidance Document FINAL.pdf
- Grecni, Z., Miles, W., King, R., Frazier, A., and **Keener, V**. 2020: *Climate Change in Guam: Indicators and Considerations for Key Sectors*. Report for the Pacific Islands Regional Climate Assessment. Honolulu, HI: East-West Center,
  https://eastwestcenter.org/PIRCA-Guam, doi: 10.58281/zenodo.4037481
- Miles, W., Grecni, Z., Matsutaro, P., Colin, P., **Keener, V.** and Golbuu, Y. 2020: *Climate Change in Palau: Indicators and Considerations for Key Sectors*. Report for the Pacific Islands Regional Climate Assessment. Honolulu, HI: East-West Center, https://eastwestcenter.org/PIRCA-Palau, doi: 10.5281/zenodo.4124259.
- [Coffman, M., **Keener**, **V**., Alegado, R., Fletcher, C., Mehnert, B.] City and County of Honolulu Climate Change Commission, (Adopted: July 14, 2020). Climate Change and Financial Risk Guidance. https://static1.squarespace.com/static/
  5e3885654a153a6ef84e6c9c/t/5f3436a7779f0079da854e00/1597257386586/CLIMA TE+CHANGE+AND+FINANCIAL+RISK 7-20 FINAL.PDF
- [Fletcher, C., Alegado, R., Coffman, M., **Keener, V**., Mehnert, B.] City and County of Honolulu Climate Change Commission, (Adopted: December 23, 2019). Shoreline Setback Guidance. https://resilientoahu.org/s/ROH-23-Shoreline-Setback-Guidance.pdf
- Brewington, L.; **Keener, V**.; Mair, A. (2019) *Simulating Land Cover Change Impacts on Groundwater Recharge under Selected Climate Projections, Maui, Hawai'i*. Remote Sens. 11, 3048. https://doi.org/10.3390/rs11243048.
- Gingerich, S.B., Johnson, A.G., Rosa, S.N., Marineau, M.D., Wright, S.A., Hay, L.E., Widlansky, M.J., Jenson, J.W., Wong, C.I., Banner, J.L., **Keener, V.W.,** and Finucane, M.L. (2019). Water resources on Guam—Potential impacts of and adaptive response to climate change. U.S. Geological Survey Scientific Investigations Report 2019–5095, 55 p., https://doi.org/10.3133/sir20195095.
- **Keener, V.W.,** Gingerich, S.B., and Finucane, M.L. (2019a). *Guam's water resources*. Honolulu, Hawai'i, East-West Center. https://www.pacificrisa.org/wp-content/uploads/2019/10/Pacific-RISA-Guam-water-resources-handout\_Sept-2019.pdf
- **Keener, V.W.,** Gingerich, S.B., and Finucane, M.L. (2019b). *Freshwater availability in Guam with projected changes in climate*. Honolulu, Hawai'i, East-West Center.

- https://www.pacificrisa.org/wp-content/uploads/2019/10/Pacific-RISA-Guam-climate-summary Sept-2019.pdf
- Frazier, A.G. [Editor], Deenik J.L., Fujii N.D., Funderburk G.R., Giambelluca T.W., Giardina C.P., Helweg D.A., **Keener V.W.**, Mair A., Marra J.J., McDaniel S., Ohye L.N., Oki D.S., Parsons E.W., Strauch A.M., and Trauernicht C. (2019). Managing Effects of Drought in Hawai'i and U.S.-Affiliated Pacific Islands. In: Vose, J.M.; Peterson D.L.; Luce C.H.; Patel-Weynand T., eds. Effects of Drought on Forests and Rangelands in the United States: Translating Science into Management Responses. Gen. Tech. Rep. WO-98. Washington, DC: U.S. Department of Agriculture Forest Service, Washington Office. 95-121. Chapter 5. https://www.fs.usda.gov/treesearch/pubs/59164
- Keener, V.W., Helweg, D.A., Asam, S., Balwani, S., Burkett, M., Fletcher, C., Giambelluca, T., Grecni, Z., Nobrega-Olivera, M., Polovina, J., Tribble, G. (2018). Ch. 27: Hawai'i and U.S. Affiliated Pacific Islands: The Fourth National Climate Assessment. U.S. Global Change Research Program, Washington, DC. https://nca2018.globalchange.gov/chapter/hawaii-pacific/
- [Fletcher, C., Coffman, M., Alegado, R., **Keener, V.**, Mehnert, B.] City and County of Honolulu Climate Change Commission, (Adopted: June 2018). *Sea Level Rise Guidance*.

  Resilient Oahu, https://www.resilientoahu.org/s/Sea-Level-Rise-Guidance-483k.pdf
- [Fletcher, C., **Keener, V.,** Coffman, M., Alegado, R., Mehnert, B.] City and County of Honolulu Climate Change Commission, (Adopted: June 2018). *Climate Change Brief.* Resilient Oahu, https://bit.ly/2UpiDm5
- Helweg, D.A. & Keener, V.W. (2017). Applications of Climate Downscaling in the Main Hawaiian Islands: Balancing Climate Modelers' Products and Impact Modelers' Expectations. Report on a Workshop held April 11-12, 2017. East-West Center, Honolulu, HI. https://doi.org/10.21429/C9CW4R
- Brewington, L., **Keener, V.W.**., Finucane, M., & Eaton, P. (2017). *Participatory Scenario Planning for Climate Change Adaptation Using Remote Sensing and GIS*. In S. Walsh (Ed), Remote Sensing for Societal Benefits. Amsterdam: Elsevier.
- Hawai'i Climate Change and Health Working Group (2016). Report to the 28<sup>th</sup> Legislature, State of Hawai'i: 2016 Preliminary Report and Recommendations from the Hawai'i Climate Change & Health Working Groups. Access at: http://www.hawaiipublichealth.org/resources/HCR108% 20SLH2015%20Climate%20Change%20and%20Health%20Working%20Group%20122715.pdf
- Helweg, D.A., **Keener, V.W.**, & Burgett, J.M. (2016). *Climate downscaling and its application in high Hawaiian Islands*. September 16–17, 2015: U.S. Geological Survey Open-File Report 2016–1102, 25 p., https://www.sciencebase.gov/catalog/item/59a84436e4b0421949a84200
- Ferguson, D.B., Finucane, M.L., **Keener, V.W**., Owen, G. (2016). *Evaluation to Advance Science Policy: Lessons from Pacific RISA and CLIMAS*. In Garfin, G. & Parris, A. Climate in Context. West Sussex, England: Wiley.
- Annamalai, H., **Keener, V.W**., Widlansky, M.J., Hafner, J. (2015) *El Niño Strengthens in the Pacific: Preparing for the Impacts of Drought*. AsiaPacific Issues, No. 122, December 2015.
- Corlew, L.K., Keener V.W., Finucane, M.L., Brewington, L., Nunn, R. (2015) Using Social

- Network Analysis to Assess Communications and Develop Networking Tools Among Climate Change Professionals Across the Pacific Islands Region. Psychosocial Intervention, 24, pp 133-146.
- Finucane, M.L, **Keener, V.W**. (2015). *Understanding the climate sensitive decisions and information needs of island communities*. Journal of the Indian Ocean Region, DOI: 10.1080/19480881.2015.1021181
- Finucane, M.L., Miller, R., Corlew, K., **Keener, V.W**., Burkett, M., Grecni, Z. (2013). *Understanding the climate-sensitive decisions and information needs of fresh water resource managers in Hawai'*i. Climate, Weather and Society, 5(4): 293-308.
- Keener, V.W., K. Hamilton, S.K. Izuka, K.E. Kunkel, L.E. Stevens, L. Sun. (2013) Regional Climate Trends and Scenarios for the U.S. National Climate Assessment: Part 8.

  Climate of the Pacific Islands. NOAA Technical Report, NESDIS, 142-8, Washington, DC.
- Keener, V.W., S.K. Izuka, & Anthony, S. (2012). Freshwater and Drought on Pacific Islands. In: V.W. Keener, Marra, J. J., Finucane, M. L., Spooner, D., & Smith, M. H. (Eds.), Climate Change and Pacific Islands: Indicators and Impacts. Report for the 2012 Pacific Islands Regional Climate Assessment (PIRCA). Washington, DC: Island Press.
- **Keener**, **V.W.**, Marra, J. J., Finucane, M. L., Spooner, D., & Smith, M. H. (Eds.). (2012). *Climate Change and Pacific Islands: Indicators and Impacts*. Report for The 2012 Pacific Islands Regional Climate Assessment. Washington, DC: Island Press.
- **Keener, V.W.,** G.W. Feyereisen, U. Lall, J.W. Jones, D.D. Bosch, R. Lowrance. (2010). *El-Niño/Southern Oscillation (ENSO) influences on monthly NO₃ load and concentration, stream flow and precipitation in the Little River Watershed, Tifton, GA*. J. Hydrology. 381: 352–363.
- **Keener, V.W.** (2010). *Hydro-Climatic Influences of El-Niño/Southern Oscillation on Nutrient Loads in the Southeast United States*. PhD Dissertation, Department of Agricultural and Biological Engineering, University of Florida.
- **Keener**, **V.W.**, K.T. Ingram, B. Jacobson, J.W. Jones. (2007). *Effects of El Niño/Southern Oscillation on simulated phosphorus loading in south Florida*. Tr. ASABE. 50(6): 2081-89.

### **ACADEMIC GRANTS**

Dates of award	Title	Amount and Award Number
2021 – 2026	Co-Lead Investigator (ASU), NOAA Regional Integrated Sciences and Assessments Program (RISA), "The Pacific RISA Phase IV: Building equitable and just climate solutions for Pacific Island resilience to compounding disasters and extreme events"	\$7,010,696 NA21OAR4310308
2022 – 2024	Co-Investigator, University of Hawaii at Manoa Sea Grant. "Economic impacts of severe weather events"	\$170,000
2022 – 2027	Co-Investigator, UNEP Green Climate Fund (GCF), "Enhancing Climate Information and Knowledge Services for Resilience in 5 Island Countries of the Pacific Ocean"	\$1,818,141
2021	Co-Investigator, AARP Community Challenge, " 'Alana Ke Alana in partnership with The ARTS at Marks Garage"	\$6,500
2020 – 2022	Co-Lead Investigator, NOAA Regional Integrated Sciences and	\$700,000

	Assessments Program (RISA). "Pacific RISA: Building International Adaptation and Resilience to a Changing Climate in the Pacific Islands"	NA200AR4310146A
2020 – 2022	Lead Investigator, State Department, Bureau of Oceans and International and Scientific Affairs, "Foreign Assistance for Pacific Islands"	\$529,000 NA20OAR4310146A
2018 –2021	Co-Investigator, NOAA International Research and Applications Project (IRAP). "Climate, Health, and Human Migration in the Pacific Islands"	\$477,079 NOAA 2018- 2005445
2015 – 2021	Lead Investigator, NOAA Regional Integrated Sciences and Assessments Program (RISA). "The Pacific RISA: Supporting Integrated Decision Making Under Climatic Variability and Change in Hawai'i and the US-Affiliated Pacific Islands"	\$4,069,800 NA15OAR4310146
2017	Lead Investigator, DOI Pacific Islands Climate Adaptation Science Center (PI-CASC). "Pacific Islands Regional Climate Assessment Sustained Assessment Specialist"	\$79,463
2016	Co-Investigator, DOI Pacific Islands Climate Adaptation Science Center (PI-CASC). "Analyzing Correlations and Effects of Human Migration of Marshallese Islanders"	\$267,720
2015	Co-Investigator, Water Resources Foundation. "Impacts of Climate Change on Honolulu Board of Water Supply and Planning Strategies for Mitigation"	\$25,686 WRF 4637
2015	Lead Investigator, DOI Pacific Islands Climate Adaptation Science Center (PI-CASC). "The Pacific Islands Regional Climate Assessment Sustained Assessment Specialist"	\$96,990 G15AC00509
2013	Co-Investigator, Department of Defense Strategic Environmental Research Development Program (SERDP). "Water Resources on Guam: Potential Impacts and Adaptive Response to Climate Change for Department of Defense Installations"	\$2,279,191 RC-2340
2012	Lead Investigator, NOAA Climate Program Office. "Mapping the Flow of Climate and Water Resource Information in the Pacific Islands"	\$150,785 NOAA-OAR-CPO- 2012-2003304
2012	Lead Investigator, USGS. "The Pacific Islands Regional Climate Assessment Forum"	\$25,000 G12AS20008

### **SELECTED NON-REFEREED PUBLICATIONS & COMMUNICATIONS**

**Keener, V.W.** "Climate Change: Redraw policies to adapt" Star Advertiser Editorial, Sunday, December 2, 2018. https://www.staradvertiser.com/2018/12/02/editorial/insight/climate-change-redraw-policies-to- adapt-2/

**Keener, V.W.**, Finucane, M.L., Brewington, L. (2011-2016). "Climate Matters" Video documoments, available online at *http://www.pacificrisa.org/education-outreach/documoments*.

- Climate Matters for Pacific Island Ecosystems
- Climate Matters for Island Environments
- Climate Matters for Waikiki Beach
- Climate Matters for Ranchers in Hawai'i
- Climate Matters for Pacific Island Decision Makers

**Keener, V.W.**, Gingerich, S.B., Finucane, M.L. April, 2015. Climate Trends and Projections for Guam. East-West Center information sheet, Honolulu, HI.

Pacific Islands Regional Climate Assessment (PIRCA), Pacific Islands Climate Science Center (PICSC) and Pacific RISA. (2016). Expert Consensus on Downscaled Climate Projections for the Main Hawaiian Islands. PIRCA Information Sheet, Honolulu, HI. http://bit.lv/2yoY0II.

**Science Writer** for: *The Where, the Why and the How: 75 Artists Illustrate Wondrous Mysteries Of Science* (2012). Editors, M. Lamothe, J. Rothman, J. Volvoski. Chronicle Books, San Francisco, California.

#### **SELECTED TECHNICAL AND PUBLIC PRESENTATIONS**

- **V.W. Keener**. Invited Panel Presentation for the Resilient America Project. "Motivating Local Action to Mitigate Climate Threats and Build Resilience: Climate and data science for hazard mitigation at the local level", The National Academies of Sciences, Engineering, and Medicine, *virtual only*. May 25, 2021.
- Horton, R., **Keener, V**., Kornhuber, K., Lesk, C., and Walsh, J.: Aligning compound extreme events as defined from climate science and sectoral impact perspectives, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-15761, https://doi.org/10.5194/egusphere-egu21-15761, 2021.
- **V.W. Keener.** *Invited Webinar.* The role of science boundary organizations in informing regional decision making and policy. University of Maryland Global Climate Crisis: Seeking Solutions Conference, *virtual only.* April 14th, 2020
- **V.W. Keener.** *Invited Lecture.* Climate Impacts & Environmental Security in Hawai'i and the US-Affiliated Pacific Islands. Wilson Center for Public Policy Environment and Security in the Pacific Islands Meeting. Washington, D.C. November 13, 2019.
- **V.W. Keener.** *Invited Webinar.* Climate Impacts on Tourism & Recreation in the 4th National Climate Assessment. NOAA One Seminar Series. August 13, 2019.
- V.W. Keener. *Invited Lecture*. Hawai'i in the 4th US National Climate Assessment: Impacts on Kauai & Policy Responses. Kauai Leadership talk at the Pacific Missile Facility (PRMF), Kauai, HI. March 8, 2019.
- V.W. Keener. *Invited Lecture*. "Projected Climate Impacts in Hawai'i and the US-Affiliated Islands". Presentation at the First Annual Hawai'i State Climate Change Conference, Honolulu, HI. January 14, 2019.
- V.W. Keener. Invited Lecture. "Emphasis on regional risks increases relevance for local decision makers" U24A: Highlights from the Fourth National Climate Assessment: Impacts, Risks, and Adaptation in the United States. Presentation and panel discussion at the Fall Meeting of the American Geophysical Union (AGU), Washington, DC. December 11, 2018
- V.W. Keener & Jaspers, K. "Perceptions and Use of Downscaled Climate Data by Climate Modelers and Resource Managers in Hawai'i" in Session PA33D: Toward More Effective Decision Maker- Scientist Engagement I. Presentation at the Fall Meeting of the American Geophysical Union (AGU). December 14, 2016.
- V.W. Keener. *Invited Lecture*. The Pacific RISA: Co-Production of Climate Research for Resource Management in Hawai'i and the Pacific Islands. University of Washington at Pullman, Center for Environmental Research, Education, and Outreach (CEREO), March 3, 2015.

	VICTORIA W. REENER, I II.D.
2022	Elected Vice-Chair of the Honolulu Climate Change Commission
2021	Appointed Chapter Author for the Hawai'i and Pacific Islands regional chapter of the Fifth U.S. National Climate Assessment, U.S. Global Change Research Program
	Appointed to the INDOPACOM Climate Change Impact Focus Group
	Appointed to the National Marine Sanctuary of American Samoa (NMSAS) Climate Change Working Group
	Appointed to Advisory Group: University of Hawai'i Sea Grant Extension
	Appointed as Affiliate Graduate Faculty: University of Hawai'i Department of Urban and Regional Planning
2020	Elected Chair of the Honolulu Climate Change Commission
	IPCC Working Group II Reviewer for "Chapter 12: Climate Change Information for Regional Impact and for Risk Assessment": The 6 <sup>th</sup> Intergovernmental Panel on Climate Change (IPCC) report
2018	<ul> <li>Appointed to the City &amp; County of Honolulu Climate Change Commission</li> <li>Gather the latest science and data on projected climate impacts to the City &amp; County of Honolulu, and translate it into actionable information;</li> <li>Provide requested climate information and impacts to City sub-committees and groups;</li> </ul>
	<ul> <li>Advise the City Office of Climate Change, Sustainability, &amp; Resiliency, the Mayor, the City Council, and the executive departments.</li> <li>Appointed Commission Chair (2020)</li> </ul>
2016	<ul> <li>Appointed Lead Author for the Hawai'i and Pacific Islands regional chapter of the Fourth U.S. National Climate Assessment, U.S. Global Change Research Program</li> <li>Select and coordinate an 11-author team;</li> <li>Write and edit the regional chapter for the NCA4;</li> <li>Meet all federal deadlines, respond to all review comments, create new figures, serve as liaison between the regional author team and the USGCRP NCA Office.</li> </ul>
2016- present	Pacific Risk Management Ohana (PRiMO) – Senior Advisor
2013	Appointed as Affiliate Faculty, University of Hawai'i at Manoa, Water Resources Research Center and Department of Geology and Geophysics
2013-2016	Pacific Risk Management Ohana (PRiMO) – Navigator's Councilmember
2013	IPCC Working Group II Reviewer for "Islands" and "Australoasia" regional chapters: The 5 <sup>th</sup> Intergovernmental Panel on Climate Change (IPCC) report
2012	Appointed Lead Author for the 2012 Pacific Islands Regional Climate Assessment (PIRCA), the technical input for the 2014 U.S. National Climate Assessment
2011	Honorable Mention in the Universities Council on Water Resources National Ph.D. Dissertation Award competition in the category of 'Natural Sciences and Engineering'. http://www.ucowr.org/Awards/2011_UCOWR_Award_ Winners_files/2011_UCOWR_Award_ Winners.pdf

### ongoing

**Reviewer for:** AGU Perspectives, Water, Climatic Change, Bulletin of the American Meteorological Society, Asia Pacific Perspectives, Journal of Climate Risk Management, Earth Sciences Research Journal, Elsevier Publishing, Journal of Environmental Management, Frontiers in Ecology and the Environment, Weather, Climate and Society, Transactions of the American Society of Agricultural & Biological Engineering.