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Professional Society Participation & Presentations (last 5 years):

- Fellow, American Association for the Advancement of Science
- Invited speaker, OTS Roundtable on Climate Change, La Selva, Costa Rica (2011)
- Invited speaker, EEB 552 Colloquium, Princeton University, Princeton N.J. (2011)
- Invited symposium speaker, Trees and the Global Environment, 6th Annual Harvard Plant Biology Symposium, Cambridge, Massachusetts (2010)
- Invited speaker to delegation of U.S. Congressional staffers, San José, Costa Rica (2010)
- Invited speaker, Special Lecture Series on Multi-Decade Ecological Research Studies, to celebrate the 20th anniversary of the Harris World Ecology Center at UMSL, St. Louis, Missouri (2009)
- Invited speaker, University of Missouri-St. Louis & St. Louis Zoo, Special Course on Global Climate Change, St. Louis, Missouri (2009)
- Invited speaker, two OTS International Courses for US Decision Makers on Forest Carbon [REDD] Policy (for U.S. Congressional staffers and federal agency policy representatives - USDA, USFS, U.S. State Dept.) (August, October), La Selva, Costa Rica (2009)
- Invited speaker, NSF-RCN "Complex Ecological Topics" symposium, La Selva, Costa Rica (2009)
- Invited speaker, University of Arizona-NSF Amazon PIRE program-Biosphere II, U. Arizona, Tucson (2009)
- Participant, Biosphere 2 Tropical Forest Workshop, Tucson (2009)
- Participant, NSF IOS Workshop "*Exploring Science Needs for Predicting Organismal Responses to Rapid Directional Environmental Change*", Washington DC (2008)

Professional Society Participation & Presentations (last 5 years), cont'd.:

- Invited speaker, Nineteenth Annual Gifford Arboretum Lecturer, University of Miami (2007)
- Invited speaker, Department of Earth and Planetary Sciences, Harvard U. (2007)
- Member, Science Advisory Board, National Center for Ecological Analysis and Synthesis (2003-2006)
- Participant, Biodiversity Science & Education Initiative (BSEI), Task Force I
- Honorary Members Committee of the Ecological Society of America (2005-2006)
- Invited speaker, Senate briefing on tropical forests and global change, Washington DC (2006)
- Contributing Author, IPCC Working Group 1, 2004-2006
- Invited speaker, OTS Symposium, Washington DC (2006)
- Invited speaker, Biogeochemistry & Environ. Biocomplexity seminar series, Cornell U. (2006)
- Invited speaker, Visiting Distinguished Ecologist lecture series of the Graduate Degree Program in Ecology (GDPE), Colorado State University, Ft. Collins (2006)
- Research talk/briefing to U.S. Senator Jim Jeffords and staffers, La Selva, (2006)

Teaching:

During many of the last 30 years, I annually taught in 2-5 graduate- and undergraduate-level field courses in tropical biology/ecology (leading group field problems, research lectures, field orientation, counseling students in individual research projects). Most were Organization for Tropical Studies courses taught in English, Spanish, or Portuguese, in Costa Rica, Brazil, and Peru. Additionally, I have taught in graduate- and undergraduate-level ecology courses in Mexico, Colombia, Brazil, and Puerto Rico. In recent years I have annually given research talks to dozens of undergraduate and graduate courses and academic and decision-maker groups at La Selva Biological Station and elsewhere.

Thesis Student Committees:

Dakis Ouedraogo (Doctoral Thesis, U. Montpellier, France; 2011)
Daniela Dias (Doctoral Thesis, INPA, Manaus, Brazil; 2009)
Flávia Costa (Doctoral Thesis, INPA, Manaus, Brazil; 2001)
Jaana Vormisto (Doctoral Thesis, U. Turku, Finland; 2001)
Mabel Paz (Master's Thesis, U. Costa Rica, Costa Rica; 1995)

Reviewer for:

Science; Nature; PNAS; Global Change Biology; Ecology/Ecological Monographs; Ecological Applications; Ecology Letters; Ecosystems; J. Geophysical Research; J. Tropical Ecology; Forest Ecology & Management; American Naturalist; J. Ecology; Biotropica; Oecologia; Oikos; J. Vegetation Science; National Science Foundation; NASA; National Geographic Society; USDA; NCEAS

Current Grants and Awards:

NSF/LTREB (DEB-0640206). Long-term annual performance of tropical rainforest trees: a cross-scale analysis. \$419,548. P.I. with Co-P.I. David Clark. 2/15/2007 – 1/31/2012.
NSF/LTREB (DEB-1147367) Renewal: Multidecadal performance of tropical rainforest canopy trees - climate change, disturbance, and ontogeny. \$441,524 2/1/2012-1/31/2017.
NSF/LTREB (DEB-0841872). Tropical rain forest ecosystem responses to climatic forcings. \$449,821. Co-P.I. with P.I. David Clark. 1/2009-12/2013.

Languages

Spanish (fluent speaking, reading, writing)
Portuguese (fluent speaking, reading, writing)
French (reading, some conversation)