

JOYCE E. COFFEE

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PROFILE

- Visionary environmental leader recognized globally for efforts to make Chicago the greenest city in the world.
- Proven management experience in corporate, government and non-profit sectors.
- Possess a graduate degree from MIT and experience that includes global work assignments in the Philippines, Vietnam, Egypt, Hong Kong, Indonesia, Korea, Malaysia, and Taiwan.
- Recognized for in depth knowledge of environmental best practices and for making climate science technology actionable within both advanced economies like Chicago and in emerging markets in Asia.

EXPERIENCE

NOTRE DAME GLOBAL ADAPTATION INDEX Chicago, IL July 2013-Present

ND-GAIN, www.index.gain.org, is the world's leading Index showing which countries are best prepared to deal with global changes brought about by climate, population growth, urbanization and economic development.

Managing Director

- ND-GAIN ranks countries annually based on how vulnerable they are to the droughts, super-storms and other natural disasters and, uniquely, how ready they are to adapt, aiming to unlock global adaptation solutions in the corporate and development community that save lives and improve livelihoods while strengthening market positions.
- Enhance ND-GAIN user-base by helping governments, NGOs and the private sector better target investments that improve lives and protect livelihoods while furthering ROI.
- Interface between faculty and ND-GAIN stakeholders to inform ND-GAIN improvements as well as strategic, operational and reputational decisions regarding supply chains, capital projects and community engagements.
- Raise funds for ND-GAIN growth.
- Lead ND-GAIN Annual Meeting, ND-GAIN Corporate Adaptation Prize, www.gain.org/prize, and ND-GAIN communications efforts.
- Manage \$2M budget.

EDELMAN, Chicago, IL Jan 2011 – June 2013

Edelman, with 60 offices worldwide, is the leading independent PR firm and specializes in consumer, finance, healthcare, technology and industrial consulting services.

Vice President – Group Manager, Business + Social Purpose

Provided strategic corporate social responsibility (CSR) counsel to corporate, NGO and government clients such as Humana, SC Johnson, Best Buy, Kohl's, Wrigley, Takeda and PwC to:

- Promote the need for environmental, social, ethical and economic well-being to be central to an organization's decision making and reputation and report on progress.
- Motivate sustainable business impact that creates value through helping to cut costs, drive innovation and growth, reduce risk, motivate employees, increase customer loyalty and enhance the bottom line.
- Create multi-sector partnerships to enhance strategic positioning and philanthropy, including donor targeting and signature programs.
- Author *Climate Adaptation Exchange* blog www.climateadaptationexchange.com

CITY OF CHICAGO, DEPARTMENT OF ENVIRONMENT, Chicago, IL June 2004 –Jan 2011

The Department of Environment had a \$45 million annual budget. It developed environmental policies, initiatives and programs, enforced the City's environmental code and regulations and worked with other City departments, sister, state and federal agencies, businesses and not-for-profit organizations to protect and conserve natural resources, prevent pollution, foster energy efficiency, and engage Chicagoans in adopting environmentally-friendly behaviors. The Department led the *Chicago Climate Action Plan (CCAP)*, www.chicagoclimaction.org.

Director of Project Development, Policy and Research, Commissioner's Office Dec 2007–Jan 2011

Served as a member of Department's Senior Leadership Team with responsibility for providing strategic insights regarding risk management, and department efficiencies. Led and oversaw departmental employees. Managed \$15 million in stimulus funds.

Led CCAP citywide implementation. Managed a cross-functional team of the City's green staff. Facilitated implementation of more than 450 CCAP initiatives for the Mayor's Office. Created a CCAP adaptation strategy, troubleshot potential issues and gaps in the plan and innovated to avoid problems. Obtained grants, create new products, ensure continuous improvement, and manage legislative affairs. Oversaw the Department's water quality, water conservation, and green infrastructure programs.

Risk Management

- Led a key risk management effort, *Climate Adaptation Strategy*, which mitigates the risk of the City being \$2.4 billion over budget in 2050.
- Coached local government leaders to implement a flexible growth strategy and manage future risk caused by environmental factors.
- Advised Federal government on evolving National climate resiliency strategy.
- Authored "Preparing for a changing climate: The Chicago climate action plan's adaptation strategy," in *Journal of Great Lakes Research* Volume 36, 2010.

Environmental Leadership

- Identified global environmental solutions that can be successfully implemented locally, including innovative technologies and new ventures, with the goal of making Chicago the greenest city in the U.S.
- Reported to the Green Ribbon Committee, private sector and philanthropic representatives appointed by the Mayor to hold the City accountable for CCAP, on a quarterly basis.
- Led CCAP efforts to decrease citywide greenhouse gas emissions 25% below 1990 levels by 2020.
- Leveraged more than \$70 million in government, private sector, and philanthropic resources in support of CCAP. Built strong relationships, wrote compelling grants, and matched CCAP needs with philanthropic interest.

Performance Measurement

- Conceived of and implemented a CCAP continuous improvement process. Gathered environmental and quality of life indicator data from hundreds of stakeholders, created a process for efficient analysis, and modified implementation plans to efficiently achieve goals.
- Developed a process for, and managed City efforts to, "lead by example." These efforts scaled up carbon reduction, reduced energy consumption, enhanced transportation, and initiated renewable energy efforts.

Sustainability Execution

- Crafted and advocated for policy changes in support of CCAP including the *Air Ordinance*, the *Invasive Species Ordinance*, the *Soil and Rubble Reuse Agreement*, and the *Stormwater Management Ordinance*.
- Initiated and led the Chicago Conservation Corps, training hundreds of Chicagoans to be environmental change-makers in their communities.
- Led the coastal health strategy team for the national Great Lakes Regional Collaboration effort.
- Wrote Mayor Daley's *Bird* and *Air Agendas* with input from dozens of external stakeholders.

Director of Project Development, Natural Resources & Water Quality June 2006 – Dec 2007

Program Director (Contractor) June 2004 – June 2006

FARR ASSOCIATES ARCHITECTURE & URBAN DESIGN, Chicago, IL June 2002 – June 2004

Farr Associates is widely regarded as one of the most sustainable planning and architecture firms in the U.S. Its mission is to develop sustainable and economically feasible human environments.

Director, Communications and Business Development

Developed and maintained a strategy for Farr Associate's market expansion and institutional growth. Wrote and coordinated proposal and grant applications regarding sustainable architecture and sustainable urban land use.

Notable contributions:

- Organized the first-ever *Midwest Summit on Sustainable Redevelopment of Brownfield Sites* for USEPA Regions V and VII.

MONTGOMERY WATSON HARZA (MWH®), Chicago, IL July 1999 – June 2002
MWH, with offices on 6 continents, is the global water infrastructure sector leader and provides environmental engineering, construction, and strategic consulting services.

Project Development Consultant July 2000 – June 2002

Urban Environmental Planner July 1999 – July 2000

Co-created a new business unit, MWH Consulting, which advised global decision makers on municipal and industrial environmental quality projects in the U.S. and overseas.

Notable contributions:

- Managed all project development for \$135 million clean coal project including permits, schedules, environmental impact statements and public relations.
- Contributed to a long term water and wastewater master plan for Middle Egypt.
- Co-Authored, *“Development Guide for Indiana: Best Urban Land Management Practices.”*

THE WORLD BANK, Vietnam & Washington, DC May 1998 – Aug 1998 & Jan 1999
The World Bank, founded in 1945, is a family of 5 international organizations that makes leveraged loans, generally to less developed countries.

Urban Services Planner

Served as local liaison to World Bank leaders engaging with Vietnamese government leaders. Developed strategies for local innovations in water conservation and supply.

Notable contributions:

- Authored Haiphong municipal improvement report and Vietnam land use strategy.
- Researched and wrote a case study, *“Innovations in Municipal Service Delivery: Haiphong Water Supply Company,”* which focused on capacity development and institutional change.

JEC CONSULTING, Hanoi, Vietnam April 1997 – Aug 1997
JEC Consulting offered environmental analysis and consulting services to Multi-lateral Development Agencies and the National Environmental Agency.

Consultant

- Evaluated water and sanitation needs for the United Nations Development Program rural poverty survey, advised on an Asian Development Bank coastal health report, and advised the National Environmental Agency on industrial clean production.

U.S.-AID, Asia & Washington, DC July 1993 – April 1997
The United States Agency for International Development (US-AID) is the U.S. government agency primarily responsible for administering foreign aid. US-AID has more than 1,700 employees.

U.S. Asia Environmental Partnership (US-AEP)

US-AEP was created to help Asian governments and corporations to encourage innovation and to promote mature environmental partnerships with US companies. Established synergies and cooperation between US and Asian government and private sector entities with the overarching goal of increasing environmental conservation.

International Resources Group, Manager, Regional Field Operations

Coleman Associates, Senior Associate, Professional & Organizational Development

Tropical Research & Development, Associate, Biodiversity Conservation

Technical support services contractor to USAID creating industrial pollution prevention and clean production programs in Hong Kong, Indonesia, Malaysia, Philippines, Korea, Taiwan, and Thailand.

Notable contributions:

- Managed institutional development and grant activities with 5-year budgets of more than \$25 million.
- Led cross functional start-up operations for a new regional HQ in Manila, Philippines that supported US-AEP’s efforts in 26 Asian countries.
- Collaborated with Federal agencies including the EPA, Department of Commerce, Department of Energy, and US-AID. Identified areas of strength within each agency that could be shared with Asian governments.

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, MA

M.S. City Planning

June 1999

- Focus on Regional and International Planning: Water Infrastructure Institution Building

TUFTS UNIVERSITY, Medford, MA

Dual Degrees: B.S. Biology and Environmental Studies, minor in Asian Studies

June 1993

- Focus on Human Health and Natural Resource Conservation

UNIVERSITY OF HANOI, Hanoi, Vietnam

Public Health Administration; Traditional Farming

Winter – Spring 1992

- Awarded the *Henry Luce Fund Scholarship*

ACCREDITATIONS

LEED Accredited Professional

AFFILIATIONS

United States Global Change Research Program, *Invited to author the “Urban Systems, Infrastructure, and Vulnerabilities” chapter of the 2013 Synthesis of the National Climate Assessment*

Aspen Institute, *Socrates Fellow*

Chicago Council on Global Affairs, *Emerging Leaders Fellow*

Alliance for Water Efficiency, *Founding Member, Board of Directors*

A Better Chicago, *Member of the Investment Council*

Brookings International Young Leaders Climate Change Summit, *Great Lakes Delegate*

Chicago Conservation Corps, *Leader*

Wicker Park Garden Club, *Conservation Advocate*

Women Employed, *Investor for Change*

Women’s Climate Impact, *Steering Committee*

UN Climate Change Secretariat Momentum for Change, *Technical Expert*