

## **JOHN HILLIARD PARKER**

### **Personal**

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### **Education**

Ph.D., Physical Chemistry, University of California, Berkeley, 1969  
B.S., Chemistry, Emory University, 1963

### **Professional Experience**

Professor Emeritus, Environmental Science and Chemistry, 2008  
Professor of Environmental Science and Chemistry, Florida International University, 1988-2008  
Undergraduate Coordinator, Environmental Studies Department, 1994-2008  
Coordinator, Certificate in Environmental Studies, 1990-2008  
Visiting Professor of Environmental Science, University of Cape Town (sabbatical), 1997-1998  
Acting Chair, Environmental Studies Department, 1997  
Director, Environmental Studies Program, 1976-1978, 1982-1994  
Associate Professor, Environmental Science/Chemistry, Florida International University, 1973-1988  
Assistant Director, FAU-FIU Joint Center for Environmental and Urban Problems, 1976-1980  
Associate Dean, College of Arts and Sciences, Florida International University, 1975, 1976  
Research Chemist, Environmental Protection Agency, National Environmental Research Center, 1974  
Assistant Professor, Florida International University, 1972-1973  
Assistant Professor, Kansas State University, 1971-1972  
Assistant Professor, University College of Cape Coast, Ghana, 1969-1971

### **Recent Honors/Awards**

FIU University Service Medallion, FIU Graduation Ceremony, December, 2007  
FIU Martin Luther King Award for Community Service, 2005  
Faculty Keynote Speaker, FIU College of Arts and Sciences Spring Graduation, 2003  
Designated "Founding Professor", FIU 30<sup>th</sup> Anniversary Celebration, October, 2002  
FIU Alumni Association Torch Award/Outstanding Faculty Award, October, 2002  
"Prominent Dade County Environmentalist", Miami-Dade County Schools, 2002  
Outstanding Community Service Award, Richmond Heights, 2001  
Florida State Board of Regents Distinguished Service Award, 1998  
FIU Excellence in Teaching Award, 1997  
FIU Teaching Incentive Program Award, 1996  
FIU Excellence in Advising Award, 1995  
City of Miami Environment Award, 1993  
American Forestry Association National Research Medal, 1991

FIU-SGA Gregory B. Wolfe Faculty Award, 1989  
 FIU Service Award, 1987  
 Associate Editor, International Journal of Energy Systems, 1985-2008

### Publications

**Over 62 papers and refereed journal articles and one book.**

#### Recent Publications

J. H. Parker, "The Impact of Vegetation on Air Conditioning Consumption", Controlling Summer Heat Islands, Lawrence Berkeley Labs, Berkeley, CA (1989).

J. H. Parker, "Energy and Environment: Energy Conservation Landscape Ordinances", Proc. Fourth National Urban Forestry Conf., IV, 50, St. Louis, MO., October, 1989.

P. Busey and J. H. Parker, "Low Maintenance and Energy Conservation." In Turfgrass Science, D.V. Waddington, R.N. Carrow and S. Shearman (eds.) Madison, WS: American Society of Agronomy Press, 1992.

J. H. Parker, "Integrating Energy Conservation Landscaping into Low-Income Housing Projects", Proc. Seventh Nat. Urban Forestry Conf., NY, NY (1995).

J. H. Parker, "Sustainable Neighborhoods", Proc. Nat. Pollution Prevention Roundtable, Miami Beach, FL, 1995.

J. H. Parker, "Urban Trees and Global Warming", Proc. Saitama Summit--Third Local Government Leaders' Summit on Climate Change, Tokyo, Japan, October 1995.

P. Soto, J. H. Parker and G. O'Brien, "Our Forest, Their Forest--A Project Which Stimulates Long-term Learning and Community Action." In Social Issues and Service at the Middle Level, S. Totten and J. E. Pedersen (eds.): Allyn and Bacon, 1997.

J. H. Parker, "Eco-landscaping", Proc. First South Florida Sustainable Building Conf., Miami, FL, April 1997.

J. H. Parker, "Energy Conservation Landscaping and Sustainable Neighborhoods", Proc Eighth National Urban Forestry Conf, Atlanta, GA, September 1997.

J. H. Parker, "Climate Change, Water Resources and South Florida", Climate Change Workshop, Florida International University, July 1998.

J. H. Parker, "US. vs. Global Warming", Miami Herald, October 15, 2000.

J. H. Parker, "Trees and Sustainability: It's *Not* Really About Trees", Proc. Tenth Nat. Urban Forestry Conf., Washington D.C. 2001

J. H. Parker, "Reducing Pollution and Waste in Ecotourism in Florida", Proc. 8<sup>th</sup> FL. Pollution Prevention Conf., Gainesville, FL, 2004.

J. H. Parker, "Reducing Greenhouse Gas Emissions through Efficiency, Conservation and Education",

Global Climate Change Conference, SFAEP, North Miami Beach, 2006.

J. Loder and J.H. Parker, “Development and Evaluation of Marine Conservation Exhibits at the Biscayne Nature Center”, North American Association of Environmental Education Conference, St. Paul, MN, October, 2006.

J. H. Parker, “Alternative Energy Sources for the Future”, Second Florida Keys Energy Conference, Marathon, March, 2007

J. H. Parker, “Ecotourism—Beyond Green Lodging”, Third Florida Keys Energy Conference, Marathon, May, 2008

J. H. Parker, “Energy-efficient Air Conditioning”, Third Florida Keys Energy Conference, Marathon, May 2008.

### **Book**

J. H. Parker, Landscaping: Energy Conservation in the Air Conditioned House. Miami, FL: Miami-Dade Community College Press, (1986).

### **Recent Grant**

Environmental Education through Biodiversity Analyses, LTER-NSF, 1997

### **Professional Service**

#### **Board Member**

Citizens for a Better South Florida  
Biscayne Nature Center  
Dade County Climate Change Adaptation Task Force  
Roots in the City  
Hands-on-Miami Citizen Academy

#### **Other Professional Service**

National Technical Advisor, American Forests' Cool Community Program  
Technical Advisor, Dade County's “Cool Communities” Program  
Technical Advisor/Co-director, Dade County's United Nations Urban CO<sub>2</sub> Reduction Project  
Executive Committee, Florida Urban Forestry Council  
Faculty Member, National Wildlife Federation Conservation Summit

#### **Professional Society Member**

American Chemical Society  
American Solar Energy Society  
International Association of Science and Technology for Development

#### **Environmental Organization Member**

National Wildlife Federation  
Sierra Club  
National Audubon Society  
Florida Native Plant Society  
Union of Concerned Scientists