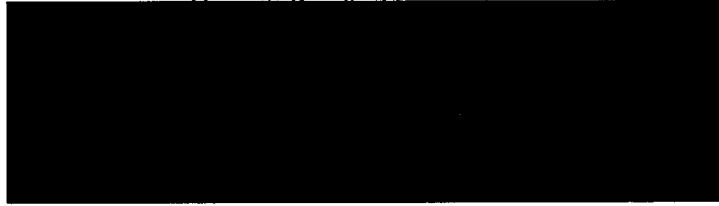


REGINA OSTERGAARD-KLEM



**EDUCATION**

**Ph.D., Systems Analysis and Economics for Public Decision Making, 1997**

The Johns Hopkins University, Baltimore, MD

Department of Geography and Environmental Engineering

Dissertation: "*Decision Making at the Voivodship Environmental Fund in Lodz, Poland: Assessing Comparative Risks*"

Advisor: Dr. John J. Boland

**M.S. Engr., Systems Analysis and Economics for Public Decision Making, 1993**

The Johns Hopkins University, Baltimore, MD

Department of Geography and Environmental Engineering

**B.S., Industrial Engineering, 1988**

Lehigh University, Bethlehem, PA

**HONORS**

**Hawai'i Pacific University Trustees' Award for Excellence in Teaching**

2015 Teacher of the Year

**Science and Diplomacy Fellow, 1997 to 1999**

American Association for the Advancement of Science (AAAS)

Washington, DC

**Fulbright Fellow, 1994 to 1995**

Department of Urban Economics, University of Lodz, Poland

**PROFESSIONAL EXPERIENCE**

**Associate Professor of Environmental Science, 2012 to present**

College of Natural and Computational Sciences (CNCS)

Hawai'i Pacific University, Kaneohe, HI

Faculty in the undergraduate BS Environmental Science/BA Environmental Studies (ENVS) program and the MA in Sustainability (SUST) program at HPU.

**Visiting Associate Professor, 2010 to 2012**  
College of Natural and Computational Sciences  
Hawai'i Pacific University, Kaneohe, HI

**Adjunct Instructor, 2008 to 2010**  
College of Natural and Computational Sciences  
Hawai'i Pacific University, Kaneohe, HI

**Environmental Policy Advisor, 1997 to 2003**  
Global Environment Center, Office of Energy, Environment and Technology  
United States Agency for International Development (USAID), Washington, DC  
Supervisors: Robert MacLeod (rmacleod@usaid.gov)  
Gordon Weynand (gweynand@usaid.gov)

Provided technical expertise for programmatic design, support, and oversight while serving as an on-site policy advisor to USAID through agreements with: AAAS (1997 to 1999), International Resources Group (1999 to 2002), and USDA via New Mexico State University (2002 to 2003).

**ECO Intern, 1997**  
Office of International Activities  
US Environmental Protection Agency, Washington, DC  
Supervisor: Anna Phillips (aphillips@epa.gov)

**Research Assistant, 1993 to 1997**  
Institute for Policy Studies  
Johns Hopkins University, Baltimore, MD  
Supervisor: Dr. Michael Bell

**Consultant, 1992 to 1993**  
Economic Development Institute, World Bank, Washington, DC

**Research Intern, Summer 1992**  
The Ministry of Science and Technology  
Republic of Slovenia, Ljubljana, Slovenia

**Database Management Specialist, 1990 to 1991**  
PRC, Inc. (subsidiary of Northrup Grumman), McLean, VA

**Financial Database Administrator, 1988 to 1990**  
Morgan Guaranty Trust Company, New York, NY

## TEACHING EXPERIENCE

**Hawai'i Pacific University**, 2008 to present  
College of Natural and Computational Sciences, Kaneohe, HI

*Courses taught at HPU (note the SUST alpha was formerly GLSD):*

ECON 3430 Environmental Economics  
ENVS 1000 The Sustainability Challenge  
ENVS 3000 Sustainability and the Environment  
ENVS 3020 The Environmental Policy Process  
ENVS 3600 Natural Resource Management  
ENVS 4070 Industrial Ecology  
ENVS 4100 BA ENVS Capstone  
ENVS 4400 BS ENVS Capstone  
ENVS 4950 Environmental Science/Studies Practicum  
ENVS 6150 Environment, Power, and Society  
ENVS 6920 Special Topics  
HON 2200 Honors Seminar: "Plastic Fantastic"  
MATH 1123 Elementary Statistics  
SUST 6000 Sustainable Human Systems  
SUST 6005 Research Methods  
SUST 6330 Industrial Ecology  
SUST 6340 Environmental History  
SUST 6500 Ecological Economics and Sustainable Development  
SUST 6950 Global Leadership and Sustainability Practicum  
SUST 7100 Capstone Course Part I  
SUST 7200 Capstone Course Part II  
UNIV 1000 First Year Seminar

## UNIVERSITY SERVICE

**Department Chair**, Department of Natural Sciences, CNCS (August 2018 to July 2020)

**Program Director**, MA Global Leadership and Sustainable Development -- currently the MA Sustainability or SUST program (August 2013 to August 2018)

**Program Chair**, BS/BA Environmental Science/Studies  
(August 2012 to September 2014; August 2023 to present)

### **Residential Honors Program**

Faculty (January 2018 to present)

Capstone Advisor (Fall 2018 to present)

Advisory Committee (August 2021 to present)

Study Abroad Chaperone to China (Spring 2019)

**Shared Governance Academic Assessment Committee** (August 2017 to present)

**Study Abroad Scholarship Committee** (Fall 2016 to present)

**Graduate Curriculum Committee** (September 2014 to August 2018)

**Shared Governance Master Planning Committee** (June 2013 to August 2018)

**Faculty Promotion and Review Committee**, Department of Natural Sciences  
(AY 2014/2015 and AY 2017/2018)

**Presidential Lecture Series on Global Leadership and Sustainable Development**  
Lead (August 2014 to September 2016)

**Ad Hoc General Education Committee** (September 2013 to December 2014)

**CNCS College Scholarship Endeavors Program Committee** (Spring 2013)

**CNCS Curriculum Committee** (August 2010 to August 2012; chair 2011 to 2012)

**University Curriculum Committee** (August 2011 to August 2012)

#### **COMMUNITY SERVICE**

**Hawai'i Green Growth** (August 2014 to present)

HGG Policy and Legislative Working Group, Co-Chair (January 2020 to present)  
Technical advisor and member of Smart Sustainable Communities Roundtable; Policy and Legislation Working Group; Measures Working Group; and Next Generation Pathways Working Group

**Honolulu Habitat for Humanity** (January 2015 to January 2019)

Board member and strategic planning committee chair

Vice President (January 2017 to January 2018)

President (January 2018 to January 2019)

**International Union for the Conservation of Nature (IUCN) World Conservation Congress**, September 2016

Hawai'i Host Committee member (September 2014 to September 2016)

Co-chair of IUCN WCC Conservation Campus Committee (September 2014 to September 2016)

Affiliate Membership point of contact for HPU (December 2014 to Fall 2018)

**Hui o Ko'olaupoko** (December 2012 to August 2017)

Provided ongoing technical support. Reviewed and edited HOK's Hawai'i Residential Rain Garden Manual; built prototype rain garden on HPU campus.

**travel2change** (January 2015 to August 2018)

Board Member. Cooperated with HPU Marketing professor to provide ongoing support to start up and roll out of non-profit aimed at matching visitors to Hawai'i with local, non-profit environmental organizations for volunteer and community service opportunities for travelers.

## **PUBLICATIONS**

Salina-de-Leon, P., S. Andrade, C. Arnes-Urgelles, JR Bermudez, S. Bucaram, S. Buglass, F. Cerutti, W. Cheung, C. De la Hoz, V. Hickey, G. Jimenez-Uzcategui, I. Keith, JR Marin Jarrin, P. Marti-Puig, M. Medina, A. Moya, D. Pauly, D. Orellana, R. Ostergaard-Klem, C. Stock, J. Witman, and B. Worm (2020). Evolution of the Galapagos in the Anthropocene. *Nature Climate Change*, 10, 380-382.  
<https://doi.org/10.1038/s41558-020-0761-9>

Ostergaard-Klem, R. and Oleson, K.L.L. (2014). GPI Island Style: Localizing the Genuine Progress Indicator to Hawai'i. *Environmental Practice*, 16(3), 1-11.  
doi:10.1017/S1466046614000192

## **TECHNICAL REPORTS AND OTHER PUBLICATIONS**

Oleson, K.L.L and Ostergaard-Klem, R. February 28, 2022. *Updating the Genuine Progress Indicator for the State of Hawai'i*. UH-HPU Final Report to Hawai'i State Department of Business, Economic Development, and Tourism (DBEDT).

Ostergaard-Klem, R., Reynolds, C. and L. Applegate. December 2017. *Looking Ahead: The Path to a Stormwater Utility for the City and County of Honolulu*. Technical report prepared for the City and County of Honolulu and the Hawai'i Community Foundation.

Ostergaard-Klem, R. and Oleson, K.L.L. *Genuine Progress Indicator Hawai'i (GPI-HI) and Invasive Species*. April 2015. Technical report in State of Hawai'i Environmental Council 2014 Annual Report. Honolulu, HI: Department of Health, Office of Environmental Quality Control.

Ostergaard-Klem, R. and Oleson, K.L.L. *Presenting the Genuine Progress Indicator Baseline*. February 2014. Technical report in State of Hawai'i Environmental Council 2013 Annual Report. Honolulu, HI: Department of Health, Office of Environmental Quality Control.

Ostergaard-Klem, R. and Oleson, K.L.L. *Towards a Green Economy: The Role of the Genuine Progress Indicator in Hawai'i*. May 2013. Technical report in State of Hawai'i Environmental Council 2012 Annual Report. Honolulu, HI: Department of Health, Office of Environmental Quality Control.

*Impacts, Best Practices, and Recommendations from Nine Environmental Programs, USAID/Poland (1992-98)*. November 1998. Technical report prepared by program assessment team. Washington, DC: US Agency for International Development.

*Industrial Pollution in Latin America and Caribbean Countries*. February 1998. Paper prepared for Summit of Americas, Sustainable Cities Seminar, World Bank, Washington, DC

*Dark Past, Bright Future: Environmental Cooperation in Central and Eastern Europe and the New Independent States*. June 1998. Washington, DC: US Environmental Protection Agency, Office of International Activities

*Economic Development and Environmental Management*. September 1994. Case studies and notes prepared for a ministerial-level seminar. Washington, DC: EDI, World Bank

*Handbook of Environmental Assessment*. January 1994 (draft). Washington, DC: EDI, World Bank.

Ostergaard, R. (1995). Privatization and Regulatory Change in Europe – Book Review [Review of the book *Privatization and Regulatory Change in Europe*]. *European Spatial Research and Policy* 2(1). Lodz, Poland: University of Lodz

## **PRESENTATIONS, PANELS, WORKSHOPS**

Ocean, ‘Ōhi‘a, ‘Ōhana, and Omicron too? Updating Hawai‘i’s Genuine Progress Indicator (GPI). US Society for Ecological Economics Biennial Conference, June 23, 2022. *Presenter*.

The Genuine Progress Indicator (GPI): Exploring current topics and prospects for the future. US Society for Ecological Economics Biennial Conference, June 22, 2022. *Symposium chair, presenter, panelist, and moderator*.

Beyond GDP: Measuring Genuine Progress. Association for Public Policy Analysis & Management (APPAM) Webinar. March 2, 2022. *Presenter and panelist*.

The Fundamentals of Ecological Economics in Today’s World. US Society for Ecological Economics Webinar Series “The Post-Covid Economy: Centering Justice, Sustaining Ecosystems.” January 28, 2021. *Presenter and panelist*.

Putting a Price on Nature – The Use of Ecological Economics in Regulatory Regimes. Hawai‘i Bar Convention & Annual Meeting, Honolulu, HI, October 11, 2019. *Presenter and panelist*.

Building Bridges in a Full World: How to Teach Ecological Economics Across the Disciplines. US Society for Ecological Economics-Ecological Society of America Joint Conference, Louisville, KY. August 11, 2019. *Presenter and workshop co-organizer*

Localizing the UN Sustainable Development Goals in Hawai‘i: the Community As Our Living Laboratory. Association for the Advancement of Sustainability in Higher Education (AASHE), Pittsburgh, PA. October 3, 2018. *Presenter and moderator*

Assessing Our Critical Thinking ILO. HPU Assessment Day. August 21, 2018. *Presenter and moderator*

Capturing Well-Being in the Face of Climate Change: A Perspective from Hawai'i. Charles Darwin Foundation, Galapagos Island. October 25, 2017. *Presenter*

Pricing Water Under the Public Trust Doctrine: Designing a Process for Policy Makers in Hawai'i. US Society for Ecological Economics (USSEE) Conference, St. Paul, MN. June 26, 2017. *Presenter*

Ocean, Ohia, Ohana and Going Beyond GDP in Hawai'i. Harvard Club of Hawai'i. April 12, 2017. *Presenter*

The Island Style Genuine Progress Indicator: Moving Beyond GDP in Hawai'i. Hawai'i Association of Environmental Professionals (HAEP), October 11, 2016. *Presenter*

The Genuine Progress Indicator (GPI): Moving Beyond GDP in Hawai'i. Chamber of Commerce Hawai'i, September 7, 2016. *Presenter and panelist*

Teaching the Trio: Using Examples from Hawai'i to Incorporate the Water-Energy-Food Nexus into Ecological Economics Curricula. International Society for Ecological Economics (ISEE), Washington, DC. June 25, 2016. *Presenter*

Teaching Ecological Economics: From Principles to Practice. International Society for Ecological Economics (ISEE), Washington, DC, June 26, 2016. *Session moderator*

GPI Island Style: Moving the Genuine Progress Indicator from Theory to Practice in Hawai'i. International Society for Ecological Economics (ISEE), Washington, DC, June 27, 2016. *Presenter*

The Genuine Progress Indicator (GPI): Measuring Hawai'i's Economy with a More Comprehensive Measure. Hawai'i Executive Conference, Fairmont Kea Lani, Maui, April 13, 2016. *Presenter and panelist*

The Genuine Progress Indicator (GPI): Implications for Hawai'i. Hawai'i Green Growth, Smart Sustainable Communities Roundtable, February 11, 2016. *Presenter*

What We Can Learn About Homelessness in Hawai'i from the Genuine Progress Indicator. Pieces of the Puzzle: What We Can Learn from the Disciplines. Homelessness Awareness Week. Hawai'i Pacific University, April 2, 2015. *Presenter and panelist*

GPI "Island-Style" Introducing the Genuine Progress Indicator to Hawai'i: Tech and Tools. 22<sup>nd</sup> Hawai'i Conservation Conference: Navigating Change in the Pacific Islands. Hawai'i Convention Center, July 15-17, 2014. *Presenter and session moderator*

Environmental Council Annual Report, A New Approach: The Genuine Progress Indicator (GPI). American Planning Association, Hawai'i Chapter. AIA Honolulu -- Center for Architecture. July 2, 2014. *Presenter and session moderator*

Engineering for Sustainable and Developing Communities. Sapienza University, Rome, Italy. June 9 -11, 2014. *Presenter*

Higher Education – Vital Partners in Building a Sustainable Hawai‘i (Plenary Session). 2<sup>nd</sup> Annual Hawai‘i Sustainability in Higher Education Summit, University of Hawai‘i, Windward Community College. March 13-15, 2014. *Plenary panelist*

GPI “Island-Style” Introducing the Genuine Progress Indicator to Hawai‘i. 2<sup>nd</sup> Annual Hawai‘i Sustainability in Higher Education Summit, University of Hawai‘i, Windward Community College. March 13-15, 2014. *Presenter*

GPI “Island-Style” Introducing the Genuine Progress Indicator to Hawai‘i. Hawai‘i Green Growth Initiative; Sustainability Dashboard. The Nature Conservancy, January 14, 2014. *Presenter and participant*

GPI “Island-Style” Introducing the Genuine Progress Indicator to Hawai‘i. HPU Faculty Scholarship Day, Kaneohe, HI. August 29, 2013. *Presenter*

GPI “Island-Style” Introducing the Genuine Progress Indicator to Hawai‘i. GPI in the States Summit, Baltimore, MD. June 14, 2013. *Presenter and participant*  
Building Community Partnerships Inside and Outside the Classroom: Case Study from Hawai‘i Pacific University and Hui o Ko‘olaupoko Efforts for Watershed Protection. Panel on Faculty Perspectives on Students and Sustainability: From Engagement to Empowerment. 1<sup>st</sup> Annual Sustainability in Higher Education Summit, University of Hawai‘i at West Oahu. April 12, 2013. *Presenter and panelist*

Introducing the Genuine Progress Indicator to Hawai‘i. Water Resources Research Center (WRRC) Lecture Series, University of Hawai‘i at Manoa. March 6, 2013. *Guest lecturer*

The Role of the Genuine Progress Indicator at the Sub-National Level: The Case of Hawai‘i. HPU Global Issues Working Group. February 6, 2013. *Guest lecturer*

Environmental versus Ecological Economics. CAPSEEDs, Puahou School, Honolulu, HI. June 2012. *Guest lecturer*

Ecological Economics: The Road Less Traveled? Hawai‘i Pacific University, Department of Natural Sciences, Kaneohe, HI. April 2011. *Presenter*

Environmental Management Systems in Municipal Governments. Inter-American Development Bank, Washington, DC, June 2002. *Presenter*

International Expert Workshop on the Analysis of the Economic and Public Health Impacts of Air Pollution. Garmisch-Partenkirchen, Germany, September 2001. *Presenter and group facilitator*

Environmental Infrastructure Management. NATO sponsored conference, Kyiv, Ukraine, May 1995. *Presenter*

Tools for Environmental Decision Making: The Case of Tourism in the Carpathian Mountain Region. Miskolc, Hungary, May 1994. *Organizer and presenter*



## **SCHOLARLY SERVICE**

US Society for Ecological Economics (USSEE)  
Board of Directors, June 2017 – June 2021

Anonymous Faculty Tenure Reviewer, DePaul University, Fall 2018  
Anonymous Peer Reviewer, *Ecological Economics*, May 2018  
Anonymous Peer Reviewer, *Ecological Indicators*, April 2018  
Anonymous Peer Reviewer, *Sustainability: MDPI Journal*. April 2017  
Anonymous Peer Reviewer, *Sustainability: MDPI Journal*. May 2014  
Anonymous Peer Reviewer, *KronoScope: Journal for the Study of Time*. August 2014

## **PROFESSIONAL MEMBERSHIPS**

International Society for Ecological Economics (ISEE) June 2013 – present  
United States Society for Ecological Economics (USSEE) June 2013 – present  
Hawai'i Association of Environmental Professionals (HAEP) June 2014 – present  
Hawai'i Economic Association (HEA) May 2017 – present  
International Union for Conservation of Nature (IUCN), Council on Environmental,  
Economic, and Social Policy (CEESP) June 2015 – June 2018