

Apéndice J
Resumés de Personal Responsable
de la Preparación del Documento

Carmen Iris Sosa Cruz, P. E.

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FIELDS OF COMPETENCE

- Environmental Auditing
- Environmental Impact Assessments
- Regulatory Implementation and Compliance
- Environmental Permits and related documentation as per local and federal requirements (Environmental Protection Agency, Environmental Quality Board, Corps of Engineers, PR Planning Board, the Permits and Regulations Administration (ARPE), Department of Natural and Environmental Resources, and others)

PROFESSIONAL EXPERIENCE

CSC Environmental Consultant – Self Employment March 2002 – present

- Prepared Environmental Evaluations (EA) and Environmental Impacts Statement (EIS) for industrial, commercial, residential, institutional and government entities.
- Prepared of Solid Wastes Transporter (DS-1) permit for commercial facility.
- Designed and Prepared the Construction Permit for both permitting requirements of the Permits and Regulations Administration (ARPE) and Environmental Quality Board (EQB), for sanitary wastewaters management/treatment system.
- Prepared Underground Injection Control (UIC) Permits for Septic Systems for institutional facility
- Prepared Wastewater Treatment Plant permits (CAG) for a manufacturing facility.
- Prepared Air Emission Sources permits (PFE) for industrial, commercial, institutional and government facilities; and construction projects.
- Prepared Closure Plans for industrial wastewater treatment plant and underground injection system.
- Prepared Permits and Performed Compliance Permitting Assistance, Inspection and Reporting at construction projects for Erosion Control (CES), Non-Hazardous Waste Generating Activity (DS-3), Fugitive Dust (PFE) and Noise Control.
- Prepared and certified Spill Prevention Control and Countermeasures (SPCC) Plans and Emergency Plans for industrial and commercial facilities; and construction projects.
- Prepared storm water pollution prevention (SWPP) plans for different industrial facilities.
- Prepared Underground Water Extraction Well Permits for industrial facility
- Performed Compliance Permitting Assistance for construction projects at the Permits and Regulations Administration (ARPE).

***Project Engineer-Caribe Environmental Services, Inc.
Jan. 2000 – March 2002***

- Participated in Phase I and Phase II Environmental site assessments field activities and reports preparations
- Prepared of monitoring well extraction permits.
- Prepared storm water pollution prevention (SWPP) plans for different industrial facilities.
- Participated in underground storage tank closure activities and report preparation.
- Prepared and certified Spill Prevention Control and Countermeasures (SPCC) Plans for different industrial facilities.
- Prepared Underground Injection Control (UIC) Permits.
- Prepared Non-Hazardous Solid Waste Generating Activity (DS-3), Fugitive Dust Emission (PFE) and Control of Erosion and Prevention of Sedimentation (CES) Permits applications for construction projects.
- Prepared Environmental Evaluations (EA) for different clients for different industrial facilities.
- Prepared Air Emission Source permits applications for different industrial facilities.
- Prepared permits and reports for Waste Water Pretreatment Plants for industrial facilities.

Project Engineer-Panzardi-ERM

Jan.1999 - Dec.1999

- Participated in Environmental Evaluations for different clients.
- Prepared evaluations of client site compliance with regulatory requirements.
- Prepared SWPPP for different industrial facilities.
- Prepared and certified SPCC and Contingency Plans for different industrial facilities.
- Prepared and certified CES Plans, DS-3 and Emission Source Permits for Construction Projects.
- Prepared Soil Removal Permits.
- Prepared Underground Injection Control Permits.

Control of Erosion and Sedimentation Program - Environmental Quality Board

Feb. 1998 - Dec.1998

- Supervised Control of Erosion and Prevention of Sedimentation Program
- Developed Control of Erosion and Prevention of Sedimentation Permit application forms.
- Prepared draft of Manual of Best Practices and Specifications for the Control of Erosion and Prevention of Sedimentation.

***Staff Engineer - Permits and Regulations Administration
April 1996-Oct. 1997***

- Evaluated technical aspects of permits and complaints about uses and constructions

EDUCATION

- M.A. Environmental Management, Metropolitan University, San Juan (In progress)
- B.S. Chemical Engineer, University of Puerto Rico, Mayagüez (1992)
- Industrial Safety Course, University of Puerto Rico, Humacao (1999)

LICENCES

Professional Engineer - Puerto Rico License Number PE-13704

AFFILIATION

Colegio de Ingenieros y Agrimensores de Puerto Rico (CIAPR)
Asociación Americana de Ingeniería Sanitaria y Ciencias del Ambiente (AIDIS)

COMPUTER SKILLS

Microsoft Word, Excel, Power Point

Resume of: Guillermo E. Fulcar

Title: Project Hydrologist

Education: M..S. Water Resources. The Pennsylvania State University, USA 1990
B.S. Agricultural Engineer. The Catholic University. The Dominican Republic. 1987
J.D., University of Puerto Rico, San Juan, 2002

Professional Registration Professional Hydrologist, AIH

Professional Membership American Institute of Hydrology (AIH)

Career Summary

Mr. Fulcar is a professional hydrologist certified by the American Institute of Hydrology. Mr. Fulcar has 15 years of experience in the field of water resources, most of these years as a consultant. General field of experience include Engineering Hydrology, Hydrologic Simulation, Watershed Hydrology, and Urban Hydrology. Mr. Fulcar has extensive experience conducting hydrologic-hydraulic analyses to determine the suitability of locating development project in the floodplain, hydrologic streamflow simulation, hydraulic design of open channel, culverts, and bridge structures. Mr. Fulcar experience include simulation of both riverine and hurricane surge floodings. Simulation include both steady and unsteady flow. Mr. Fulcar has extensive experience working with computer models such as NETWORK, HEC-1, HEC-2, HEC-RAS, HEC-6, HYW-8, TR-20, etc. In addition, Mr. Fulcar has conducted a number of studies to meet compliance with local and federal law and regulations regarding the use of flood plain areas.

Mr. Fulcar has provided consulting services in water resources related problems such as tracer studies, H/H analysis, hydrologic streamflow simulation, NPDES storm water regulations. Mr. Fulcar has also been conducting environmental assessment, monitoring wells installation for hydrocarbon assessments and soil and water sampling, and lead-based paint sampling.

Specialty Experience

NPDES Storm Water Regulations

Mr. Fulcar has extensive experience working with EPA NPDES storm water regulations. Work with NPDES storm water includes site conditions evaluations, training of industries personnel on how to conduct storm water sampling, installation and/or programming hydrologic equipment such as raingage, water level indicator, flow measuring device, and automatic sampling equipment, preparation of discharge monitoring reports, filing of permits, preparation of Pollution Prevention Plans (PPPs) and personnel training on PPPs requirements.

Watershed-Hydrology

Mr. Fulcar has conducted research and completed project in watershed hydrology. Studies include streamflow sources separation using environmental isotopes and determination of hydraulic connection between different sources of water using dye-tracer.

Environmental Assessment

Mr. Fulcar has conducted numerous Environmental Assessment following EPA guidance. His major experience include conducting Phase I Environmental Assessment for Real State Transactions at industrial and commercial facilities, baseline environmental assessment, design of sampling plan and monitoring wells for hydrocarbon assessment, and underground storage tank management and removal.

Career History

Environmental Hydrology Law Consultants-Owner
Caribe Environmental Services Inc. May 1997-2006
Law Environmental-Caribe, 1991 to May 1997
The Pennsylvania State University USA, 1988-1990
Graduate Research Assistant

Representative Phase I Environmental Assessment for Real State Transactions include the following projects:

- The Condado Beach Trio, San Juan Puerto Rico. A Phase I Site Assessment was conducted at the Condado Beach Trio which consist of three structures known as The Condado Beach Hotel, Convention Center, and La Concha Hotel.
- Levi Strauss & Co., San Francisco. A Phase I Site Assessment was conducted at two sites located in the Dominican Republic. Site A was comprised of three industrial buildings; Site B was a vacant lot. Both sites were located at the Free Industrial Zone in Santiago.
- Heilig-Meyers Furniture Company, Inc. Evaluation of four manufacturing sites owned by Mueblerias Berrios in Puerto Rico.
- Oriente Industrial Park. Evaluation of two sites located in Carolina, Puerto Rico.
- Walgreen Co., Deerfield Illinois. Evaluation of the Rio Humacao Blvd. abandoned site located in Humacao, Puerto Rico.
- Dooney & Bourke. Evaluation of five manufacturing plants located at the Juan Martin Industrial Park, Yabucoa, Puerto Rico
- Bindley Western Industries, In. Evaluation of Baco Drug Distribution Center located in Caguas, Puerto Rico.
- Wyndham Hotels and Resorts. Evaluation of Palmas del Mar, a vacational resort located in Humacao, Puerto Rico.

RESUME
María Luisa Rivera-Vázquez

Urb. Bayamón Gardens
N-23 Street 13, Bayamón, PR 00957
(787)-617-3851, (787)-797-4929
Email: mluisa@coqui.net

EDUCATION:

University of Puerto Rico-Mayagüez Campus
Mayagüez, PR 00681
M.S., 12/2001
Major: Biology
Minor: Ecology
Honors: magna cum laude

University of Puerto Rico-Rio Piedras Campus
San Juan, PR 00931
B.S., 05/1991
Major: Biology
Minor: Environmental Sciences

WORK EXPERIENCE:

TerraMare Associates
Dates Employed: 01/1999-present
Position: Ecologist Consultant
Flora and fauna surveys. Jurisdiction Delimitation of Wetlands. Make reforestation plans for urban development.

Department of Environmental and Natural Resources
Terrestrial Resources Division
P.O. Box 9066600
San Juan, PR 00906-6600
Dates Employed: 06/1999-01/1999
Position: Assistant Biologist
Terrestrial census, banding, behavior observations and telemetry. Tracking of the "white cheeked pintail *Anas bahamensis*", in eastern Puerto Rico. Visual recapture (resightings) and behavioral activities were quantified to estimate movement rates and use of habitat. (Supervisor's Name: Jose L. Chabert. Phone: 787-724-8774.)

University of Puerto Rico, Mayagüez Campus
Department of Biology
Mayagüez, PR 00681
Dates Employed: 01/1996-05/1998
Position: Teaching Assistant

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María Luisa Rivera-Vázquez

Teaching general biology laboratories. Scheme and coordinate laboratory materials and conferences. Prepare students examinations. (Supervisor's Name: Dra. Ines Sastre. Phone: 787-832-4040ext2405.)

North Carolina State University
Department of Zoology
201 David Clark Labs
Raleigh, NC 27695
Dates Employed: 08/1995-11/1995
Position: Field Technician

Aquatic invertebrates surveys, water sampling, and shorebirds behavioral observations in Cabo Rojo Salt Flats, PR. (Supervisor's Name: Dr. Jaime Collazo. Phone: 919-515-8837.)

Department of Environmental and Natural Resources
Reserves and Refuges Division
PO Box 9066600
San Juan, PR 00906-6600
Dates Employed: 02/1995-06/1995
Position: Natural Resources Technician IV

Project leader of Tortuguero Lagoon Natural Reserve's sport fish restoration project. Conduct water quality studies. Development of management recommendations based on analysis and interpretation of data. Review proposal and write annual reports. (Supervisor's Name: Robert Matos. Phone: 787-724-2816.)

Department of Environmental and Natural Resources
Reserves and Refuges Division
PO Box 9066600
San Juan, PR 00906-6600
Dates Employed: 06/1992-02/1995
Position: Natural Resources Technician III

Perform studies on sport fish populations, water quality parameter, and wildlife populations of the Boquerón Wildlife Refuge in Cabo Rojo, Puerto Rico. Monitoring bird populations with emphasis on waterfowl. Acquisition and analysis of the hunting seasons data. Coordinate and conduct educational activities such as fishing tournaments. Assists in refuge's administration, activities coordination and employees supervision. Preparation of proposal and annual report (FW-8) for the Boquerón Wildlife Refuge. (Supervisor's Name: Iris L. Alameda. Phone: 787-851-4795.)

Dra. Sandra Molina, USDA Forest Service, IITF
San Juan, PR 00928-5000
Dates Employed: 02/1992-06/1992
Position: Biological Technician Aid

Preparation and assistance of soil samples for composition analysis in scientific researches. (Supervisor's Name: Dra. Sandra Molina. Phone: 787-766-5335.)

RESUME

María Luisa Rivera-Vázquez

University of Puerto Rico-Center for Environmental and Energy
Research (CEER) actually Institute of Terrestrial Ecology Division
El Verde Field Station, Luquillo, PR 00773
Dates Employed: 06/1991-08/1991
Position: Biological Technician Aid

Census and data collection of tropical birds community at El Verde Experimental Station,
Rio Grande, Puerto Rico. Sampling and classification on invertebrates (snails and insects).
Evaluation of hurricane effects over vegetation. (Supervisor's Name: Dr. Robert Waide.
Phone: 787-767-0334.)

University of Puerto Rico, Río Piedras Campus
Department of Biology, San Juan, PR 00931-3360
Dates Employed: 08/1988-05/1991

Position: Laboratory Assistant Technician
Laboratory and chemical care. Preparation of solutions and culture mediums. Collection and
maintenance of plants and animals. Audiovisual equipment assistance. Advise and supervise
student's work. (Supervisor's Name: Jose Fontanez. Phone: 787-764-0000.)

University of Puerto Rico, Río Piedras Campus
Department of Biology, San Juan, 00931-3360
Dates Employed: 06/1988-07/1988

Position: Teacher Assistant
Dr. Byers' assistant for ecology course, preparation of test and materials for students.
Preparation and classification of collected plants for herbarium. (Supervisor's Name: Dr.
Michael Byer. Phone: 787-764-0000.)

JOB-RELATED TRAINING COURSES:

FWS Internship Sept.- Dec. 1991
Natural Areas in Latin America Internship for people working in protected areas offer by
Ducks Unlimited of Mexico and Fish and Wildlife Service in Monterrey, Mexico.

JOB-RELATED SKILLS:

First Aid and Rescue Training.
Computer use skills: Excel, Minitab, Statview, Adobe Photoshop, Powerpoint, Word Perfect.

JOB-RELATED CERTIFICATES AND LICENSES:

Trimble GPS certified.
Navigation license.

JOB-RELATED MEMBERSHIPS:

CHELONIA-Herpetology Society of Puerto Rico.
SOPI-Ornithology Society of Puerto Rico.

MANUELITA MUÑOZ RIVERA
GARDEN COURT D-9 ESPAÑA
GUAYNABO, PUERTO RICO 00966
(787) 793-4264

CURRICULUM VITAE

HISTORIAL ACADÉMICO

Universidad Complutense de Madrid
Diploma de Estudios Avanzados
Programa de Doctorado
Estudios de Derecho Público y Privado

Georgetown University Law Center
Maestría en Derecho Tributario

Universidad de Puerto Rico
Juris Doctor (Cum Laude)

Universidad de Puerto Rico
Bachillerato en Administración Comercial
Finanzas y Contabilidad (Cum Laude)

EXPERIENCIAS PROFESIONALES

1999 al presente

Universidad Interamericana de Puerto Rico
Facultad de Derecho
Catedrática
Presidente - Comité de Acreditación
Miembro - Comité Ejecutivo Senado Académico

1996 - 1999

Universidad Interamericana de Puerto Rico
Vicepresidenta Gerencia, Finanza y Servicios Sistémico

1985 - 1994

Citicorp / Citibank
Asesor Corporativo para Acatamiento
Asesor Legal - Mid Atlantic Region
Asesor Legal - Caribbean Region
Asesor Contributivo

1992	<i>Congreso de los Estados Unidos Cámara de Representantes Oficina del Comisionado Residente para Puerto Rico Chief of Staff - Washington D.C.</i>
1983 - 1985	<i>Bufete Vicente Zayas Puig Asesora Legal</i>
1981 - 1983	<i>Bufete Trías, Doval, Acevedo Asesora Legal</i>
1979 - 1980	<i>American University Decana - Recinto de Dorado</i>
1970 - 1979	<i>Abogada - Práctica Privada</i>

ASOCIACIONES PROFESIONALES

- *Colegio de Abogados de Puerto Rico*
- *American Bar Association*
- *Corte de Circuito de los Estados Unidos*

ACTIVIDADES ACADÉMICAS Y PROFESIONALES

*Citicorp Executive Development Center -
Managing People, Managing the Press Credit and Risk,
Treasury, Security Products*

*The Institute of Advanced Legal
Studies, University of London -
The Banking System of the Republic of Cuba
The "Know your Customer" Requirements
under the laws of the United States*

*Periódico El Nuevo Día
La Responsabilidad de los Directores
y Oficiales Corporativos*

*Autoridad para el Financiamiento de
Facilidades Industriales, Turísticas, Educativas
Médicas y de Control Ambiental de Puerto Rico -
Banco Gubernamental de Fomento
Junta de Directores - Vicepresidenta*

*Eighteen International Symposium on Economic Crime -
Jesus College, University of Cambridge - 2000*

*Primer Simposio sobre Delitos Económicos -
Facultad de Derecho de la Universidad Interamericana
Coordinadora y Presentadora - 2003*

*Conferencia Internacional para el
Equilibrio del Mundo
Havana, Cuba - 2003
Ponencia Presentada = Influencia
De Martí en el Caribe*

*Seminario sobre la Ley Sarbanes Oxley -
Asociación de Bancos de Puerto Rico - 2002*

*Foro sobre Corrupción - Oficina de
Ética Gubernamental - 2003*

*El Contralor en el Ordenamiento Jurídico -
Conferencia Don Fernando Lolas Stiphe - 2003*

*Conferencia Magistral de Derecho Civil José R. Vélez Torres -
Dr. Don Diego Espín Canóvas - 2001*

*Seminario de Informática y Telecomunicaciones -
"Plataforma para la Transformación -
República Dominicana - 1997*

Ciudadana del Año - Concilio Niños Escuchas - 1989

*Junta de Subastas del Municipio de San Juan
Miembro - 1995*

*Grupo Diálogo Nacional - Nuestro Quehacer Social,
Económico y Político - Miembro desde 1995*

*Grupo Network - Desarrollo Profesional y Personal -
Fundadora*

*Fundación Amigos del Conservatorio de Música -
Directora 2002 - 2004*

*Fundación Muñoz Marín -
Miembro desde 1994*

*Asociación Pro- Orquesta Sinfónica de Puerto Rico
Miembro desde 1995*

*Facultad de Derecho - Universidad Interamericana
Programa de Verano - España, Venecia e Inglaterra
Coordinadora - 2002 al 2003*