

## **CECILIO ORTIZ GARCIA**

Urb. Sultana  
Calle Alhambra #109  
Mayagüez Puerto Rico 00680  
Tel: (787) 464-2936  
E-mail: [cecilio.ortiz@upr.edu](mailto:cecilio.ortiz@upr.edu)

## **EDUCATION**

1999 - PhD Public Policy and Administration, School of Public Affairs, Arizona State University, Tempe, AZ

Dissertation: "***Managing the Environment in the Caribbean: A Baseline Assessment of State Environmental Capacity in Puerto Rico.***"

1996 - Master of Public Administration, Governors State University, University Park, IL.

1988 - Bachelor of Science - Management, Park College, El Paso, TX.

## **MAJOR AREAS OF INTEREST**

Renewable energy policy, social acceptance of renewable energy technologies, energy policy and regulatory analysis, environmental policy analysis and evaluation, environmental justice and sustainable development issues

## **ACADEMIC APPOINTMENTS**

ASSOCIATE PROFESSOR, POLITICAL SCIENCE, DEPARTMENT OF SOCIAL SCIENCES-UNIVERSITY OF PUERTO RICO AT MAYAGUEZ

July 2007 until present

Courses: Sustainability Dimensions of Physical Infrastructure (IGERT Course in Civil Engineering), Introduction to Policy Analysis, Fundamentals of Public Administration, Environmental Policy (IGERT Course in Environmental Sciences), Introduction to Political Sciences, United States Government, Public Participation, Research Methods in Political Science, Introduction to the Social Sciences I and II

ASSISTANT PROFESSOR, ROBERTO SANCHEZ VILELLA GRADUATE SCHOOL OF PUBLIC ADMINISTRATION- UNIVERSITY OF PUERTO RICO- RIO PIEDRAS CAMPUS

January 2006 until June 2007

Courses: Research Methods for Public Administration, Decision Making Theory, Development Administration.

ASSISTANT PROFESSOR, POLITICAL SCIENCE DEPARTMENT,  
UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

August 2004 - January 2006

Courses: American Government, Environmental Policy in the United States,  
Introduction to Public Administration, Environmental Justice, and Latino Politics.

ASSISTANT GRADUATE PROFESSOR, MASTERS OF PUBLIC  
ADMINISTRATION PROGRAM, UNIVERSITY OF TEXAS OF THE PERMIAN  
BASIN

August 2004- January 2006

Courses: Graduate Seminar in Public Policy, and Research Methods for Public  
Administration.

VISITING ASSISTANT PROFESSOR, POLITICAL SCIENCE DEPARTMENT,  
UNIVERSITY OF TEXAS AT EL PASO

August 2001 until July 2004

Courses: Introduction to Political Science (course also taught in Spanish),  
Principles of American Government (course also taught in Spanish), and Minority  
Communities and Public Policy in the United States.

VISITING ASSISTANT PROFESSOR, CHICANO STUDIES DEPARTMENT,  
UNIVERSITY OF TEXAS AT EL PASO

January 2001 until July 2004

Courses: Environmental Policy on the U.S./Mexico Border, Environmental Justice  
Issues in Minority Communities, Societal Issues in Chicano Studies, and Socio-  
Political Aspects of Water Management in the West.

LECTURER, ENTERING STUDENT PROGRAM, UNIVERSITY OF TEXAS AT  
EL PASO

January 2000 until July 2004

Courses: Seminar on Border Environmental Issues (course also taught in  
Spanish), and Technology and Society: Water Management and Society in the  
Southwest.

FACULTY ASSOCIATE, SCHOOL OF ARCHITECTURE & ENVIRONMENTAL  
DESIGN, ARIZONA STATE UNIVERSITY, TEMPE, AZ.

August 1999 until December 1999

Courses: Environmental Planning and Policy and Sustainable Development.

CO-LECTURER, SCHOOL OF ARCHITECTURE & ENVIRONMENTAL DESIGN,  
ARIZONA STATE UNIVERSITY, TEMPE, AZ.

August 1997 until May 1998

Courses: Introduction to Environmental Policy, and Environmental Justice.

GRADUATE RESEARCH ASSISTANT, ARIZONA STATE UNIVERSITY, TEMPE,  
AZ.

March 1997 until December 1999

Serve as a Social Science liaison between ASU's Hispanic Research Center and all National Science Foundation sponsored research institutions.

RESEARCH ASSISTANT, PUBLIC POLICY INSTITUTE, GOVERNORS STATE UNIVERSITY, UNIVERSITY PARK, ILL.

August 1995 - June 1996

Performed detailed research on policy issues affecting local government, economics, education, housing and politics. Compiled and analyzed data on economic, social, physical infrastructure and other factors. Prepared narratives, research papers and other reports.

## **PROFESSIONAL AND RESEARCH EXPERIENCE**

SCIENTIFIC ADVISOR, MESA DE DIALOGO ENERGETICO DE PUERTO RICO, INSTITUTO TROPICAL DE ENERGIA AMBIENTE Y SOCIEDAD UPRM, MAYAGUEZ, PUERTO RICO

October 2007 until present

Provide scientific expertise in areas of collaborative dialogue, organizational behavior and research, public participation, stakeholder engagement. Serve as liaison between ITEAS Executive Committee and the Mesa de Dialogo Members.

EXECUTIVE COMMITTEE MEMBER, INSTITUTO TROPICAL DE ENERGIA AMBIENTE Y SOCIEDAD, UPRM MAYAGUEZ PUERTO RICO

August 2006 until present

Participated in decision making activities including research, policy advocacy, education and service. Secured grant funding and managed several research projects as Principal Investigator.

RESEARCHER, CENTER FOR APPLIED SOCIAL RESEARCH, UPRM, MAYAGUEZ PUERTO RICO

August 2007 until December 2012

Collaborated in research activities in various areas. Conducted seminars, presentations and other activities. Participated in research grant seeking activities.

BOARD OF DIRECTORS MEMBER, NATIONAL HISPANIC ENERGY AND ENVIRONMENTAL COUNCIL, ALEXANDRIA, VIRGINIA

January 2002 until January 2006

Participated in decision making processes regarding Council activities and policies. Assisted in preparation of seminars, presentations and other activities related to NHEEC flagship events: Youth Summer Camp and The Annual NHEEC Energy and Environmental Conference.

PROJECT COORDINATOR/MANAGER, CENTER FOR ENVIRONMENTAL RESOURCE MANAGEMENT (CERM), UNIVERSITY OF TEXAS AT EL PASO, EL PASO, TX.

November 1999 - August 2001

Procure, develop and manage environmental research projects with particular interest to the U.S./Mexico border. Maintain liaisons with Texas Congressional Delegation and educate members of Congress about Border environmental issues. Manage sponsored student programs funded by the Department of Energy, Environmental Protection Agency, etc.

ECONOMIC DEVELOPMENT COORDINATOR, RIO GRANDE COUNCIL OF GOVERNMENTS, EL PASO TX.

October 1997 - April 1998

Co-managed Brownfields Redevelopment Pilot Project in partnership with EPA. Secured \$200,000 grant towards completion of 2 year project.

Represented the Rio Grande Council of Governments in all economic development related activities. Prepared economic data reports, abstracts and other documents for presentations to the Board of Directors and other external groups.

HOUSING ADMINISTRATOR, COMCARE, PHOENIX, AZ.

August 1996 - March 1997

Spearheaded fundraising activities for the continuation of homeless assistance programs. Developed homeless assistance initiatives in coordination with local service providers. Assured compliance with federal, state and municipal grant requirements. Created grant proposals and complete grant applications in a timely manner. Supervised a staff of four.

COUNTY PLANNER, WILL COUNTY LAND USE DEPARTMENT, JOLIET, ILL.

September 1994 - July 1996

Devised & recommended arrangements for recreational, residential, industrial, commercial, agricultural and other community facilities and uses. Recommended measures affecting land use, public utilities and transportation, economic affairs, housing and other community facilities. Reviewed and evaluated environmental, financial, and other assessments or impact reports and statements, applicable to specific private and public plans.

HOUSING FINANCE SPECIALIST, NEIGHBORHOOD SERVICES DEPARTMENT, CITY OF JOLIET, ILL.

June 1992 - August 1994

Handled low income loan applications for both First Mortgages and Home Improvement loans. Negotiated rates with local banks for the benefit of applicants. Linked applicants with applicable neighborhood and community services. Conducted home ownership seminars in both Spanish and English.

Handled closings and all related documents for every loan processed.  
Coordinated CDBG grant applications and accounting.

## **PUBLICATIONS**

Ortiz Garcia, C. and Perez Lugo, M. (2014) "A Collaborative Strategy for Stakeholder Engagement in the El Yunque National Forest Planning Process"; Final Report to the United States Forest Service

Ortiz Garcia, C. and Perez Lugo, M. (2013) "Sociopolitical Acceptance to the Installation of a Wind Turbine Project in Santa Isabel, Puerto Rico" Final Report to Aspenall Co.

Ortiz Garcia, C. and Perez Lugo, M. (2012) "Social Acceptance to the Installation of a Single Wind Turbines to power a PRASA Water Treatment Facility in Camuy, Puerto Rico" Final Report to Aspenall Co.

Ortiz Garcia, C., Oneill Carrillo, E., Perez Lugo, M., Baiges, I., Minos, S. (2010) "Experiences with Stakeholder Experiences in Transitioning to an Increased Use of Renewable Energy Systems", IEEE Magazine

Ortiz Garcia, C. and Perez Lugo, M. (2010) "Social Acceptance to the Installation of Wind Turbines in Bacardi, Catano Puerto Rico" Final Report to Aspenall Co.

Ortiz García, C. and Perez Lugo, M. (2009), Community Perceptions and Attitudes about locating a pilot wind farm in Vieques: Recommendations for effective communication and public participation strategies; Research Report, Tropical Institute of Energy, Environment and Society; University of Puerto Rico- Mayaguez Press

Ortiz García C. and Perez Lugo, M. (2008), Energía Sostenible: Antología de lecturas del Instituto Tropical de Energía, Ambiente y Sociedad; Tropical Institute of Energy, Environment and Society; University of Puerto Rico- Mayaguez Press

Ortiz García C. (2008) "El Papel del Académico/Experto en los Procesos de Política Pública en Puerto Rico: Explorando el Liderazgo Político" [The Role of the Academic/Expert in the Policy Process in Puerto Rico] AERYC. Caguas, PR

Ortiz García C. (2008), Green Business, Renewable Energy, and a Sustainable Puerto Rico; Caribbean Business; Santurce Puerto Rico

Ortiz García C. (2008), Oposición comunitaria y ambientalista al Gasoducto: la necesidad de cambio en el manejo de nuestros recursos; Revista de la Cumbre Social de PR; San Juan Puerto Rico

Ortiz García (2008), Energía renovable sostenible; Revista de la Cumbrde PR, San Juan, Puerto Rico

Ortiz Garcia C., Oneill, E. Frey B., Perez Lugo, M., (2008) Sustainable Energy: Balancing the Economic, Environmental and Social Dimensions of Energy; IEEE Proceedings of Energy 2030, Atlanta, GA

Ortiz Garcia C., Oneill, E. Frey B., Perez Lugo, M. (2008), Advancing a Sustainable Energy Ethics through Stakeholder Engagement; IEEE Proceedings of Energy 2030, Atlanta, GA

Ortiz García (2007) "Administración y Medio Ambiente: Un acercamiento interdisciplinario" *Revista de Administración Pública; Volumen 39, Numero 2*, Escuela Graduada de Administración Pública, Universidad de Puerto Rico, Río Piedras

Ortiz Garcia (2004) in Bassford, Ledford and Lemus, et. al. "US/Mexico Border Air Quality." *Air of Injustice: How Air Pollution Affects the Health of Hispanics and Latinos*. League of United Latin American Citizens, Washington, D

Ortiz Garcia (2004) in Bassford, Ledford and Lemus, et. al. "Our Shifting Borders: Changes in Hispanic/Latino Demographic Patterns and its Environmental Justice Implications." *Air of Injustice: How Air Pollution Affects the Health of Hispanics and Latinos*. League of United Latin American Citizens; Washington D.C.

Ortiz Garcia (2004) in Bassford, Ledford and Lemus, et. al. "The Urban Forest of the New Millennium: Hispanics Preserving the Lungs of San Juan." In *Air of Injustice: How Air Pollution Affects the Health of Hispanics and Latinos*. League of United Latin American Citizens; Washington D.C.

Ortiz Garcia (2003) "Promoting Bi-National Cooperation for Water Management in the Paso del Norte Region". Environmental Defense, New York

Ortiz Garcia C., Ashur S. and Mushkatel, A. (2002) "Development of a Risk Management System for the Transportation of Hazardous Wastes across the U.S./Mexico Border: The Case of El Paso-Ciudad Juarez." The Southwest Center for Environmental Research and Policy, The University of San Diego.

## **PRESENTATIONS/CONFERENCES**

"El Instituto Nacional de Energía como Plataforma Colaborativa de Investigación y Política Pública Energética", presentation delivered to the President of the University of Puerto Rico, May 2014

"Hacia una verdadera transformación del sistema eléctrico de puerto Rico" presentation delivered to the IEEE Power Society Student Chapter, UPRM, April, 2014

"Los Municipios en Puerto Rico ante el Reto Energético: Dos Modelos", presentation delivered during the 1st Symposium on Municipal Issues, UPRM, Mayaguez Puerto Rico, March, 2014

"Visiones del Servicio Publico: Un Conversatorio"; presentation delivered to the Political Science Student Association, September, 2013

"LA COBERTURA DE ASUNTOS VERDES: EL ROL DE LOS MEDIOS DE COMUNICACIÓN EN EL DESARROLLO SOSTENIBLE DE PUERTO RICO / COVERAGE OF GREEN ISSUES: ROLE OF COMMUNICATION MEDIA IN THE SUSTAINABLE DEVELOPMENT OF PUERTO RICO" Organizado por el Instituto Tropical para Energía, Ambiente, y Sociedad / Organized by the Tropical Institute for Energy, Environment and Society (ITEAS), University of Puerto Rico at Mayaguez.; COHEMIS International Conference on Green Communities, June, 2012

ENERGÍA RENOVABLE EN VIEQUES: IDENTIFICANDO LOS RETOS Y CAPITALIZANDO EN LAS OPORTUNIDADES / PROSPECTS FOR RENEWABLE ENERGY IN VIEQUES: IDENTIFYING THE CHALLENGES AND CAPITALIZING ON THE OPPORTUNITIES; COHEMIS International Conference on Green Communities; June, 2012

"Policy, the Environment and Society: Teachers as Agents of Social Change" [Política Publica, Ambiente y Sociedad: El magisterio como agente de cambio social] presentation delivered at the teachers workshop "Centracion XI: Los ejes transversales en la acción pedagógica" at the UPR-Ponce. February, 2008.

"Chemical Engineers and Environmental Issues in Puerto Rico" [El ingeniero químico y los asuntos ambientales en Puerto Rico] Joint presentation delivered with Dr. Cecilio Ortiz Garcia to chemical engineering undergraduate students at UPRM. January, 2008.

"En búsqueda de la capacidad ambiental de estado en Puerto Rico: Un acto de contrición de la administración pública al pueblo", Ciclo de Conferencias del Programa Graduado en Ciencias Ambientales de la Universidad del Turabo, Gurabo, Puerto Rico, December, 2007

"Retos y oportunidades para la Administración Pública ante el siglo XXI", conferencia ante la facultad de Ciencias Sociales de la Universidad de Puerto Rico- Mayagüez. Auspiciada por la Unión de Estudiantes de Sociología y la asociación de Estudiantes de Ciencias Políticas, Noviembre, 2007

"V is for Vendetta: El gobierno somos nosotros" Cine Sociológico, Universidad de Puerto Rico-Mayagüez, Octubre, 2006

"Quien contamina en Puerto Rico, o donde esta la capacidad ambiental del estado en Puerto Rico, o que hace un administrador publico hablando de protección ambiental?", I Foro Social de Puerto Rico, Universidad de Puerto Rico -Recinto de Río Piedras, Noviembre del 2006

"Environmental Justice: Disproportionate Impacts of Environmental Degradation", XXVI International Congress of the Latin American Studies Association, March 2006, San Juan, Puerto Rico

"Environmental Justice and Latinos: Current issues and Future Needs" National Hispanic Environmental Council Annual Conference, April, 2005, Seattle, Washington

"Public Administrators as Activists: The role of Environmental Justice in the implementation of Environmental Policy" Conference on Minority Public Administration (COMPA), Corpus Christi, Texas, March 2005

"Our Shifting Borders: Changes in Hispanic/Latino Demographic Patterns and it Environmental Justice Implications." SESSION 5: Law, Social Justice and Public Policy at the SIGLO XXI CONFERENCE - IUPLR. January, 2005.

"Academia y Activismo en la Balanza: Retos y Oportunidades para la Justicia Ambiental" Conferencia Magistral, Department of Social Sciences, UPRM. October, 2004

"Environmental Issues in Transboundary/Transnational Settings: The Tragedy of the Commons in the U.S./Mexico Border and Puerto Rico", Diversity Lecture Series, Humboldt State University, Arcata, California, April, 2004.

"Opening Paths/Abriendo Brechas" A Workshop and Conference on Activist Scholarship in the Humanities and Social Sciences: "Academic Activists as Policy Entrepreneurs in Border Regions: The Case of the Urban Forest of the New Millennium," February 2004, UT-Austin Center for Mexican American Studies

"The Future of Texas City-Regions" UT Austin School of Architecture, Speaker: "A Tale of Three Cities: Water as a Metaphor for the Future of the Paso del Norte Region" September, 2003 UT- Austin

"Environmental Education and its effects on Policy: The case of The University of Texas at El Paso and U.S. Mexico Border Environmental Issues", CEPAL Annual Conference, San Juan Puerto Rico University of the Sacred Heart, 2002



"Assessment of Environmental Capacity of the State in Puerto Rico", EPA Brownbag Series, EPA Headquarters, Washington D.C., 2002

"History of the Environmental Justice Movement: The El Paso/Ciudad Juarez Experience", Project Bravo, Environmental Justice Conference, March 2003, El Paso Texas, Keynote speaker

National Hispanic Environmental Council Annual Conference, April, 2003, Albuquerque, New Mexico

First California Hispanic Environmental Conference, Sacramento California, 2002  
Keynote Speaker: "What is there in attaining an environmental education: A social scientist perspective."

2001 United States Environmental Protection Agency Community Involvement Conference and Training. Presenter. "Capacity Building for Environmental Health in the Paso Del Norte Region: The Case of El Paso/Ciudad Juarez." San Antonio, Texas, June 2001

American Society for Public Administration, National Conference, Rutgers University, Newark, New Jersey Presenter/Roundtable Discussion: "Cross-National Partnerships for a Sustainable Future? Volunteerism, NGOs, and the Paso del Norte Water Task Force Experience." March 2001

Western Social Science Association, Regional Conference, Reno, Nevada Paper Presentation: "Comparative Assessment of the Environmental Impacts of 'Maquiladora' Economic Development Strategies in Mexico and Puerto Rico: Learning from Shared Experiences." April, 2001

National Hispanic Sustainable Energy & Environmental Conference; San Jose, California April 1999

"Constructing Common Ground: Human and Environmental Imperatives" at The Society for Applied Anthropology 1999 Annual Meeting, Tucson, Arizona. April 1999

4th Conference on Planning and Environment, Graduate School of Planning, University of Puerto Rico-Rio Piedras Campus, February 1999

## **FUNDED RESEARCH PROJECTS**

Banco de Talentos y Acervo de Iniciativas dentro del Sistema UPR sobre Asuntos Energéticos; Oficina del Presidente, Universidad de Puerto Rico- \$8,000 (June, 2014)

Caguas Conversa: Propuesta para el desarrollo e implementación de una serie de diálogos comunitarios sobre energía renovable en once comunidades del Municipio Autónomo de Caguas (July 2009)

Sustainable Development for Rural Communities: Social, Health, Economic and Environmental Advances. Principal Investigator, United States Department of Education (\$60,000) June 2008 until May 2013.

Analysis of Community Perceptions and Attitudes about Locating a Pilot Wind farm in Vieques to Provide Recommendations for Effective Community Participation and Education Strategy, Principal Investigator, Tropical Institute for Energy Environment and Society (\$15,000) May 2008 - September 2008

Airs of Injustice: How Air Pollution Affects the Health of Hispanics and Latinos Scientific Advisor, The League of United Latin American Citizens. (\$10,000) May 2004- September 2004

Promoting Collaborative Partnerships for Water Management in the Paso del Norte Region, Principal Investigator, Environmental Defense Fund. (\$40,000)

Development of a Risk Management System for the Transportation of Hazardous Wastes on the US-Mexico Border: A Case Study of El Paso/Ciudad Juárez," Principal Investigator, Environmental Protection Agency through the Southwest Center for Environmental Research and Policy, University of Texas at El Paso (\$8,000).

## **SYNERGISTIC ACTIVITIES**

President and CEO, Environmental Policy Solutions  
Non for Profit Corporation Incorporated in 2010

Recent Projects include:

Design and Implementation of a Public Participation Strategy for the United States Forest Service El Yunque National Forest Planning Process

Sociopolitical Analysis for a Proposed Wind Turbine Project in Santa Isabel

Social Acceptance to a Proposed PRASA Wind Project at its Camuy Water Treatment Facility

Social Acceptance to a Wind Power Pilot Project for Bacardi Corp.

## **OTHER AWARDS/MEMBERSHIPS**

Board of Directors (Advisory Board), Comité Interdisciplinario para Estudios del Medio Ambiente y el Desarrollo Sustentable (CIEMADes), Universidad del Turabo. January 2008

Project Coordinator, Environmental Protection Agency-NMEMS Program, University of Puerto Rico- Mayaguez. August 2007 until present

Environmental Leadership Scholar, Smithsonian Institution Monitoring and Assessment of Biodiversity Program, Class of 2000.

Advisory Board Member, Paso Del Norte Water Task Force, 2001 until present.  
Regent's Scholarship Recipient, Graduate College, Arizona State University, Fall 96 / Spring 97.

American Society of Public Administration, Member, 1998 until present.