Mark Joseph Spalding
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Current Positions

The Ocean Foundation, President, and Chair of the Board of Directors

Middlebury Institute of International Studies, Center for the Blue Economy, Senior Fellow

Surfrider Foundation, Treasurer and member of the Board of Directors

Blue Legacy International, Secretary and member of the Board of Directors

Biography

Mark J. Spalding has devoted his career to promoting true sustainability: the economic, social, and environmental well-being of communities that enables them to thrive. To fulfill his role as the first President of The Ocean Foundation, Mark brings diverse legal, international, and consulting skills honed over a two-decade career. Using his formal undergraduate training to pursue both a law degree and a masters in Pacific international affairs, he has worked extensively in tri-national efforts in Mexico, the U.S., and Canada, as well as many other countries in central and south America, and around the world.

Mark J. Spalding is an authority on international environmental policy and law. His research interests relate to marine conservation as well as trade and the environment. Mark's current research projects include the protection of marine mammals and conservation of their habitat; ocean acidification; sustainable aquaculture; reduction of ocean noise pollution; travel and tourism sustainability; and interactions between climate change and the ocean. From 1995 to 2000, he coordinated a multinational effort to save Laguna San Ignacio in Baja California Sur, the last pristine birthplace of the Pacific Gray Whale. From 2003 to 2006, he headed up the Alaska Oceans Program, which supported ecosystem-based advocacy efforts to reform fisheries management, increased ocean literacy in Alaska, fostered the creation of a Shipping Safety Partnership, and supported national and international work to promote sustainable seafood choices.

Mark is the former Director of the Environmental Law and Civil Society Program, and Editor of the Journal of Environment and Development, at the Graduate School of International Relations & Pacific Studies (IR/PS), University of California at San Diego. In addition to lecturing at IR/PS, Mark has taught at Scripps Institution of Oceanography, UCSD's Muir College, UC Berkeley's Goldman School of Public Policy, and University of San Diego's School of Law. Mark, who has been practicing law and

acting as a policy consultant for 25 years, was the chair of the environmental law section of the California State Bar Association from 1998-1999.

During 2003 and 2004, Mark was a Sustainability Institute, Donella Meadows Leadership Fellow where he worked on applying systems analysis to federal fisheries management problems, and in 2004 he served as the first SeaWeb Senior Fellow, where his project focused on the viability of a large scale corporate markets campaign for four major seafood species. He was a research fellow at UCSD's Center for U.S.-Mexican Studies in 1998 where he studied Mexican protected areas management.

In addition to spending ten years mentoring and teaching students at UC San Diego and other institutions of higher education, Mark has volunteered considerable amounts of time and energy to service to the government and to the boards of non-profit organizations. He is an advisory board member of SuMar, Eco-Alianza Loreto A.C. and the Collaborative Institute for Oceans, Climate and Security, as well as an advisory council member of the Western Hemisphere Migratory Species Initiative. Mark also serves on the Thought Leaders Council for Island Press. He is chair emeritus of the National Board of Directors of the Surfrider Foundation, former chair of the Advisory Council of the National Whale Conservation Fund, and former chair of the Board of Directors of both Pro Peninsula and One Earth One Justice. He is the former executive director of the San Diego Foundation's Orca Fund.

Through the end of the Clinton Administration he was a member of a Presidential & Congressional Advisory Committee on U.S.-Mexico environmental border relations, the Good Neighbor Environmental Board. Mark holds a B.A. in history with Honors from Claremont McKenna College, a J.D. from Loyola Law School, and a Master in Pacific International Affairs (MPIA) from the School of International Relations and Pacific Studies at the University of California San Diego, from which he received the Alumni of the Year award in 2011. Other well-deserved awards include the 2000 UCSD Joseph Grunwald Award for Promotion of Inter-American Understanding and the 1999 Loyola Law School Board of Governors Alumni Award for work on the U.S. Mexican Border.

When he is not in the Caribbean, Mexico or on an airplane, he can be found at his 135-year-old Queen Ann Victorian in Portland, which always has something in need of repair, husbandry or stewardship. He believes that long walks followed by good food, good conversation, and good wine shared with good friends is the best way to spend time not working. Mark is an avid reader and loves to travel. While his Formula 2 racing career was curtailed by an accident in Turn Nine at the Ontario Motor Speedway, Mark still accelerates out of the curves like Juan Manuel Fangio.

Education

Master of Pacific International Affairs, June 1992
University of California San Diego, La Jolla, California
Graduate School of International Relations and Pacific Studies
Program focused on International Environmental Affairs, Public Policy and Business Administration.
Regional focus, Latin America and Asia

Juris Doctor, June 1986
Loyola Law School, Los Angeles, California
Jessup International Honors Moot Court Program; Advisory Board, 1985-1986; Participant, 1984. Semi-Finalist, National Mock Trial Competition, Western Region 1986. Winner, Loyola Law School Intramural Trial Advocacy Competition, 1985

Bachelor of Arts, Departmental Honors in History, May 1983
Claremont Men's College, Claremont, California
Boswell Scholar. Distinguished Scholar, 1982. Honor Roll 1979 and 1982. Touhy Prize, 1979

Academic Experience

The University of California, Berkeley
Goldman School of Public Policy, UCB (2002)
- Faculty, University of California Public Policy and International Affairs Summer Institute

The University of California, San Diego
The Center for U.S.-Mexican Studies, UCSD (1996 – 2003)
- Faculty, summer seminar program (1999 – 2002)
- Assisted in organizing a bi-national briefing on environmental issues for the Fox administration (October 2000)
- Research Fellow, "Economic Integration and the Environment: Promoting Sustainable Development along the U.S.-Mexican Border" (1998 – 1999)
- Guest Scholar, Environmental Policy and Law Research, Seminar Lecture on "Mexican Environmental Policy Related to Management of Protected Areas" (1996 – 1997)
- Lectures on: Status of Environmental Policy at the Border, 2000; US-Mexican Relations on Environmental Issues, 1999; Environmental Policy Formation In Mexico: Lessons And Prospects, 1999; Border Region Adjacent Protected Natural Areas Cooperation, 1999; The New NAFTA Environmental Institutions and U.S.-Mexico Border Sustainable Development, 1998 and 1999; Laguna San Ignacio, 1998; and sustainable development, 1997 and 1998
- Assisted in preparation of conferences on US-Mexico border environmental issues

The Graduate School of International Relations and Pacific Studies, UCSD (1996 – 2003)
- Director, Environmental Law and Civil Society Program
- Lecturer and Independent Study Advisor on international environmental policy, trade and environment policy, Conflict Resolution of Environmental Issues, Environmental Issues in Baja California, and international law
- Designed international environmental policy curriculum
- Editor (Acting) and Editorial Advisory Board Member for the Journal of Environment and Development
- International Advisory Board Member (1994 - 1996)
- Community Advisory Board Member for Strategic Community Consulting (a student-run public sector consulting group)
- Dean's Search Committee Member (1995 - 1996)
- Current Student Career Advisor's Panel Member

John Muir College, UCSD
- Lecturer on ocean policy and law, environmental law and environmental campaign strategy design (2000 – 2003)
- Environmental Studies Program Steering Committee member (1999 – 2004)

Scripps Institution of Oceanography, UCSD
- Lecturer for Marine Science, Law and Policy seminar (2002)
- Guest Lecture, ENGOs and Science: Consilience and Dissonance for Scripps Institution of Oceanography (2000)

Urban Studies and Planning Program, UCSD (1995 – 2003)
- Guest Lecturer, "The Role of NGOs in International Environmental Policy-Making" for a class on Sustainable Development
- Guest Lecturer, "NAFTA and its Supplemental Agreements on the Environment" for a class on the U.S.-Mexican Border
- Faculty Advisor for Senior Honors Theses program

University of San Diego
School of Law, San Diego, California
- Adjunct Professor, Trade and Environment Policy and Law (1997 - 1998)
- Guest Lecturer, International Environmental Law (2000 – 2003)

San Diego State University
Institute for International Security and Conflict Resolution, San Diego, California (1997 - 1999)
- Independent Study Advisor
- Continuing education lecturer on "population and the environment"
- Continuing education lecturer on "the influence of religion on international environmental policy"

United States International University
Environmental Studies Program, San Diego, California (1997 – 2002)
- Adjunct Professor, Culture and the Environment
- Advisory Board Member

Other Academic Experience

United States Information Agency Washington, D.C.

- Organized and lead five-month speaker series on Economic Integration and the Environment (2000)
- Lecture for economic and trade specialists of 12 developing nations on an update of NAFTA's economic impacts (1999)
- Lecture for economic ministers of 13 Latin American nations on trade liberalization, NAFTA, FTAA and the environment (1998)
- Ten day training program for the Bolivian Ministry of Sustainable Development and Environment, the National Secretariat of Education, the National Academy of Sciences and the National University of San Simon (1996)
- Arnet television special Sustainable Development on the US/Mexico Border (1996)
- Worldnet Dialogue television program, Our Environment regarding "Green Trade: Reconciling Trade and the Environment"(1993)

Conferences

Attendee at Clinton Global Initiative's Managing Our Oceans conference (Boston), March 2015

Participant in Beyond Plastic in the Mediterranean Sea international conference (Monaco), March 2015

Attendee at SeaWeb's Seafood Sustainability Summit (New Orleans), February 2015

Participant in "Executive Dialogue on Investing in the Blue Economy" hosted by the Economist Intelligence Unit (New York), February 2015

Participant in Confluence Philanthropy's Annual Practitioners Gathering (Sausalito), February 2015

Attendee at Southern California Marine Mammal Workshop (Newport Beach), January 2015

Attendee at Island Institute's Preparing for an Uncertain Fishing Future workshop (Portland), December 2014

Participant in Educational Foundation of America's workshop for Ocean Acidification grantees (Washington, D.C.), December 2014

Participant in the XPRIZE Foundation's Deeper Dive session (Culver City), November 2014

Participant in the Consultative Group on Biological Diversity's annual meeting (Baja, Mexico), June 2014

Participant in XPRIZE's Oceans Big Think conference (Culver City), May 2014

Attendee at Confluence Philanthropy's conference on Strengthening CDIs and Entrepreneurs for Sustainable Fisheries (Salem), April 2014

Attendee at World Ocean Summit (Half Moon Bay, CA), February 2014

Attendee at Confluence Philanthropy's Annual Practitioners meeting (Santa Fe), February 2014

Attendee at Southern California Marine Mammal Workshop (Newport Beach), February 2014

Participant in Executive Leadership workshop on Coastal Restoration (Washington, D.C.), September 2013

Attendee at Sustainable Fisheries & Food Systems working group retreat (San Francisco), September 2013

Participant in Aspen Institute's three-day Ocean Community Dialogue, (San Francisco) December 2012

Member of organizing committee for the Global Conference on Oceans, Climate and Security for the Collaborative Institute for Oceans, Climate and Security, May 2012

Co-organizer and sponsor of the 2nd International Conference on Marine Mammal Protected Areas, (Martinique) November 2011

Organized an Underwater Cultural Heritage workshop for the Lawyers' Committee for Cultural Heritage Preservation annual meeting, November 2011

Organizing committee member for Blue Vision Summit 3; nominator of President Laura Chinchilla for a Peter Benchley Ocean Award; and organizer and facilitator for plenary on "Healthy oceans, resilient coasts, jobs and the economy" May 2011

Organizer and facilitator for panel on "New Money for Marine Philanthropy" for the Consultative Group on Biological Diversity's Annual Marine Working Group Meeting, March 2011

Organizing committee member for the 11th National Conference on Science, Policy and the Environment: Our Changing Oceans, January 2011

Organizing committee member for the Environmental Grantmakers' Association annual conference, and organizer and leader of a Marine Ecosystems, Fisheries, and Biodiversity Field Intensive, September 2009

Organizer and moderator for panel on "Measuring Marine Ecosystem Health" for the Consultative Group on Biological Diversity's Annual Meeting, June 2006

Donors' Round Table, The Ocean Policy Summit, October 2005

Organizer and moderator for panel on "Negotiating Tough Decisions: Solutions in Aquatic Invasive Species" for the Consultative Group on Biological Diversity's Annual Meeting, June 2004

Organizer and moderator for a "Marine Mammal Issues Briefing" for Consultative Group on Biological Diversity's Marines Workgroup Annual Meeting, February 2004

Forum facilitator for "Ecotourism Regulation and Monitoring" for two week online conference Sustainable Ecotourism in North America, May 2000

<u>Guest Lectures</u>

- Kiel Cluster of Excellence 'The Future Ocean' Ocean Sustainability Science Symposium panelist for "Oceans in the Anthropocene – From the Demise of Coral Reefs to the Rise of Plastic Sediments (climate, global resources management, and ocean sustainability)" and speaker on "Innovative Conservation & Holistic Thinking for Coastal & Ocean Planning and Indicators" (Kiel, Germany), March 2015
- University of California Irvine, School of Social Sustainability lecture on "Ocean Acidification and Food Security" (November 2014)

- Speaker at Consultative Group on Biological Diversity's Biocarbon briefing on "Blue Carbon: Plants and Marine Vertebrates" (Seattle), November 2014
- Speaker at the American Bar Association's Section of International Law's 2014 Fall Meeting on "Underwater Cultural Heritage & Environmental Time Bombs?" (Buenos Aires, Argentina), October 2014
- Speaker at Federal Bar Association Spoils of War CLE Seminar on "Underwater Cultural Heritage & Environmental Time Bombs?" (New Orleans), October 2014
- Speaker at World Research and Innovation Congress Oceans on "No Silver Bullets: Innovative & Holistic Thinking to Move the Needle on Coastal & Ocean Conservation" (Lisbon, Portugal), October 2014
- Speaker at SxSW Eco's on "Why is Travel in the Slow Lane of Sustainability" (Austin), October 2014
- Presented "No silver bullets: innovative and holistic thinking to move the needle on coastal and ocean conservation" at Middlebury Institute for International Studies at Monterey, September 2014
- Spoke on Ocean Acidification Policy at the National Caucus of Environmental Legislators National Issues Forum (Minneapolis), August 2014
- Speaker at State Department Foreign Service Institute on "Ocean Acidification International Collaboration: Responding to the Challenge: Non-US Government Roles and Actors" (Washington, D.C.), August 2014
- Speaker at Center for Responsible Travel's (CREST) 3rd Annual Symposium for innovators in coastal tourism and sustainability on "How MPA's and Best Fishing Practices Can Enhance Sustainable Coastal Tourism" (Grenada), July 2014
- Power of the Marketplace in Promoting Ocean Stewardship Panel speaker at the Our Oceans Conference held by the Secretary of State of the United States on (Washington, D.C.), June 2014
- Panelist for the OceansLive event at Capital Hill Oceans Week 2014 (Washington, D.C.), June 2014
- Presented on TOF at Emerging Practitioners in Philanthropy (EPIP) meeting (Washington, D.C.), April 2014
- Keynote at Duke University's Ocean Policy Working Group Aquaculture Symposium on "Keep the Ocean Wild: Fish from Farm to Table" (Durham), April 2014
- Facilitated Roundtable on Blue Growth for the Government of Sweden (Washington, D.C.), April 2014
- Facilitated Arctic Governance Experts Dialogue co-sponsored by The Center for Strategic and International Studies, WWF, NRDC, and Birdwell Strategies (Washington, D.C.), April 2014
- Guest speaker at the Eisenhower School, National Defense University (Washington, D.C.), March 2014
- Presenter at DC Marine Community's event for the IUCN Red List of Threatened Species 50th Anniversary (Washington, D.C.), February 2014
- Speaker at Lisbon Atlantic Conference on "The effects of development on coastal and ocean systems and eco-system services" (Lisbon), December 2013
- Speaker at WILD10 World Wilderness Conference (Salamanca, Spain), October 2013
    - Monitoring & Surveillance of Marine Wilderness Areas: Use of New Technologies
    - Sources of Anthropogenic Noise in the Ocean
    - Western Hemisphere Migratory Species Initiative (WHMSI)
- Challenges and Solutions for Our Ocean Today for the Islesboro Forum, August 2013
- Presenter on the Rockefeller Ocean Strategy at the Partnering for Global Impact 2013 (Lugano, Switzerland) July 2013
- Presenter on the Opening Debate about "Fundamental Challenges For Our Oceans Today And Implications For Humankind In General And For Coastal States In Particular" at the Good Governance for Sustainable Marine Development (Conference No. 3 of the EU-U.S. Conference Series on Sustainable Oceans: Reconciling Economic Use and Protection), (Cascais, Portugal) June 2013
- Organizer, presenter, and moderator on panel entitled "Healthy Oceans = Sustainable Planet." for the Spring of Sustainability, (online) June 2013

- Presenter (and panel moderator) on a panel about “Building Symbiotic Relationships Between Sustainable Coastal Tourism, Commercial Fishing and Marine Protected Areas” at the Executive Symposium for Innovators in Coastal Tourism Development, (Los Cabos, Mexico) May 2013
- Presenter and moderator for closing panel at “The Urgency Of Addressing Ocean Acidification,” (UC Irvine) May 2013
- Presenter on a panel about "Financing Innovation and Technology for Ocean Sustainability" at the World Ocean Council's Sustainable Ocean Summit, (Washington, DC) April 2013
- Ocean Conservation and Philanthropy for the National Defense University, Industrial College of the Armed Forces, April 2013
- Presenter on “Using MRIs and PRIs to Craft Philanthropic Solutions that Break Down Barriers to Change” at Confluence Philanthropy’s annual practitioners meeting, (New York) January 2013
- Organizer and moderator for panel on “The Environmental Time Bomb of Sunken Military Craft in the Pacific War Theater” at the Lawyers Committee for Cultural Heritage Protection annual meeting, (Washington, DC) November 2012
- IX Congreso de Ciencias del Mar-MARCUBA, (Havana, Cuba) October 2012 [all three abstracts submitted accepted for presentation, all three presentations done in Spanish]
    - "Coastal Sustainable Development Standards"
    - "Seagrass restoration and Blue Carbon"
    - "How to define of sustainable aquaculture"
- The 101 on Blue Carbon for the Miami Science Museum, July 2012
- International Environmental Conflict Resolution training for HasNa, July 2012
- Why Ocean? Earth Day lecture for the staff of Bloomberg Media, June 2012
- The role of conservation for the Frederick Douglass Undergraduate Interdisciplinary Conference (Bloomsburg University), April 2012
- Ocean Conservation and Philanthropy for the National Defense University, Industrial College of the Armed Forces, April 2012
- Ocean focused Mission Related Investing for the Economist Magazine’s World Ocean Summit, (Singapore) February 2012
- Mission Related Investing for Confluence Philanthropy’s annual Practitioners’ meeting, January 2012
- Coastal Sustainable Development Philanthropy Partnerships for the Ecotourism and Sustainable Tourism Conference, September 2011
- UNCLOS, cultural heritage and the Dugong for NOAA, September 2011
- Successful Travelers’ Philanthropy for CREST’s 3rd International Travelers’ Philanthropy Conference, (Costa Rica) July 2011
- Ocean governance is like maintenance: it is absolutely necessary, but no one likes to do it, for The Ocean Foundation’s (Northwest Mexico) Conservation Science Symposium, May 2011
- Briefing on Blue Carbon for the U.S. Department of State, May 2011
- Ocean Conservation and Philanthropy for the National Defense University, Industrial College of the Armed Forces, April 2011
- Plenary session on fundraising and organizational sustainability for Environmental Law Alliance Worldwide annual meeting, November 2010
- Coastal Sustainable Development Standards, for the U.S. Green Building Council’s Greenbuild Conference, November 2010
- Coastal Sustainable Development Philanthropy Partnerships, for the Real Estate Investment World Latin America, October 2010
- The Okinawa Dugong: Application of Section 402 of the National Historic Preservation Act, for the Lawyers' Committee for Cultural Heritage Preservation’s International Historic Preservation in Context with the National Historic Preservation Act conference, October 2010
- Coastal Sustainable Development Standards for the Urban Land Institute Fall Meeting, October 2010
- Financing Sustainable Development for the Dominica Green Investment Conference, October 2010
- SeaGrass Grow for the National Association of Environmental Educators, October 2010
- Global Exchange: The Best Sustainable Codes, Standards and Policies for the American Society of

Landscape Architects annual meeting, September 2010
- The need for robust ocean governance, for the Coastal States Caucus conference, April 2010
- Rethinking Coastal Tourism Development: The Importance of Innovators in Times of Climate Change & Economic Crisis for CREST's Innovators Conference, January 2010
- The Environmental Challenges for Alternative Ocean Energy Technology for the University of Rhode Island's International Symposium on Integrating Offshore Renewable Energy Systems & Aquaculture, November 2009
- Funder Perspectives on the Political Context for marine working group of the Consultative Group of Biological Diversity, March 2009
- Mainstreaming Travelers' Philanthropy: Resorts, Hotel Chains, Airlines, Cruise Lines for CREST's Travelers' Philanthropy Conference, December 2008
- Coastal Sustainable Development Philanthropy Partnerships for Hotels & Money Latin America, November 2008
- Keynote Speaker, for Surfrider Foundation International Meeting, October 2008
- Eco Tourism, Eco Resorts, Eco Destinations, for the South American Hotel & Tourism Investment Conference, September 2008
- Financing Conservation of Heritage for the St. Kitts & Nevis Heritage Conservation Symposium, July 2008
- Financing private marine conservation for a Conference on private agreements for ocean and coastal conservation, June, 2008
- Oceans and Climate Change for the DC Bar Association, January 2007
- Keynote speaker, for US Sailing's annual conference, January 2007
- Addressing Climate Change with Ocean Altering Projects at the Yale School of Forestry & Environmental Studies as part of its "Conflicts at Sea: Values and Ethics in the Marine Environment" Marine Conservation Lecture Series, March 2005
- Keynote speaker on "Oceans and Climate Change" for the Consultative Group on Biological Diversity's Annual Marine Working Group Meeting, February 2005
- Campaign Planning and Training for the Surfrider Foundation's 20th Anniversary Coastal Summit, October 2004
- Magnuson-Stevens Act Reauthorization and Alaska for the US Senate Democratic Steering and Coordination Committee Environmental Staff Briefing, August 2004
- Trends in Environmental Grantmaking for the American Zoo and Aquarium Annual Conference, 2002
- Looking Below the Surface – How Marine Issues Impact all Funders for the Environmental Grantmakers' Association, 2002
- International Environmental Law for the Thomas Jefferson School of Law, 2002
- Environmental Campaign Strategies for the Alaska Oceans Network, 2001
- Environmental Campaign Strategies for the Surfrider Foundation, 2001
- The Impact of Globalization on Environmental Sustainability in San Diego-Tijuana for the National Federation of Wildlife and the Planning and Conservation League, 2001
- Regulation of Whale Watching for the Friends of the San Juans, 2001
- A successful campaign: Saving Laguna San Ignacio for the Graduate School of International Relations and Pacific Studies, 2001
- Environment and Development in Baja California Communities for USD Social Issues Conference, 2000
- Shared Environmental Priorities? for a Cross-Border Urban Integration conference, 2000
- Whales, Redwoods and Salmon for the Wallace Stegner Environment Center, 1999
- Bi-National Law, Policy and Cooperation for Environmental Law at the Border conference, 1999
- Baja California culture and the environment for Coastal Zone 99 conference, 1999
- US-Mexico Border cooperation on natural resources protection for EPA speakers series, 1999
- DOI-SEMARNAP pilot projects and border region adjacent protected natural areas cooperation for the Annual Border Encuentro, 1999
- US-Mexico border environmental institutions for International Border Regions in Transition conference, 1999

- Future challenges for the US-Mexico border environment for a Southwest Center for Environmental Research and Policy congressional briefing, 1998
- NAFTA and environmental cooperation for the North American Integration and Development Center, 1998
- Human rights and the environment for the Environment Committee of the San Diego-Tijuana Region, 1998
- The history of U.S.-Mexico environmental cooperation and future projections for the National Law Center for Inter-American Free Trade, 1998
- Environmental issues associated with U.S.-Mexican economic integration for the Pacific Council on International Policy, 1998
- American Cetacean Society on Laguna San Ignacio, 1998
- California State University Long Beach on NAFTA, fast track and the environment, 1997
- California Regional Water Quality Control Board presentation on BECC/NADBank, 1997
- UCLA symposium on the free trade area of the Americas and the environment, 1997
- City of Tijuana seminar on desarrollo sustentable para funcionarios, 1997
- CILAS, UCSD symposium on Latin American and the Pacific Rim, 1997
- USD Environmental Law Society on international environmental law policy and trends, 1996
- UCSD conference panel on economic integration - NAFTA and APEC, 1996
- Udall Center Symposium on sustainable development along the US-Mexico border, 1996
- United Nations Local Prepcom for Habitat II, 1996
- EPA/SEMARNAP domestic and bi-national Border XXI public input meetings, 1995-1996

Miscellaneous Lectures

- UCSD Center for Iberian and Latin American Studies, 1995
- USC, School of Law, 1995
- San Diego County Bar Association, International Law Section, 1995
- California Bar Environmental Law Section's Annual Yosemite Institute, 1994, 1995, 1997, and 1999
- Nevada State Bar Association, 1995
- Reno World Trade Council, 1995
- California Bar Section Education Institute, 1995
- Hastings College of Law, 1989
- University of San Francisco's School of Law, 1989

Philanthropy Experience

Alaska Oceans Program (of the Alaska Conservation Foundation)
Anchorage, Alaska

- Senior Program Officer (part-time) ($650,000 annual budget) 2003 - 2006
- Facilitate the Shipping Safety Partnership to reduce the risk of groundings, collisions and oil and cargo spills from the several thousand merchant vessels each year that transit waters off Alaska to trade between ports on the west coast of North America and Asia (Oil Spill Liability Trust Fund restored at $3 billion level due to work of partnership)
- Facilitate the Alaska Oceans Network information sharing, communications forum for ocean conservation organizations working in Alaska
- Design and manage a successful campaign to protect important North Pacific Ocean habitat by prohibiting destructive bottom trawling (375,000 square miles of ocean habitat were closed to bottom trawling in February 2005)
- Design and manage a campaign to develop and implement a vision for the future of ocean management in the North Pacific region
- Design and manage a campaign to reform the activities of the Marine Stewardship Council
- Oversight of the annual Alaska Oceans Festival (music), and a traveling, annual Alaska Oceans Film Festival

Association of Small Foundations
Bethesda, Maryland
- Member (through The Ocean Foundation)

Margaret A. Cargill Foundation
Minneapolis, Minnesota
- Member, Environmental Program Advisory Group

Consultative Group on Biological Diversity
San Francisco, California
- Affiliate member, participant in marine interest grantmakers forum
- Organizer for marine interest grantmakers forum's 2003, 2005, 2006 and 2007 annual meetings in Baja California, Monterey, Belize, and Portland.
- Researched and prepared peer reviewed 2004 briefing paper for funders on "Climate Change and Oceans"
- Member of the International Sea of Cortez grantmakers forum
- Together with the Marisla Foundation, developed a marine mammal interest grantmakers forum
- Developed a coral reef interest grantmakers forum

Environmental Grantmakers Association
New York, New York
- Former Member (through Alaska Conservation Foundation)
- Organizing committee member for the 2009 annual conference
- Organizer and leader of a Marine Ecosystems, Fisheries, and Biodiversity Field Intensive, September 2009

FINCOMUN
Tijuana, Baja California
- Member of the Environmental Grants Advisory Committee (Comité de Ambiente) 2000 - 2003

Fundación Bahía de Loreto (Loreto Bay Foundation)
Loreto, Baja California Sur
- Executive Director, Chair of Board of Trustees, and designer ($1,000,000 annual budget)

Fundación La Puerta
Tecate, Baja California
- Consultant for a 2003 project to research establishment of fundamental concepts for the bi-national protection of the Tijuana River watershed
- Peer reviewer for 2002 research undertaken to establish the basis for a bi-national protected area at “Ambos Tecate”

The William and Flora Hewlett Foundation
Menlo Park, California
- Advisor to Environment Program regarding grantmaking in Mexico, 2001- 2004
- Consultant for a 2002 project to facilitate collaboration and cross training among re-granting facilities in Mexico

International Community Foundation
San Diego, California
- Consultant to the Baja California Preservation Fund, 2000 - 2004
- Member of the Border Environmental Fund Advisory Committee, 2000 - 2004
- Undertook evaluation of grantmaking opportunities regarding Mexico’s Cabo Pulmo National Marine Park

- Undertook evaluation of reforestation project in Oaxaca, Mexico
- Assisted in due diligence evaluation of new grantee and its proposal to establish a cetacean research laboratory in British Columbia, Canada

National Whale Conservation Fund (of the National Fish and Wildlife Foundation)
Washington, DC
- Chair of National Whale Conservation Fund Advisory Council

The Ocean Foundation
Washington, DC
- President, and Chair of the Board of Director ($5,000,000 annual budget)

San Diego Foundation
San Diego, California
- Researched and designed an Environmental Initiatives Program, which provides financial and non-financial support for programs and internal capacity building for San Diego non-profit environmental organizations

San Diego Foundation's Orca Fund
San Diego, California
- Fund manager for grantmaking and evaluations ($750,000 annual giving), 2000 - 2003
- Due diligence and background research for the Orca Fund to support activities, research and advocacy related to cetaceans and other marine mammals

St. Kitts Foundation
Basseterre, St. Kitts
- Executive Director, Chair of Board of Trustees, and designer ($250,000 annual budget)

Walton Family Foundation
Bentonville, Arkansas
- Designed and implemented small grants program to support work by Mexican and US NGOs with Sea of Cortez local communities to make marine protected areas more effective
- Reviewed and made recommendation on a multi-million dollar conservation NGO proposal regarding Sea of Cortez marine protected areas

Consulting Experience

Representative clients (1991 - present):

The Asia Foundation
San Francisco, California
- International dispute resolution research regarding trade and environment issues

Border Environment Cooperation Commission
Ciudad Juárez, Chihuahua
- Consultant for legal and policy advice to technical assistance grant recipients

Environmental Defense
Oakland, California
- Prepared briefing White Paper for Environmental Defense and SeaWeb on Conflict Resolution for Addressing Climate Change with Ocean Altering Projects
- Research and technical consultant for a project to test the use of vessel monitoring systems in the Sea of Cortez to enforce the boundaries of marine reserves

Institute of the Americas
La Jolla, California
- Consultant on Cuba transition and integration policies
- Assisted in preparations for the Second International Conference on Privatization in Latin America and for the Latin American Environmental and Hemispheric Technological Cooperation Conference
- Prepared official report on the privatization conference

Inter-American Development Bank
Washington, D.C.
- Prepared briefing paper/talking points for President of the Bank regarding US/Mexico Border Environmental Infrastructure issues for a border infrastructure conference sponsored by the US Department of Commerce and the Mexican Secretary of Commerce and Industrial Development
- Contracted to assist in research and writing of two reports evaluating the bank's development projects for the board of directors. Statistical evaluation and policy analysis of the bank's social sector loans regarding the affect of community participation and the alleviation of poverty
- Designed study, and researched and wrote report evaluating the bank's procurement of consultant services

International Fund for Animal Welfare
Yarmouth Port, Massachusetts
- Advisor on strategic planning for the global whales program
- Research and drafting of report on third-party laboratory certification of Chinese Traditional Medicine suppliers for compliance with CITES
- Strategy advice regarding anti-whaling campaign
- Strategy advice and research support for work to conserve gray whale habitat near Sakahlin Island, Russia
- Strategy advice regarding protection of Russian World Heritage site in Siberia
- Prepared strategy and initial business plan for IFAW entry in Latin America
- Researched and prepared report on whale watching laws in North America
- Represented IFAW and served as rapporteur at workshop entitled “Legal Aspects of Whale Watching” in Punta Arenas, Chile

International Fund for Animal Welfare, Yarmouth Port, Massachusetts; and **Natural Resources Defense Council, International Program** Washington, D.C.
Advisor for the successful campaign to save Laguna San Ignacio (“The most significant [environmental] victory of our generation.” – Cox News)
- Designed strategy to halt plans to build industrial saltworks in a Biosphere Reserve
- Testified before the Mexican Congress’ Chamber of Deputies special Commission to Investigate the Environmental Impacts of the Activities of the Parastatal Exportadora de Sal, S.A. de C.V.
- Represented US environmental groups at Mexican environmental agency hearing regarding the proposed operation of a salt evaporation facility in a gray whale birthing lagoon in the Vizcaíno Desert Biosphere Reserve
- Researched and drafted report analyzing the socio-economic and political factors related to the proposed salt evaporation facility
- Researched and drafted legal report analyzing permissible activities in an UNESCO biosphere reserve under international standards and Mexican law
- Researched and prepared formal request for “World Heritage in Danger” status for the Whale Sanctuary of El Vizcaíno
- Represented US and Mexican environmental groups at the annual meetings of the World Heritage Bureau and World Heritage Committee in Kyoto, Japan (1998) and in Marrakech, Morocco (1999). Successfully lobbied for start of process for the World Heritage in Danger designation
- Liaison between International Fund for Animal Welfare, Natural Resources Defense Council and Mexican environmental NGO partners

- Fomented formation of coalition of Baja California conservation organizations, Pro Peninsula

National Environmental Policy Institute
Washington, D.C.
- Conference preparations consultant "NAFTA: Environmental Impacts Beyond the Borders"
- Editor for book on NAFTA and the Environment

National Wildlife Federation
Washington, D.C.
- Provided advice on location, formation and hiring for new California regional office (1999)
- Prepared report "NAFTA Plus 5, On the Right Track? An Assessment of the BECC/NADBank Institutions, 2nd Edition" (1999)
- Prepared report "Promising Potential for the U.S.-Mexico Border and for the Future: An Assessment of the BECC/NADBank Institutions" (1997)
- Briefing on NAFTA and the environment for NWF annual meeting
- Assisted in preparation of NWF's participation in the independent review of the North American Agreement on Environmental Cooperation

Natural Resources Defense Council, International Program
Washington, D.C.
Consultant regarding Mexican environmental issues
Participating in campaign to limit noise pollution in the oceans
- Lead strategy advisor and research support for the international aspects for campaign to reduce noise/acoustic pollution in the ocean (see chapter 4 of "Sounding the Depths II: The Rising Toll of Sonar, Shipping and Industrial Ocean Noise on Marine Life")

Participating in campaign to protect Okinawan dugong habitat (Okinawa, Japan)
- Lead strategy advisor on campaign to prevent construction of floating heliport in sensitive habitat

Participated in the campaign to save Clayoquot Sound (British Columbia):
- Prepared briefing materials on the US-Canada softwood lumber trade dispute for the Clinton Administration's Pacific Northwest Conference (the Forest Summit) and for the Vice President's meetings with the Prime Minister of British Columbia. Briefed members of Congress regarding policy produced by the Forest Summit
- Researched and authored "Trade and the Environment: The British Columbian Timber Trade Example"
- Served as escort for six Native American chiefs of the First Nations of Canada in briefing visits to US Senators regarding trade in natural resources

General legal/policy research and analysis on international trade and environment issues. Draft reports, position papers, and congressional testimony for presentations to the executive and legislative branches, as well as the media. Brief senior attorneys and policy analysts on international trade issues. Respond to media inquiries on trade and environment issues
- Assisted in coordinating environmental NGO input for Vice President Gore's National Performance Review (Reinventing Government Task Force) on Environmental Protection Agency issues. Provided advice to the task force on alternative financing mechanisms, pollution prevention, and international environmental issues
- Assisted in research and drafting of NRDC's proposals for a North American Commission on the Environment presented to the US Trade Representative. Acted as spokesperson for NRDC at high-level meetings with the USTR, the EPA, and the Department of Justice regarding the NAFTA environmental side agreement. Drafted proposed language for the side agreement on citizens' rights-to-know and citizen enforcement of environmental laws and regulations
- Assisted in research and drafting of NRDC's proposals related to the Border Environment Cooperation Commission and North American Development Bank
- Assisted in research and drafting of NRDC's follow-up on the environmental aspects of the Summit of the Americas process
- Assisted in research and drafting of "Biodiversity Flashpoints in the Americas"

- Assisted in research and drafting of “The Greening of North American Trade - Four Years Later: A Report Card on Implementation of the NAFTA Environmental Package”
- Co-chaired a roundtable discussion on financing Agenda 21 at the first meeting of the UN Commission on Sustainable Development
- Worked closely with the Consortium for Action to Protect the Earth (CAPE 2000), a coalition of six major US environmental organizations to follow up on the UN Conference on Environment and Development
- Prepared detailed listing of threats to natural protected areas in Mexico
- Contracted to develop project related to energy and the environment in Mexico

The Nautilus Institute for Security and Sustainable Development
Berkeley, California
- Research regarding lessons from NAFTA for the integration of environmental issues into the Asia-Pacific Economic Cooperation forum
- Lecture for conference on APEC and the environment

Nolte Associates, Inc.
San Diego, California
- Research support and advice for project to define minimum requirements for project compliance with Border Environment Cooperation Commission sustainable development criteria
- Advice on US and Mexican and transboundary environmental law and policy regarding technical assistance to communities developing environmental infrastructure for Border Environment Cooperation Commission certification

North American Commission for Environmental Cooperation
Montreal, Quebec, Canada
- Advice and bilingual facilitation for Biodiversity Conservation tri-national strategic planning workshop for the North American Marine Protected Areas Network (NAMPAN), in Washington, DC
- Advice and bilingual facilitation for negotiation of the tri-national North American Conservation Action Plan (NACAP) for the Vaquita (*Phocoena sinus*) in Ensenada, Mexico
- Advice and bilingual facilitation for Biodiversity Conservation tri-national workshop: "Towards the Conservation of Marine Species & Spaces of Common Concern in North America" for the development of the North American Marine Protected Areas Network (NAMPAN), in San Francisco, California
- Facilitated one-day, tri-national Roundtable on Alien Invasive Species for the Joint Public Advisory Committee in Miami, Florida
- Facilitated a two-day tri-national workshop on invasive aquatic species in San Diego, California
- Co-authored report on “North American Boundary and Transboundary Inland Water Management Report”
- Prepared report on “Standards and Guidelines: Land Use Planning and Zoning” for an Ecotourism Workshop
- Co-authored study “A Dialogue on Sustainable Tourism in Natural Areas in North America” for the NAFTA/Environment Program
- Liaison for the Conservation Program on the bi-national pilot implementation of the UNEP’s Global Programme of Action for the Protection of the Marine Environment from Land-based Activities
- Prepared report on the “Creation of Environmental Networks” for the Joint Public Advisory Committee
- Prepared report “Potential NAFTA Effects: Claims and Arguments 1991 – 1994” for the NAFTA/Environment Program
- Prepared comments on guidelines for factual submission management and access to information pursuant to Articles 14 and 15 of the North American Agreement on Environmental Cooperation

North American Development Bank
San Antonio, Texas
- Prepared report on improving transparency, public consultations and community outreach
- Organized and moderated public consultation meetings throughout the US-Mexico border region
- Prepared report on how to assist small and poor border communities in pursuing environmental infrastructure needs

Ocean Wilderness Network
Santa Cruz, California
- Contracted to develop a strategic plan for a campaign to foster the creation of a network of marine reserves along the Oregon State coastal area

Practical Environmental Risk Management
La Jolla, California
- General policy research and analysis regarding recommendations to the North American Development Bank on the use of alternative technologies in NADBank financed border environmental infrastructure projects

Pro Esteros
Ensenada, Baja California, Mexico
- Assisted in research and preparation of comments on successful challenge to an environmental impact assessment regarding a tourism resort complex at San Quintín, Baja California
- Advisor on legal issues and fundraising

Project Concern International
San Diego, California
- Assisted international health care and development non-profit register and learn to bid for projects financed by the World Bank, Inter-American Development Bank, African Development Bank, Asian Development Bank, and the European Bank for Reconstruction and Development
- Advisor on US/Mexico border environmental health issues

La Ruta de Sonora
Tucson, Arizona
- Legal advisor for non-profit ecotourism provider

SeaWeb
Washington, DC
- Evaluated the viability of a large scale corporate and markets campaign regarding four major seafood species for SeaWeb and the National Environmental Trust; co-author of campaign plan and related successful grant requests

South North Development Initiatives (Synergos Institute)
New York, New York
- Consultant on expansion of programs to strengthen the financial base of non-governmental organizations and community based organizations

Southwest Research and Information Center
Albuquerque, New Mexico
- General policy research and analysis for Border Environment Cooperation Commission Board Member, Lynda Taylor, on sustainable development and public participation

Independent Actions

- Comment Letter dated April 17, 2002 regarding "Application by Certain Mexico-Domiciled Motor Carriers To Operate Beyond United States Municipalities and Commercial Zones on the United States-Mexico Border" cited by the International Brotherhood of Teamsters, the California Federation of Labor, Public Citizen and Natural Resources Defense Council in the U.S. Supreme Court case *United States Department Of Transportation, et al., Petitioners V Public Citizen, et al.* (Certiorari Granted: Dec. 15, 2003)
- Sponsor of "Not In Our Names" statement of conscience published in the New York Times (September 2002)
- Exemplar member of plaintiff Cetacean Society International for *NRDC et. al. v. Evans* (United States District Court, Northern District Of California Civil Action No. C 02-3805 EDL), a lawsuit to halt the deployment of the US Navy's Low Frequency Active Sonar system (2002)
- Advisor to Mexican Chamber of Deputies on drafting of federal regulation for licensing of Liquefied Natural Gas receiving facilities (2002)
- Advisor to Mexican Chamber of Deputies on federal whale watch regulation revisions (1999)
- Advisor to Senator Barbara Boxer's staff on trade and the environment issues (1999)
- Advisor to Governor Gray Davis' staff regarding California-Mexico relations on environmental issues (1999)
- Advisor regarding the legal challenge to Border Patrol construction of additional fences and roads through protected areas of the US-Mexico border region (1998 - present)
- Solicited grassroots support for North American Development Bank funding. Initiated successful telephone, e-mail and letter writing campaign, and personally solicited Senate and House support for replacement of the 1996 NADBank appropriation of $56.25 million deleted from HR 1868. Searched *Congressional Record* on a daily basis for developments and reported same to subscribers to Beccnet listserver (1995)

Legal Experience

International Business Simulations, Inc.
San Diego, California (1995)
- Incorporator, General Counsel and Course Instructor for Internet interactive computer simulation, international executive training firm

International Simulation Laboratory, Inc.
San Diego, California (1995)
- Incorporator and General Counsel for academic version of interactive international business computer simulation firm

Pacifica Vietnam Investment Management and Consulting, Ltd.
La Jolla, California (1995)
- General Counsel for Vietnam venture capital firm

Solomon Ward Seidenwurm & Smith
(formerly, Scalone Stipanov Yaffa & Mebane)
San Diego, California (1990 - 1995)
Senior Associate: International Business Transactions

- Handled entry of maritime satellite communications and vessel monitoring systems service provider into Mexico, including the establishment of its Mexican corporate subsidiary
- Handled start up of a new Mexican airline including aircraft purchase and leaseback agreements, closings, US deregistration, Mexican registration, and the placement of liability insurance
- Assisted in negotiating a $7 million financing to provide a rotating line of credit to a retail auto parts firm
- Represented an insurance marketing company defendant in 29 class action lawsuits brought by life insurance policyholders in state and federal courts. Negotiated favorable settlement for client
- Handled due diligence review of takeover target for telecommunications client
- Managed actuarial review of 180 closed files for client's statistical evaluation of its product liability history
- Advice to clients regarding NAFTA trade issues including rules of origin, domestic content calculations, labor, environment, and import and export
- General advice related to doing business in Mexico, Canada, Brazil, Argentina and the European Union

Sedgwick, Detert, Moran & Arnold
San Francisco, California (1986 - 1990)
Senior Associate: Litigation

- *Bank of America v. Powers.* Over a four-year period, assisted in the defense of Employer's Insurance of Wasau (Lloyd's of London) in a $95 million real estate fraud case. Took the lead on over 250 depositions and drafted most of the firm's pleadings. Supervised team of banking experts, computer-support personnel, paralegals, and other attorneys. Created and managed a document depository containing over 50,000 documents and a computer database used by six law firms. Coordinated all discovery with 15 law firms hired by the client. The case was successfully settled for eight cents on the dollar
- *Birnbaum v. Milton-Meyer.* Obtained a defense award in an arbitration involving 12 plaintiffs claiming personal injuries and emotional distress

Tucker & Johnston
Los Angeles, California (1984 - 1986)
Law Clerk: Aviation Insurance Defense Practice. Assisted in trial preparation for senior trial attorney. Assisted in pre-trial discovery, drafted pleadings, and general legal research and analysis. Participated in creation of computerized document control database for airframe manufacturer. Worked full-time during law school

Collins & Collins
Pasadena, California (1983 - 1984)
Law Clerk: Litigation Practice. Assisted in pre-trial discovery, drafted pleadings, and general legal research and analysis

Civic Activities

- Blue Legacy International (Board of Directors member, 2014-2015)
- American Field Service (founder and past president of San Francisco chapter)
- British School of Motor Racing (graduate)
- The Collaborative Institute for Oceans, Climate and Security, University of Massachusetts Boston (Advisory Board member)
- Citizens Steering Committee for the Tijuana Parallel Wastewater Conveyance System Improvements Project (Chair 1997)

- Eco-Alianza Loreto A.C. (Advisory Board member)
- Environment Committee of the San Diego-Tijuana Region (member, 1994 - 2004)
- InfoMexus Border Information Institute (Advisory Board member)
- Interfaith Task Force/Centro de Asuntos Migratorios (volunteer attorney, 1990 – 1992)
- International Bering Sea Forum (member)
- Institute of the Americas (consultant and member, 1994 – 2003)
- Island Press (Thought Leaders Council member)
- Just Travel (Advisory Council member)
- North American Committee for Responsible Hazardous Waste Management (member, 1994 - 2004)
- One Earth, One Justice (Board of Directors member)
- Pro Peninsula (Board of Directors member, Chair 2001 – 2005)
- Project Concern International (consultant, fund-raiser and volunteer, 1994 – 2003)
- San Diego-Tijuana Border Initiative (Co-Chair Environment Committee)
- Southwest Center for Environmental Research and Policy (Advisory Board Member 1998 – 2001)
- SuMar A.C. (Advisory Board member)
- Surfrider Foundation (Board of Directors member 2000-2006 and 2014-2016, Chair 2001, and Treasurer, 2014-2015)
- Sustainability Accounting Standards Board advisor on resort and cruise ship sustainability accounting (2014)
- Terra Peninsular (Board of Directors member, 2000 – 2003)
- United Nations Association (Board of Directors member 1994 – 1995, and Coordinator of events for the celebration of the 50th Anniversary of the UN)
- U.S.-Mexican Border Environmental Information Web (Advisory Board Member, 1994 - 2004)
- Western Hemisphere Migratory Species Initiative (Advisory Council member)

Professional Affiliations

The State Bar of California (voluntary inactive status)

Environmental Law Section
- Executive Committee Member (1995 – 2001, Chair for 1998-1999)
- Chair of the International Environmental Law Committee
- Co-chair for special project on Natural Communities Conservation Planning
- Co-chair for special project on law firm paper waste reduction
- Member Environmental Justice Task Force
- Co-Editor of *Environmental Law News* (1996)
- Co-chair for "NAFTA and GATT: The Impact of International Treaties on Environmental Law and Practice" conference (1995)
- Prepared Section comments on Draft Guidelines and Criteria for Border Environment Cooperation Commission certification of border environmental infrastructure projects

International Law Section
- Member

Languages and International Experience

Spanish (fluent)

International study in Antigua, Guatemala; Dublin, Ireland; and Salta, Argentina
Extensive travel throughout Australia, Europe, Fiji, India, Japan, Morocco, Tanzania, the former Soviet Union, and Latin America

Awards

- Graduate School of International Relations and Pacific Studies, Outstanding Alumni Award (2011)
- SeaWeb Senior Fellow, this first ever fellowship for the organization focused on viability of a large scale corporate markets campaigns for four major seafood species (2004)
- Donella Meadows Fellowship to apply systems analysis to fisheries conflict resolution (2003-4)
- The UCSD Joseph Grunwald Award for the Promotion of Inter-American Understanding (2000)
- Loyola Law School Board of Governors Alumni Recognition Award (1999)
- Appointed to the presidential and congressional advisory committee, the Good Neighbor Environmental Board in October 1998
- Appointed to be a representative of the environmental community for California's Delegation to the Thirteenth Border Governors' Conference in August 1995
- Appointed Protocol Attaché to the Governor of New Mexico for the Tenth Border Governors' Conference in April 1992
- Selected by People to People, Citizen Ambassador Program to lead a delegation of U.S. attorneys to the European Community in March 1992
- Boswell Scholarship, 1979
- American Legion, God and Country Award, 1979
- Bank of America Math and Science Award, 1979
- American Field Service Study Abroad Scholarship, 1978

Peer Reviewed Publications

"The Crisis Upon Us" (on ocean acidification) *The Environmental Forum* (March 2015: Volume 32, Number 2)

"Sea Science: Marine Spatial Planning is Changing the Way We Deal With Oceans and Coastlines" with Hooper Brooks *Planning*, November 2011.

"Perverse Sea Change: Underwater Cultural Heritage in the Ocean is Facing Chemical and Physical Changes" *American Society of International Law's Cultural Heritage & Arts Review*. Summer 2011: Vol. 2, Issue 1.

"Before the Sun Sets: Changing Ocean Chemistry, Global Marine Resources, and the Limits of Our Legal Tools to Address Harm" *International Environmental Law Committee Newsletter* (May 2011: Vol. 13, No. 2, Page 8)

"Making Lemonade: Even before the Deepwater Horizon blowout we were seeking a robust new governance system to protect our oceans. We got marine spatial planning instead" *The Environmental Forum* (January 2011: Volume 28, Number 1)

"Silver nanospheres are cytotoxic and genotoxic to fish cells" published in *Aquatic Toxicology* (Vol. 97, 2010 pps 34–41 with John Pierce Wise Sr., Britton C. Goodale, Sandra S. Wise, Gary A. Craig, Adam F. Pongan, Ronald B. Walter, W. Douglas Thompson, Ah-Kau Ng, AbouEl-Makarim Aboueissa, Hiroshi Mitani, and Michael D. Mason)

"Conflict Resolution for Addressing Climate Change With Ocean-Altering Projects" published in *ELR* (37 ELR 10740, October 2007 with Charlotte de Fontaubert)

"Mobilizing Across Borders: The Case of the Laguna San Ignacio Saltworks Project", Working Paper Series, Justice in Mexico Project, UCSD Center for U.S.-Mexican Studies and USD Trans-Border Institute (Issue Number 9, 2006)

“Climate Change And Oceans” published by the Consultative Group on Biological Diversity (August 2004)

"Unauthorized Mexican Immigrants and Business-Generated Environmental Hazards in Southern California" published in *Critical Planning* (Vol. 8, Summer 2001 with Enrico Marcelli and Grant Power)

"Report of the Workshop on the Legal Aspects of Whale Watching," (1998 with Anna Moscrop) [Submitted to the International Whaling Commission by the Workshop chair, and member of the UK delegation to the IWC, Pat Birnie (Grenada 1999, Doc. No. IWC/51/WW1)]

"Lessons from NAFTA for APEC" *Journal of Environment & Development* Vol. 6, No. 3 September 1997. Pages 252-275

"Trade and the Environment: The British Columbian Timber Trade Example" published in the *Review of European Community and International Environmental Law* by the Foundation for International Environmental Law and Development (September 1995)

"Transparency of Environmental Regulation and Public Participation in the Resolution of International Environmental Disputes" published in the *Santa Clara Law Review* (Vol. 35, No. 4 1995)

"Resolving International Environmental Disputes: Public Participation and the Right-to-Know" published in the *Journal of Environment and Development* (February 1995)

"Is a Threat to Lloyd's of London also a Threat to the Environment?" published in the *Journal of Environment and Development* (June 1993)

Books

The Future of the Ocean: the next phase of our relationship with the most powerful force on earth, (forthcoming in 2016)

Sustainable Development in San Diego – Tijuana: Environmental, Social, and Economic Implications of Interdependence, Regents of the University of California (1999)

Mexican Employment Law, Employers Group (1997, with Sergio Martín-Sánchez and Judith Oakes)

Book Chapters

“The role of Portugal in the future of Trans-Atlantic cooperation with US” chapter for *O Mar no Futuro de Portugal: Ciência e Visão Estratégica* published by Universidade de Lisboa, Centro de Estudos Estratégicos do Atlântico (2014)

Forward to *Lagoon Time: Our Life and Times Among the Gray Whales of Laguna San Ignacio* published by A Higher Porpoise Design Group (2014)

"What is Successful Philanthropy?" and "Villages of Loreto Bay and Loreto Bay Foundation" chapters for *The Travelers’ Philanthropy Handbook* published by the Center for Responsible Travel (2011)

“Whales and Climate Change” chapter for *Whales and Dolphins: Behavior, Biology and Distribution* published by Nova Science Publishers Inc. (2010)

“Going Beyond Engineering: Sharing Standards for Sustainability” chapter for *Sustainable Infrastructure: The Guide to Green Engineering and Design* published by Wiley (2010)

"Adjacent US--Mexico Border Natural Protected Areas: Protection, Management And Cooperation" chapter for *Transboundary Ecosystem Management* published by the Southwest Center for Environmental Research and Policy/San Diego State University Press (2005 with Joanna Salazar)

“Mexico's Legal and Institutional Framework for the Conservation of Biodiversity and Ecosystems” chapter for *Biodiversity, Ecosystems, and Conservation in Northern Mexico* published by Oxford University Press (2005 with Alberto Székely, Luis Octavio Martínez Morales, Dominique Cartron, and Fernando Miranda)

“Improving Institutional Response to Environmental Problems,” chapter for *Both Sides of the Border: Transboundary Environmental Management Issues Facing Mexico and the United States* published by Kluwer Academic Publishers (2002)

“Whales and Shared Coastal and Marine Management of the Border Pacific” chapter for *Both Sides of the Border: Transboundary Environmental Management Issues Facing Mexico and the United States* published by Kluwer Academic Publishers (2002)

“Natural Capitalism on the U.S.-Mexican Border” chapter for *The U.S. Mexican Border Environment* published by the Southwest Center for Environmental Research and Policy/San Diego State University Press (2002, with Michael Kinsley and Hunter Lovins)

“The NAFTA Environmental Institutions and Sustainable Development on the U.S.-Mexico Border” chapter for *Shared Space: Rethinking the U.S. Mexico Border Environment* published by the Regents of the University of California (2000)

“A Synthesis of Institutional Activities and Practices” chapter for *The Mexico-U.S. Border Environment and Economy* published by The Aspen Institute (2000) [also available in Spanish (the chapter in both languages is also available at The Aspen Institute)]

"Addressing Border Environmental Problems Now and in the Future: Border XXI and Related Efforts" chapter for *The U.S.-Mexican Border Environment: A road map to a sustainable 2020* published by the Southwest Center for Environmental Research and Policy/San Diego State University Press (2000)

"Environmental Issues at the Mexican and American Border" chapter for *Environmental Crimes*, published by Aspen Publications (1998, with Richard Opper)

"North American Environment: Needs and Possibilities of the NAFTA Institutions" chapter for *The Role of the New NAFTA Institutions: Regional Economic Integration and Cooperation* published by the U.S. Department of Labor and North American Integration and Development Center (1998)

“Mexico Border Environment Regulation” chapter published in the *1996 Wiley Environmental Law Update* (1996, with Richard Opper)

Book Manuscript Reviews

Trade and Sustainability in the Americas by Carolyn Deere and Daniel Esty for MIT Press (April 2001)

Environmental Leadership in Developing Countries by Paul F. Steinberg for MIT Press (June 2000)

Published Book Reviews

Blue Frontier: Saving America’s Living Seas by David Helvarg published in *Making Waves* (Fall 2001)

Requiem for Nature by John Terborgh. Review published in the *Journal of Environment and Development* (June 2000)

Mexico and the NAFTA Environmental Debate: The Transnational Politics of Economic Integration by Barbara Hogenboom. Review published in *Millennium Journal of International Studies*, London School of Economics (December 1999)

Human Settlements and Planning for Ecological Sustainability: The Case of Mexico City by Keith Pezzoli. Review published in the *Journal of Environment and Development* (March 1999)

Consilience: The Unity of Knowledge by Edward O. Wilson. Review published in the *Journal of Environment and Development* (October 1998)

Green Politics and Global Trade: NAFTA and the Future of Environmental Politics by John Audley. Review published in the *Journal of Environment and Development* (February 1998)

Latin American Environmental Policy In International Perspective, Edited by Gordon J. MacDonald, Daniel Nielson, and Marc A. Stern. Review published in the *Journal of Environment and Development* (December 1997)

Clayoquot & Dissent, Edited by Ronald Hatch. Review published in "Otherwise: The Earth Pledge Foundation Book Review" (September/October 1995)

Losing Ground: American Environmentalism at the Close of the Twentieth Century, by Mark Dowie published in "Otherwise: The Earth Pledge Foundation Book Review" (January/February 1996)

Agriculture, Trade & the Environment by Bredahl, Ballenger, Dunmore, and Roe published in the *Journal of Environment and Development* (Fall 1996)

Judicial Misconduct: A Cross-National Comparison by Mary Volcansek published in "Otherwise: The Earth Pledge Foundation Book Review" (August/September 1996)

Blogging

As of September 2011, The Ocean Foundation has maintained a blog at http://www.oceanfdn.org/blog where I have authored one or two blog entries per month. In addition to our own blog, I am author of the following National Geographic Ocean Views blogs at http://voices.nationalgeographic.com/author/smartin:

- "Seeking Sanctuary Status for the Aleutian Island Archipelago," National Geographic's Ocean Views December 2014
- "Underwater Cultural Heritage As A Potential Environmental Time Bomb," National Geographic's Ocean Views October 2014
- "Ocean Acidification from Domestic to International," National Geographic's Ocean Views September 2014
- "Working Towards Sustainable Coastal Tourism," National Geographic's Ocean Views July 2014
- "Open Letter on the Occasion of the "Our Ocean" Conference," National Geographic's Ocean Views June 2014
- "More, Bigger, Better Marine Conservation," National Geographic's Ocean Views March 2014
- "Drought and Flood Effects," National Geographic's Ocean Views February 2014
- "Planning for Our Ocean Future," National Geographic's Ocean Views September 2013
- "Innovative solution of blue carbon helps manatees, dugongs, sea turtles, sea horses and many fish species," National Geographic's Ocean Views April 2013
- "Fish farming for our future" EcoTrust's Blog May 2013
- "A Day in the Delta," National Geographic's Ocean Views May 2013

- "After the Storm: What Next?" National Geographic's Ocean Views May 2013
- "The Past Speak to the Future: Sustainable Ancient Aquaculture," (with Kathryn Peyton and Ashley Milton) National Geographic's Ocean Views July 2013

Quarterly Columnist

Author of quarterly environmental law column published simultaneously by Specialty Technical Publishers in its law newsletters: *Site Assessment*, *Toxic Talk* and *Enviro Source*

- "Businesses Find Solutions for Global Warming" (Fall 2005)
- "The Forthcoming International Controls on Trade in Toxics" (Fall 2002)
- "The POPs Treaty Of May 2001" (Spring 2002)
- "Heavy Metal Politics: the on, off, then on again arsenic rules" (Fall 2001)
- "GMOs, the Next Environmental Hazard: A Solution to Limit the Use of Toxic Pesticides is Not Without its Own Difficulties" (Spring 2001)
- "Can the Environment Benefit from the Profit Factor?" (Fall 2000)
- "International Standards for Environmental Impact Assessment: A case study of the solar saltworks proposed for the El Vizcaíno Whale Sanctuary" (Summer 2000)

Miscellaneous Publications

EcoEarnings: A Shore Thing a TOF whitepaper (with Luke Elder, Sophia Mendlesohn JetBlue and Chui Lee ATKearney) December 2014

Offshore Aquaculture Regulation Under The Magnuson-Stevens Fishery Conservation And Management Act, with Harvard Law School Emmett Environmental Law & Policy Clinic, and the Environmental Law Institute (June 2013)

Why Aquaculture? a TOF whitepaper May 2013

Sustainable Aquaculture, International Development and Poverty Alleviation a TOF whitepaper (with Karen Muir) May 2013

Sustainable Next-Generation Aquaculture: Recirculating Aquaculture Systems (RAS) a TOF whitepaper (with David Guggenheim PhD) May 2013

There are Many Tools for Effective Fisheries Management: Preventing unintended negative consequences of catch shares, a TOF whitepaper March 2013

Using rights to promote stewardship has a prerequisite: Credible Governance, a TOF whitepaper March 2013

Offshore Aquaculture Regulation Under the Clean Water Act, with Harvard Law School Emmett Environmental Law & Policy Clinic, and the Environmental Law Institute (December 2012).

"A New Approach to Oceans." *E-The Environmental Magazine* (March/April 2011 Issue)

"Funders Explore Opportunities to Support Sustainable Aquaculture" published in *Biodiversity* (August 2006)

"Ocean's bounty must be ensured with ecosystem-based management" published in the *Anchorage Daily News* (July 2005 with Sean Crowley)

"More protection against oil spills needed" published in the San Diego Union Tribune (June 2005 with Sean

“Fishery certification wasn't justified,” published in the *Anchorage Daily News* (November 2004)

“Ocean policy reform needed before it's too late” published in *Bangor Daily News* (September 2004)

“Congress set to weigh how best to change national ocean policy,” published in the *Greenwich Time* (September 2004 with Sean Crowley)

“Bottom trawling clearcuts the oceans” published in the *Seattle Post* (August 2004)

“Marina Development Threatens Baja California Surf Breaks” published in *Making Waves* (June 2002 with Chris Pesenti)

“Let’s Have Some Conservation from the Conservatives!” published in *Making Waves* (April 2003)

“Oaxaca reforestation project” regional report published in the *Journal of Environment and Development* (April 2002)

“European Union Elements, Institutions, and Fair Trade Provisions: application of the European model for North America?” an detailed outline for a white paper sponsored and distributed by the Udall Center for Studies in Public Policy at The University of Arizona, the Southwest Research and Information Center, the North American Institute, and the Interhemispheric Resource Center (June 2001)

“Escalera Náutica: Stepping stairs to access environment beauty, or steps to despoil nature?” published in the (Bight of the Californias Bulletin, Spring 2001)

“NAFTA Chapter 11: A Challenge To Environmental Law Making?” published in the conference materials for the California State Bar Environmental Section Annual Yosemite Institute (October 2000 with Sanford E. Gaines)

“The Impact of Globalization on Environmental Sustainability in San Diego-Tijuana” published by the San Diego Dialogue (September 2000)

"Laguna San Ignacio opens a new front" published in the *San Diego Earth Times* (October 1999)

"The 27-28 November 23rd Extraordinary Session of the Bureau of the World Heritage Committee and the 30 November – 5 December 22nd Session of the World Heritage Committee" conference report published in the *Journal of Environment and Development* (June 1999)

"NADBank and the Public" published in *BorderLines* (February 1999)

"The use of law for conservation" Pro Esteros (September 1998)

"Tilting the Balance: Climate Variability and Water Resource Management in the Southwest" conference report published in the *Journal of Environment and Development* (July 1998)

"Annual Meeting on the Border Environment/Encuentro Anual Sobre El Ambiente Fronterizo" conference report published in the *Journal of Environment and Development* (July 1998)

"San Ignacio Lagoon has value beyond the sum of its parts" editorial published in *The San Diego Union-Tribune* (May 1998, with Lori Saldaña) [reprinted by the *Mexico City News* May 1998]

"Workshop on Legal Aspects of Whale Watching" conference report published in the *Journal of Environment and Development* (March 1998)

"Mitsubishi Plans to go forward with Saltworks in Gray Whale Nursery" editorial published in the *High Sierran* Sierra Club newsletter (February 1998)

"Tourism to benefit by a bi-national effort focused on protecting the coastal and marine environment" article published in the *San Diego Dialogue Report* (February 1998)

"California And The World Ocean '97 - Taking A Look At California's Ocean Resources: An Agenda For The Future" conference report published in the *Journal of Environment and Development* (December 1997)

"BECC Meeting Introduces New Management Team: Four Projects Sail Through with Board Approval" published in *BorderLines* (July 1997)

"Balancing the Border: How BECC and NADBank Can Help Small Communities" published in *BorderLines* (March 1997)

"A Status Report on the NADBank" published in *Border Links* (Winter 1997)

"The Greens Spent Their Green to Make the Campaigns Green: Did it Work?" published in *Environmental Law News* (January 1997)

"NAFTA: Environmental Impact Beyond the Borders" published by the National Environmental Policy Institute (1996, with John Turner)

"The NADBank Appropriations Battle is Won, Does the War Go On?" published in the *BECC Perspectivas* (January 1996)

"The Border Environmental Cooperation Commission and Border XXI" published in the *Journal of Environment and Development* (March 1996)

Introduction article regarding the papers prepared for the conference "NAFTA and GATT: The Impact of International Treaties on Environmental Law and Practice" published in the *Santa Clara Law Review* (Vol. 35, No. 4, 1995)

"Border Environment Cooperation Commission Update" published in the *Review of European Community and International Environmental Law* by the Foundation for International Environmental Law and Development (December 1995)

"NAFTA Environmental Pact Faces Doom" editorial published in the *San Antonio Express-News* (September 30, 1995)

"Sustainable Trade: An Overview" published in the Lewis and Clark University Natural Resources Law Institute's Newsletter (Summer 1995)

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