



MEMORANDUM

Agenda Item No. 14(B)1

TO: Honorable Chairwoman Rebeca Sosa, and
Members, Board of County Commissioners

DATE: October 22, 2013

FROM: Christopher Agrippa, Division Chief
Clerk of the Board Division

SUBJECT: Nominations for appointment
to the Miami-Dade Sea Level
Rise Task Force

The Miami-Dade County Board of County Commissioners' adoption of Resolutions R-599-13 and R-744-13 provides for the creation of a seven (7) member Task Force for the purpose of ensuring that Miami-Dade County is taking all appropriate actions to reduce its contributions to climate-induced sea level rise and ensure its resiliency to the increase in sea level rise, storm surge and related impacts which are expected to occur.

The Task Force will be comprised of experts in the fields of civil engineering and infrastructure, community and real estate development, climatology or related field, emergency management, economics and a representative of the community at-large.

Resolution R-599-13 provides that the Board of County Commissioners appoint from a list of qualified nominees, as recommended by Clerk Harvey Ruvin, the members of the Miami-Dade Sea Level Rise Task Force, and further that the Chair and Vice-Chair of the Task Force be selected on the same day members are appointed.

Attached are copies of memoranda from the Honorable Chairwoman Rebeca Sosa dated October 22, 2013, and from the Honorable Harvey Ruvin, Clerk of Courts, dated October 1, 2013.

The names and resumes of the nominees are attached for your review and consideration.

CA/sm
Attachments

MEMORANDUM

To: Board of County Commissioners

Date: Oct. 22, 2013

Rebeca Sosa, Chair
Board of County Commissioners



Subject: Miami-Dade Sea Level Rise Task Force

Pursuant to Resolutions R-599-13 and R-774-13, I am attaching Clerk Ruvin's memo dated Oct. 1, 2013; I recommend the Board's approving the memberships outlined therein and naming Clerk Ruvin as Chair and Jim Murley as Vice-Chair.

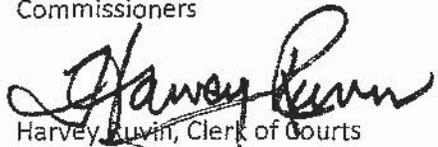
This Task Force is critical to our future and I am proud to move this issue forward.

Attachment.

MEMORANDUM

To: Rebeca Sosa, Chair
and Members, Board of County
Commissioners

Date: October 1, 2013

From:  Harvey Ruvin, Clerk of Courts
Clerk of the Board

Subject: Membership of the Miami-Dade Sea Level
Rise Task Force (M-D SLRTF)

Pursuant to Resolutions R-599-13 and R-774-13, I herewith submit the names along with attached resumes of the following nominees for the Board's consideration and action.

1. Harvey Ruvin
2. Jim Murley- (Emergency Management and Resilience)
3. Arsenio Milian, P.E. – (Civil Engineer)
4. T. Willard Fair – (Community and Real Estate)
5. David Enfield, Ph.D. – (Climatology)
6. Sara E. Fain, Esq. - (At Large)
7. Jorge Gonzalez – (Economics)

Considerable thought and efforts have been expended in forming the above list so as to make sure that the areas of expertise and diversity are met.

I am looking forward to formally establishing the membership and commencing the important work of this Task Force.

JAMES F. MURLEY

On November 7, 2011 Jim Murley accepted the position of Executive Director of the South Florida Regional Planning Council after accepting the position of Interim Executive Director on September 12, 2011. On June 1, 2011, Jim Murley accepted the position of Project Director for the Southeast Florida Regional Partnership, a collaborative regional planning activity funded by a three year, \$4.25 million grant from the U.S. Department of Housing and Urban Development. The Partnership is a collaboration of the South Florida and Treasure Coast Regional Planning Councils in cooperation with over 200 public, private, not for profit and civic organizations covering a geographic area from Key West to Vero Beach and representing a population of over 6.2 million people. Murley also serves as Deputy Executive Director of the South Florida Regional Planning Council.

From 1999 to 2011, Murley served in various positions at Florida Atlantic University (FAU). In 2009, he was appointed Assistant Dean for External Relations for the College for Design and Social Inquiry at FAU. His responsibilities included working with the Dean, faculty and students to further their involvement in civic activities throughout the South Florida region and educating public and private leaders on the resources available at the College. In addition, he served as Senior Advisor for Energy and Climate Change with the Florida Center for Environmental Studies, College of Science. In that capacity he assisted the University's interdisciplinary initiatives in climate change adaptation and offshore renewable energy.

Murley first came to FAU in 1999 as Director of the University's Center for Urban and Environmental Solutions (CUES). With the support of the National Commission on Energy Policy (NCEP) the Center produced a study entitled "Florida Resilient Coasts: A Statewide Policy Framework for Adapting to Climate Change." The Center completed a sequel study entitled "Southeast Florida's Resilient Water Resources: Adaptation to Sea Level Rise and other impact from Climate Change." The Center also conducted a five year program of applied regional research with support of the John D. and Catherine T. Mac Arthur Foundation.

Murley is a Fellow in the National Academy of Public Administration. He has served on several study panels for the Academy including reviews of the National Marine Sanctuary Program and a three year study for the Environmental Protection Agency on how issues of environmental justice are addressed at the federal, state and local government levels. Recently, Murley participated on an Academy panel requested by the United State Congress to review the proposed National Climate Service in the National Oceanic and Atmospheric Administration, United States Department of Commerce.

Murley serves on a number of organizations focused on finding solutions to climate change challenges facing Florida. He served as Vice Chair of the Miami Dade County Climate Change Advisory Task Force and is a member of the Broward County Climate Change Task Force. In 2008 he was appointed by Governor Charlie Crist as the first Chair of the Florida Energy and Climate Commission. The Commission was charged with implementing over \$180 million in federal economic recovery funds from the United States Department of the Energy.

Murley first joined the Florida Department of Community Affairs (DCA) in 1983 as its Director of Resource Planning and Management. In 1987, Murley left the Department to head 1000 Friends of Florida, a not-for-profit public interest group that works to promote sensible planning, economic development and environmental preservation. Murley was then appointed Secretary of DCA in 1995, by Governor Lawton Chiles. As Secretary, Murley oversaw the Department's growth management functions, including the Key West and Florida Keys Areas of Critical State Concern. He directed the state emergency management operations during the landfall of four hurricanes in 1998. He also directed the Department's housing and urban development programs and served on the Board of Directors for Florida Housing Finance Agency and the Florida Communities Trust.

Before coming to Florida, he worked for the National Atmospheric and Oceanographic Administration in coastal zone management. He continues his love for oceans and coasts by serving as Secretary of the Board of Directors of the Florida Ocean Alliance (FOA). FOA published a July, 2009 report, "Moving Ahead: The Next Step in Ocean Management in Florida", calling for improved management of Florida's ocean and coastal resources. In 2011, the FOA released a follow up report at their annual Florida Oceans Day entitled, "Oceans of Opportunity: Managing the Uses of Florida's Ocean Spaces." In 2001, Murley received FOA's initial Ocean Champion award presented by Jean-Michael Cousteau of the Ocean Futures Society. He also serves as Chair of the national Board of Directors of the Coastal States Stewardship Foundation (CSSF). The CSSF partners with the Coastal States Organization to provide coastal states with opportunities to engage in public private partnerships and secure non traditional sources of funding and expertise for their endeavors.

Murley is a member of the Board of Directors of the Seaside Institute and a member of the South Florida Water Management District's Water Resource Commission. He served on the Board of Directors of the Broward Housing Coalition and was a member of the Vision Broward Steering Advisory Committee. He is an alumnus of Leadership Florida, Class IX and named to the Achievement Hall of Fame of Chagrin Falls, Ohio High School Alumni organization. He graduated with a BA degree in political science from Denison University in Ohio and a JD in land use and environmental law from George Washington University in Washington, D.C. Murley received a Bronze Star for Service with the US Army in Vietnam.

ARSENIO MILIAN, P.E.
PRESIDENT

PROFESSIONAL SPECIALIZATION

Florida Professional Engineer No. 13134.

Environmental and Civil Engineering, management, design, permitting of land development projects, utility infrastructure and solid waste systems.

RELEVANT EXPERIENCE

Planning, design and construction of land development, roadway, and drainage projects. Coordinated preparation of DRI for new developments. Participated in design of wastewater collection, pumping, treatment and disposal system and paving and drainage for large commercial business site. Participated and directed negotiations with key members of various regulatory agencies in the procurement of permits required for the construction and operation of numerous utility facilities. Supervised the design and construction of wastewater treatment plants ranging in capacities from .70 MGD to 2.5 MGD. Participating in development of stormwater master plan for the City of Hialeah and in the National Pollutant Discharge Elimination System (NPDES) permitting process for the City of Miami.

EDUCATION

Bachelor of Civil Engineering
Master of Engineering

University of Florida -1967
University of Florida -1968

MEMBERSHIPS (Past and Present)

- American Waterworks Association
- American Society of Civil Engineers
- Citizens for a Better South Florida - President
- Florida Waterworks Association
- Miami River Stormwater Sub-Committee - Chair
- City of Miami Planning Advisory Board
- Dade County's West Wellfield - Policy Advisory Committee
- Dade County's Environmental Endangered Land Acquisition Committee
- Environmental Education Foundation of Florida - Board of Directors
- Miami River Coordinating Committee - Board Member
- The National Audubon - Board of Directors
- The Nature Conservancy, Florida Chapter - Board of Trustees
- South Florida Water Management District - Governing Board
- State Environment Land Management Study Committee (ELMS III)
- 1000 Friends of Florida - Board of Directors
- The Wilderness Society - Governing Council
- Water Pollution Control Federation
- University of Miami-Dept. of Civil, Architectural, & Environmental Engineering Advisory Board
- Florida International University- College of Arts & Sciences Advisory Board

AWARDS

- 2013 Urban Environmental League "Orchid" Award
- 1997 National Hispanic Environmental Council
- 1995 Governor's Environmental Education Award
- 1994 Conservation Award - Everglades Coalition
- 1991 Sustainable Development Award - Global Tomorrow Coalition
- 1991 Thomas Barbour Medal - Fairchild Tropical Garden
- 1990 Conservation Award - Tropical Audubon Society



MORE RELEVANT EXPERIENCE

Environmental Permitting

Participated and directed negotiations with key members of various regulatory agencies in the procurement of permits required for the construction and operation of numerous utility and stormwater facilities. Recent projects include the environmental assessment of wetland impacts related to the Phase I of the West Wellfield for the Miami-Dade Water & Sewer Department (MDWASD); provided support for the Master Dewatering Permit for STA-5 and the STA-5 Discharge and Outlet Canals for construction of levees, structures, canals, etc.; Watershed Dewatering Permit Extension for the Miami International Airport NW Corner including Water Use Permit Application; applied for and obtained numerous Class IV and ERP permits from the Department of Environmental Resources Management (DERM), the U.S. Army Corps of Engineers (ACOE), the Department of Environmental Protection (DEP) and the South Florida Water Management District (SFWMD). Other projects include preparation of restoration and mitigation plans for wetlands impacts.

Directed and supervised the preparation and regulatory approval of several stormwater management plans for construction debris landfill installations.

Stormwater Utility Systems

Participating in development of stormwater master plan for the Wagner Creek Watershed of the City of Miami.

Participated in the National Pollutant Discharge Elimination System (NPDES) permitting process for the City of Miami, with responsibilities including the identification and evaluation of regulatory and permitting programs affecting stormwater management practices, development and evaluation of public information programs, assessment of operation and maintenance activities, and obtained outside funding for portions of the program.

Developed a preliminary needs analysis for several municipalities in Miami-Dade County by analyzing available information.

Participated in the first phase of a stormwater utility system for Miami-Dade County, with responsibilities related to the analysis of administrative, operating and maintenance costs, prioritizing system requirements, and creation of stormwater utilities for the City of Coral Gables and the City of Miami Beach.

Utility Management

As former President of one of the largest privately-owned Utility Companies in the State of Florida, responsible for the preparation and control of all capital and operational budgets of the Utility Divisions. Directed, analyzed and made recommendations for long range planning, feasibility studies and rate increase applications. Defined organizational structure and achieved improved productivity. Responsible for the management and coordination of all engineering staff, establishment of basic design criteria to be used for all network systems and treatment facilities. Managed the operation and construction of the numerous water and wastewater treatment facilities for all Deltona Corporation planned communities in the State of Florida. Treatment processes included lime softening, iron removal, and different modes of the activated sludge treatment.

Utility Alternative Revenue Sources

Developed other revenue sources for water and wastewater utilities, in particular wastewater disposal products, including effluent and sludge, and supervised rate studies to support sales fees. Led and participated in negotiations with end users on pertinent issues including shared benefits, required utilization, and product quality and liability.



Utility System Valuations

Supervised and directed performance of system valuations, including performance of replacement cost studies, reproduction cost studies, and original cost studies.

Engineering - General

Planning, design and construction of land development, roadway, and drainage projects. Coordinated preparation of relevant parts of DRI for new developments. Worked closely with local, regional, state and federal agencies. Design of wastewater collection, pumping, treatment and disposal system and paving and drainage for large commercial business site.

Participated and visited several Central and South American Countries in order to conduct on-site inspections and make recommendations for the preservation, protection and improvement of environmental quality of natural systems and existing wastewater systems.

Water Systems - Community Development

Resource management planning, design, construction and permitting of water systems including location and assessment of underground potable water sources, water supply wellfields, treatment, storage and high service pumping, transmission and distribution for all Deltona Corporation communities. Treatment systems included planning and design of lime softening and iron removal plants.

Wastewater Systems

Planning, design, construction and permitting of wastewater treatment plants ranging in capacities from .70 MGD to 2.5 MGD, included trickling filters, extended aeration, contact stabilization and activated sludge processes. Design, certification and construction management of wastewater collection systems, lift stations, and force mains.

Solid Waste

Participated in the development of a solid waste management master plan for Miami-Dade County, which required the assessment of alternatives to solid waste disposal. Responsibilities included providing information to the public, acting as liaison with Citizens' Task Force, organizing and supervising the waste stream composition analysis, establishing goals, objectives, and alternative evaluation criteria.



▶ THE ACTIVIST

▶ THE EDUCATOR

▶ THE LEADER

T. Willard Fair

T. Willard Fair is President and Chief Executive Officer of the Urban League of Greater Miami, Inc. A powerful voice in the effort to improve his community, he has worked for the Urban League since September, 1963.

Fair is academically and professionally prepared, having attended local elementary and high schools in his native home of Winston-Salem, North Carolina. He received a B.A. degree in Sociology, graduating Cum Laude, in the top 10% of his class, from Johnson C. Smith University in 1961. He received a M.S.W. degree from Atlanta School of Social Work in 1963.

Fair has served as an adjunct professor at the Atlanta University School of Social Work, Bethune-Cookman College, Florida International University, and the National Urban League's Whitney M. Young, Jr. Center for Urban Leadership.

Fair's published works include articles in the Miami Herald, Miami Magazine, and Tropic Magazine. He has been a host of both radio and television programs. As an analyst on some of the pressing issues of the day, he has been interviewed by 60 Minutes, Tom Brokaw Show, Ebony Magazine, and National Geographic. Fair was selected "Icon of the Month" by Florida Trend Magazine, the magazine of Florida business, September 2006.

Fair has met with four different Presidents of the United States, relative to issues of Concern to Black Americans.

He was appointed by former Secretary of State, Colin Powell, to the United States' Advisory Committee on Cultural Affairs, where his responsibilities included visiting American embassies in Egypt, Oman and the United Kingdom to promote cultural diplomacy. He served on the United States People to People Ambassadors Program and traveled to Cuba to discuss issues related to child welfare and education.

In 2010, he was appointed by President Barak Obama to the President's Commission on White House Fellowships-Miami Regional Selection Panel, reappointed in 2011.

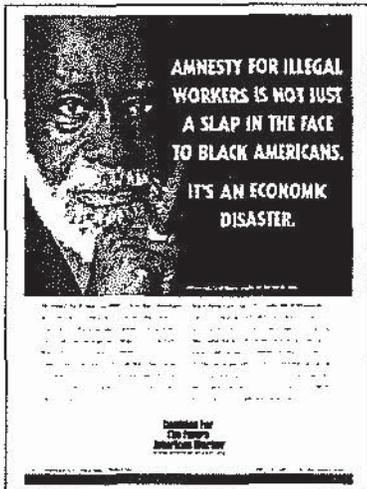


If I had to label "me", I would call myself a "Radical." "Radical" is the Latin word for "root." And I always focused on the root causes, rather than the symptoms.

Never wanting to be a problem describer, always trying to be a solution finder . . ."



Lifetime Member



National Campaign Chaired by T. Willard Fair on the impact of legal & illegal immigration on Black America (Amnesty Ad 2010)

◀ Member of the Board of Directors' of the Center for Immigration Studies. As a member, Fair testified before congressional committees on the impact of legal and illegal immigration and the effects on Black America.



Fair's 200, plus, service and recognition awards include: Family Christian Association of America (FCAA) Presidential Excalibur Award; The Greater Miami Region of the National Conference of Christians and Jews Community Service Award, 1995; Phillip Morris Companies, Inc. Community Service Award, 1992; The National Network for Social Work Managers, Inc., 1989 Award; Exemplar Award for Exemplary Leadership as a Change Agent, Coalition Builder, Creative Activist Award; and the Greater Miami Chamber of Commerce Leadership Award. He is also listed in "Who's Who Among Black Americans." ; State of Florida's Outstanding Citizen Award; National Council for Community and Educational Partnerships (NCCED), State of Florida 2003; Whitney M. Young, Jr. National Urban League Living Legend Award 2007, Bethany Seventh-day Adventist Church Outstanding Service Award; Johnson C. Smith University Distinguished Alumnus Award, May 2007; Florida's Champion for Children Award, Office of Independent Education and Parental Choice, Florida Department of Education; 2011 National State Boards of Education (NASBE) Distinguished Service Award to Public Education; Alpha Kappa Alpha Sorority Social Justice and Human Rights Award, April 2011; 50 Most Successful/Influential Black Business Executives in South Florida, 2013; Miami's Living Legend; MCCJ Silver Medallion Humanitarian Award, March 2013; William R. Sutton Humanitarian Award, 2013;

Fair is co-founder with former Florida State Governor Jeb Bush, of the Liberty City Charter School; the first charter school organized in the State of Florida.

Educational Leadership Service

Immediate Past Chairperson of the Florida State Board of Education

Past Board Member of the Board of Directors of Florida International University

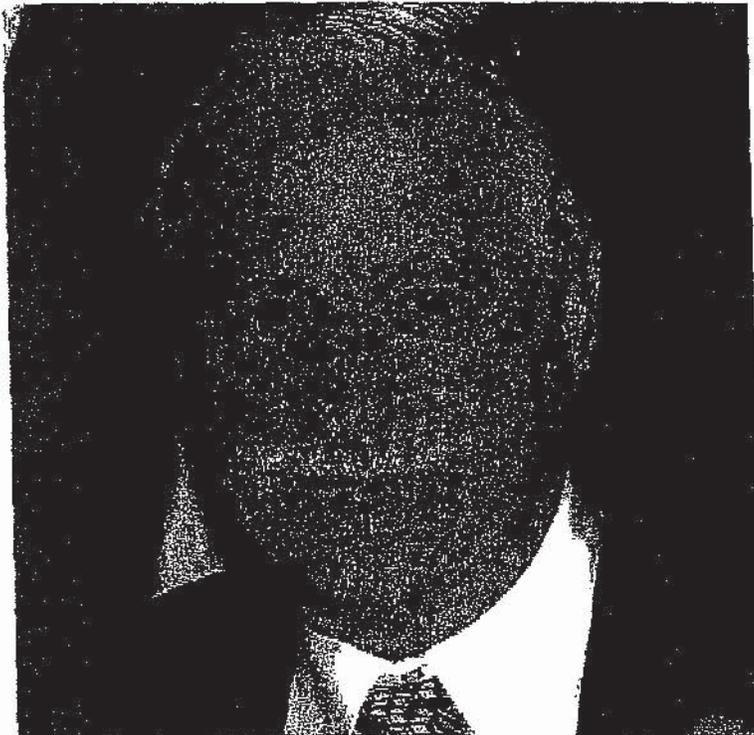
Past Board Member of the Board of Directors of Miami Dade College

- More.....Current & Former Leadership Positions.....**
- Chairman, Miami-Bayside Foundation BOD
 - Black Alliance for Educational Options (BAEO) BOD
 - Performing Arts Community Trust (PACT) BOD&EC
 - Association of American Colleges and Universities Forum Leadership Team
 - Greater Miami Convention & Visitors Bureau BOD & Executive Committee
 - Member, Miami Business Forum Board of Directors'
 - Former President , Johnson C. Smith National Alumni Association
 - U.S. Army Community Advisory Board
 - Magic City Children's Zone, Board of Director's

Appointed by Governor Jeb Bush and re-appointed by Governor Charlie Christ to serve as Chairman of the corporate board for the Florida educational system, K-12 and community colleges where the total enrollment in Florida's K-12 system is in excess of 2.6 million and the total enrollment in Florida's community college system is in excess of 700,000 students. The total educational budget for the system is in excess of \$20 billion dollars

Last updated: Tuesday, April 14, 2009 .

Dr. Enfield graduated in Physics and Geophysics from the University of California (Berkeley) in 1965. Following a stint in the Peace Corps teaching undergraduate Physics at a Chilean university (1965-1967), he obtained M.S. and Ph.D. degrees in Physical Oceanography at Oregon State University (OSU) in 1970 and 1973. He worked two years each as UNESCO Expert in Physical Oceanography in Ecuador (1973-1975) and as Scientific Liaison for the IDOE Coastal Upwelling Ecosystems Analysis (CUEA) Program in Peru (1975-1977). From 1977 through 1987 he did research and graduate teaching at Oregon State University, eventually becoming Associate Professor on the OSU academic faculty. Since 1987 he has been a Research Oceanographer at the NOAA Atlantic Oceanographic and Meteorological Laboratory in Miami, Florida, and has more than 60 refereed publications to his credit. In late 2008 he retired from government service and was presented with NOAA's prestigious Distinguished Career Award for seminal research in climate. He now continues to do climate research at the Cooperative Institute for Marine and Atmospheric Studies at the University of Miami's Rosenstiel School of Marine and Atmospheric Science. His research interests include El Niño-Southern Oscillation, Atlantic Ocean variability, and their interactions with western hemisphere climate fluctuations.



BIOGRAPHICAL SKETCH

Name: DAVID B. ENFIELD **Born:** 10 June 1941, Hollywood, California (U.S. citizen)

Education:

A.B., University of California, Berkeley (Geophysics/Physics)	1965
M.S., Oregon State University (Physical Oceanography) Thesis: <i>A Mesoscale Study of Coastal Currents and Upwelling off Peru</i>	1970
Ph.D., Oregon State University (Physical Oceanography) Thesis: <i>Prediction of Hazardous Columbia River Bar Conditions</i>	1973

Professional Service:

UNESCO expert at the Naval Oceanogr. Inst. of Ecuador. Developed research programs & taught physical oceanography at ESPOL university.	1973-1975
Scientific Liaison Officer for the NSF/IDOE/CUEA JOINT-II Upwelling experiment in Peru. Coordinated scientific/logistical activities for Peru expt.	1975-1977
Research Associate, School of Oceanography, Oregon State University	1977-1981
Assistant Professor (Sr. Research), School of Oceanography, Ore. St. Univ.	1981-1983
Assistant Professor (tenure track), School of Oceanography, Ore. St. Univ.	1983-1987
Associate Professor (tenure track), College of Oceanography, Ore. St. Univ.	1987
Research Oceanographer, NOAA Atlantic Oceanog. and Met. Lab. (AOML)	1987-2008
Scientist, Cooperative Institute for Marine & Atmospheric Science	2009-present

Memberships: AGU, AMS, Phi Kappa Phi, Sigma Xi

Recent refereed publications (1999 - 2012):

- Lee, S.-k., R. Atlas, D. B. Enfield, C. Wang, and H. Liu, 2013: Is there an optimal ENSO pattern that enhances large-scale processes conducive to tornado outbreaks in the U.S.? *J. Climate*, in press.
- Larson, S., S.-K. Lee, C. Wang, E.-S. Chung, and D. B. Enfield, 2012: Impacts of non-canonical El Niño patterns on Atlantic hurricane activity. *Geophys. Res. Lett.*, doi:10.1029/2012GL052595, in press.
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- Liu, Y., S.-k. Lee, B. A. Muhliling, J. T. Lamkin, and D. B. Enfield, 2012: Significant Reduction of the Loop Current in the 21st Century and Its Impact on the Gulf of Mexico, *J. Geophys. Res.*, 117, C05039, doi:10.1029/2011JC007555.
- Lee S.-k., W. Park, E. van Sebille, M.O. Baringer, C. Wang, D. B. Enfield, S. Yeager, and B.P. Kirtman, 2011: What Caused the Significant Increase in Atlantic Ocean Heat Content Since the mid-20th Century? *Geophys. Res. Lett.*, L17607, doi:10.1029/2011GL048856.
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- Munoz, E., and D. B. Enfield, 2011: The boreal spring variability of the Intra-Americas low-level jet and its relation with precipitation and tornadoes in the eastern United States. *Climate Dynamics*, 36, DOI 10.1007/s00382-009-0688-3.
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- Jury, M.R., and D. B. Enfield, 2010: Environmental patterns associated with active and inactive Caribbean hurricane seasons. *J. Climate*, **23**, 2146-2160.
- Muñoz, E., C. Wang, D.B. Enfield, 2010: The Intra-Americas Sea springtime surface temperature anomaly dipole as fingerprint of remote influences. *J. Climate*, **23**, 43-56.
- Lee, S.-K., D.B. Enfield and C. Wang, 2008. Why do some El Niños have no impact on tropical North Atlantic SST? *Geophys. Res. Lett.*, doi:10.1029/2008GL034734.
- Wang, C., S.-K. Lee, and D.B. Enfield, 2008: Climate response to anomalously large and small Atlantic warm pools during the summer. *J. Climate*, **21**, 2437-2450.
- Wang, C., S.-K. Lee, and D.B. Enfield, 2008: Atlantic warm pool acting as a link between Atlantic multidecadal oscillation and Atlantic tropical cyclone activity. *Geochem. Geophys. Geosyst.*, special issue: Interactions between climate and tropical cyclones on all timescales. **9**, Q05V03, doi:10.1029/2007GC001809.
- Lee, S.-K., D. B. Enfield, and C. Wang, 2007: What drives the seasonal onset and decay of the Western Hemisphere Warm Pool? *J. Climate*, **20**, 2133-2146.
- Wang, C., S.-K. Lee, and D.B. Enfield, 2007: Impact of the Atlantic warm pool on the summer climate of the Western Hemisphere. *J. Climate*, **20**, 5021-5040.
- Mestas, A. M., D.B. Enfield, and C. Zhang, 2007: Water Vapor Fluxes over the Intra-Americas Sea: Seasonal and interannual variability and associations with rainfall. *J. Climate*, **20**, 1918-1930.
- Enfield, D.B., and L. Cid-Serrano, 2006: Projecting the risk of future climate shifts. *Int'l J. of Climatology*, **26**(7):885-895.
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- Enfield D.B., S.-K. Lee, and C. Wang, 2006: How are large Western Hemisphere Warm Pools formed? *Progress in Oceanography*, **70**(2-4), 346-365.
- Lee, S.-K., D.B. Enfield, and C. Wang, 2005: OGCM sensitivity experiments on the annual cycle of Western Hemisphere Warm Pool. *JGR-Oceans*, **110**. doi:10.1029/2004JC002640.
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- Wang, C., and D.B. Enfield, 2003: A Further Study of the Tropical Western Hemisphere Warm Pool. *J. Climate*, **16**(10), 1476-1493.
- Brenes, C.L., J.E. Coen, D.B. Chelton, D.B. Enfield, S. León, and D. Ballester, 2003: Wind driven upwelling in the Gulf of Nicoya, Costa Rica. *Int. J. of Remote Sensing*, **24**, 1127-1133.
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- Enfield, D.B., 2001: Evolution and historical perspective of the 1997-1998 El Niño-Southern Oscillation event. *Bull. Mar. Sci.*, **69** (1): 7-25.
- Wang, C., and D.B. Enfield, 2001: The tropical western hemisphere warm pool. *Geophys. Res. Lett.*, **28**, 1635-1638.
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- Enfield, D.B. and A.M. Mestas-Núñez, 1999: Multiscale variabilities in global sea surface temperatures and their relationships with tropospheric climate patterns, *J. Climate* **12**, 2719-2733.
- Enfield, D.B., and E.J. Alfaro, 1999: The dependence of Caribbean rainfall on the interaction of the tropical Atlantic and Pacific Oceans, *J. Climate.*, **12**, 2093-2103.

Sara Elizabeth Fain
1172 S. Dixie Hwy, #246, Miami FL 33146
sara@evergladeslaw.org * 786-942-7680

WORK EXPERIENCE

Everglades Law Center, Miami FL January 2012 – Present
Executive Director (April 2013 – Present); Senior Staff Attorney (February 2012 – April 2013)

- Provide legal counsel and representation to environmental and community organizations on a wide range of issues including Miami-Dade County environmental protection and growth management, land use, water management, and Everglades restoration.
- Engage and educate elected officials, agency decision-makers, and the general public about Everglades restoration and compatible urban uses with our local environment.
- Oversee and coordinate all aspects of budgeting, financial management, and fundraising

National Parks Conservation Association, Hollywood FL April 2006 – June 2010
Everglades Restoration Program Manager (June 2007—June 2010)

- Managed the Everglades Restoration program, designed and implemented advocacy campaigns, and served as an Everglades expert for partners and decision-makers.
- Engaged and utilized local and national media relationships and tools to advance NPCA's message.
- Identified funding opportunities, wrote proposals and reports, and visit donors.
- Served as National Co-chair of the Everglades Coalition from March 2008 – March 2010.

Biscayne Restoration Program Analyst (April 2006—June 2007)

- Designed and implemented programs to protect Biscayne National Park resources and surrounding lands.
- Conducted research and analysis of and write comments on national park planning documents, restoration plans, and Everglades-related legal and policy documents.
- Created outreach and media tools to educate elected officials, the public, and grassroots individuals. Coordinated NPCA role in public meetings and deliver testimony at hearings.
- Identified and engaged members, local park stakeholders, and decision-makers in effort to protect Biscayne National Park and Everglades National Park.

Adorno & Yoss, P.A., Coconut Grove, FL May – Aug 2003
Litigation Law Clerk

- Researched and wrote memoranda on legal issues for commercial litigation department
- Co-authored two articles for national bankruptcy organization newsletter AIRA

Center for Sustainable Fisheries, RSMAS, University of Miami Oct 2001 – June 2002
Environmental Communications Consultant

- Jointly created, wrote, and designed a Fisheries Education Module for use by high school teachers.
- Wrote all initial text for CSF website

Charles Darwin Research Station, Galapagos Islands, Ecuador Sept 1999 – Aug 2001
Environmental Outreach Project Manager

- Coordinated public outreach, fundraising, and advocacy efforts for visitors, tourism agencies, and government
- Wrote and edited materials for CDRS web site--created over 7,000 individual web pages
- Developed and managed on-board conservation programs for tourist vessels
- Assisted in media relations, including press releases, email responses, and film crew visits
- Developed and designed public materials for distribution throughout the national and international community

WORK EXPERIENCE CONTINUED

- The Presidio Trust, Presidio National Park, San Francisco, CA** Aug 1998 – Sept 1999
Environmental Project Coordinator
- Coordinated Environmental Sustainability Projects for the Presidio National Park on such topics as clean transportation, waste reduction, "green" building, and energy efficiency
 - Developed public materials and reports on the Sustainability Division
 - Created and managed the Trust's first Summer Internship Program

EDUCATION

University of Miami School of Law, Miami FL Aug 2002 – May 2005
Juris Doctor, magna cum laude, May 2005

Honors: Order of the Coif, Dean's Merit Scholar; CALI Excellence for the Future Award (Marine Ecology and the Law); Dean's Certificate of Achievement (Torts, International Environmental Law; Alternate Dispute Resolution).

Activities: Articles and Comments Editor, *University of Miami Law Review*; Vice President, *Environmental Law Society*; Chairwoman, *Law Activity Fee Allocation Committee*.

University of Miami Rosenstiel School of Marine & Atmospheric Science Aug 2002 – May 2006
Master of Arts (Marine Affairs and Policy), May 2006

Brandeis University, Waltham, MA Aug 1994 – May 1998
Bachelors of Arts, cum laude, Anthropology, May 1998

ADDITIONAL SKILLS AND ACTIVITIES

Bar Certification: The Florida Bar
Language Skills: Fluent in Spanish

Executive Committee Member, Seven50 / Southeast Florida Regional Partnership (2012—Present)
Regional Council Member, National Parks Conservation Association (2011—Present)
Alumni Association Board Member, University of Miami RSMAS (April 2012 – Present)
National Co-Chair, Everglades Coalition (April 2008 – April 2010)
Florida Greenways and Trails Council Member (2008-2009)
Water Resources Advisory Council Member, South Florida Water Management District (2006-2010)

Executive Biographies



Jorge Gonzalez

- Miami native
- Professional career:
 - 26 years of experience in the banking industry
 - City National Bank of Florida (4 years)
 - Joined City National Bank in January 2009 and was named Chief Executive Office in July 2010
 - Wachovia (19 years)
 - Regional President – Florida South Region
 - Regional President – Dade, Monroe and Broward Counties
 - Creekwood Capital (2 years) and Veriens-und-West Bank (1 year)
- Community Involvement:
 - Executive Committee & Board Member: United Way of Miami, YPO (Membership Chair)
 - Board member: Museum of Contemporary Art, Miami Beach Chamber of Commerce, Greater Miami Chamber of Commerce, Florida International University Foundation
- Education:
 - B.S. in Finance and International Business, Florida International University
 - Kenan-Flagler Business School Executive Leadership Training Program, University of North Carolina

Gonzalo Acevedo

- Professional career:
 - 21 years of experience in the banking industry
 - City National Bank of Florida (1 year)
 - Managing SVP/Director, Private Client Group
 - SunTrust Private Wealth Management (2 years)
 - SVP and Ultra High Net Worth Group Leader
 - HSBC Private Bank (5 years)
 - SVP and Southeast U.S. Regional Managing Director
 - Bank of America/U.S. Trust (4 years)
 - SVP, Wealth Management
 - ABN AMRO / LaSalle Broker Dealer Services (2 years)
 - Investment Banker / VP, Product Origination Mgr.
 - Citigroup Private Bank (5 years)
- Education:
 - Executive M.B.A., Florida International University
 - B.A. in Political Science, Florida International University – Pi Sigma Alpha National Honor Society Member
- Military Service: United States Naval Reserves (1996-2004)
- Community Involvement: President of the Board of Directors – FIU Alumni Association; Member - Board of Directors - United Way Center for Financial Stability; Member – Board of Directors Wolfsonian Museum

Confidential
Marshall Martin
City National
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