

## The Honorable Ronald C. Packard

Congressman Ron Packard was first elected to Congress on November 2, 1982 by a write-in vote—only the fourth successful write-in candidate in the history of the United States Congress. Congressman Packard served for 18 years representing the 48<sup>th</sup> District in California. He routinely captured over 70 percent of the vote in his reelection campaigns. He retired from the Congress on January 3, 2001

Ron Packard was born on January 19, 1931 in Meridian, Idaho, where he spent his youth and attended high school. After studying at Brigham Young University and Portland State University, he entered the University of Oregon Dental School and received his D.M.D. degree in 1957.

From 1957 to 1959, Packard was stationed at Camp Pendleton, California on duty with the U.S. Navy Dental Corps. Following his service in the Navy, he relocated his family and practice to the Carlsbad area and founded the Packard Dental Clinic. Packard soon became active in local civic and business affairs. His first public post was as a trustee of the Carlsbad Unified School District, serving from 1962 to 1974, including three years as Chairman. He was the director of the Carlsbad Chamber of Commerce for four years, and served two years on the Carlsbad City Council, culminating in his election as Mayor of Carlsbad in 1978. During his four years as Carlsbad's Mayor, Packard became deeply involved in regional affairs. He served for three years on the transportation policy committee of the League of California Cities, and spent four years as a Director of the North County Transit District. His leadership brought him to the forefront of regional issues, culminating in his two-year Presidency of the Council of Mayors for the San Diego County.

Congressman Packard served on the prestigious House Appropriations Committee and during his tenure on that committee chaired the Energy and Water Development, Military Construction and Legislative Branch Subcommittees. He also worked as a senior member of the Transportation and Foreign Operations Appropriation Subcommittees. Previously, the Congressman served on the Public Works and Transportation Committee and the Science, Space and Technology Committee.

Married in 1952 to Joan Sorenson, Congressman and Mrs. Packard have seven children, thirty-four grandchildren, and four great grandchildren.

Since retiring from Congress, Congressman Packard has established a consulting firm, Packard Government Affairs.



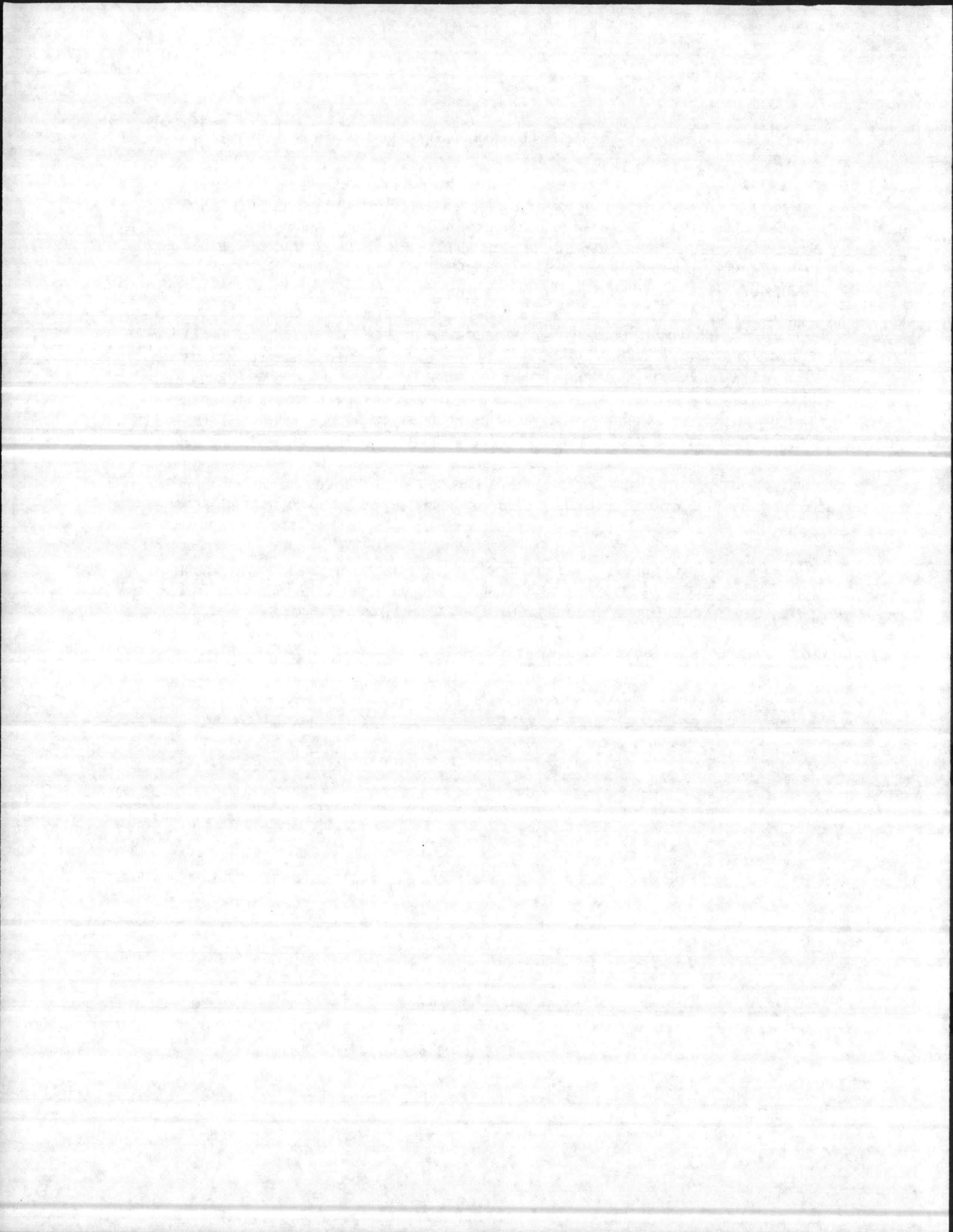
**The Honorable Robert B. Pirie, Jr.**

Mr. Pirie has over forty years experience in defense-related work in the armed forces, the civil service and in industry. He has served as Assistant Secretary of Defense, Assistant Secretary of the Navy, Undersecretary of the Navy, and Acting Secretary of the Navy. A Naval Academy graduate in the class of 1955, he was also a Rhodes Scholar, and attended Oxford University from 1956 to 1959. He served twenty years as a naval officer, culminating his service with three years in command of a nuclear attack submarine.

Upon retirement from active duty in the Navy in 1975 Mr. Pirie joined the newly formed Congressional Budget Office as Deputy Assistant Director, National Security. In 1977 Mr. Pirie became Principal Deputy Assistant Secretary of Defense (Manpower, Reserve Affairs and Logistics). He was nominated to be Assistant Secretary of Defense (Manpower, Reserve Affairs and Logistics) by President Carter in December, 1978, and served in that position until January, 1981. After leaving government service he held a variety of positions in the private sector, including that of President of Essex Corporation, Vice President of the Center for Naval Analyses and Vice President of the Institute for Defense Analyses. He also directed the Chief of Naval Operations' Strategic Studies Group from 1989 to 1992.

Mr. Pirie became Assistant Secretary of the Navy (Installations and Environment) in 1994, Undersecretary of the Navy in 2000 and Acting Secretary of the Navy in January 2001, serving in that position until June 2001.

Mr. Pirie and his wife, the former Joan Adams of Barrington, Rhode Island, reside in Bethesda, Maryland. They have three grown children: two sons, John and Carl, a daughter, Susan, and a granddaughter Ava Roberts Pirie.



**Jerome B. Gilbert**

Consulting Engineer

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**BIOGRAPHICAL INFORMATION**

**EXPERIENCE**

Consulting Practice. As an independent consulting engineer (1991 to present), providing advice on water and wastewater management, and rate analysis, water resources, water transfers and rights, strategic planning and regulatory compliance, activities include:

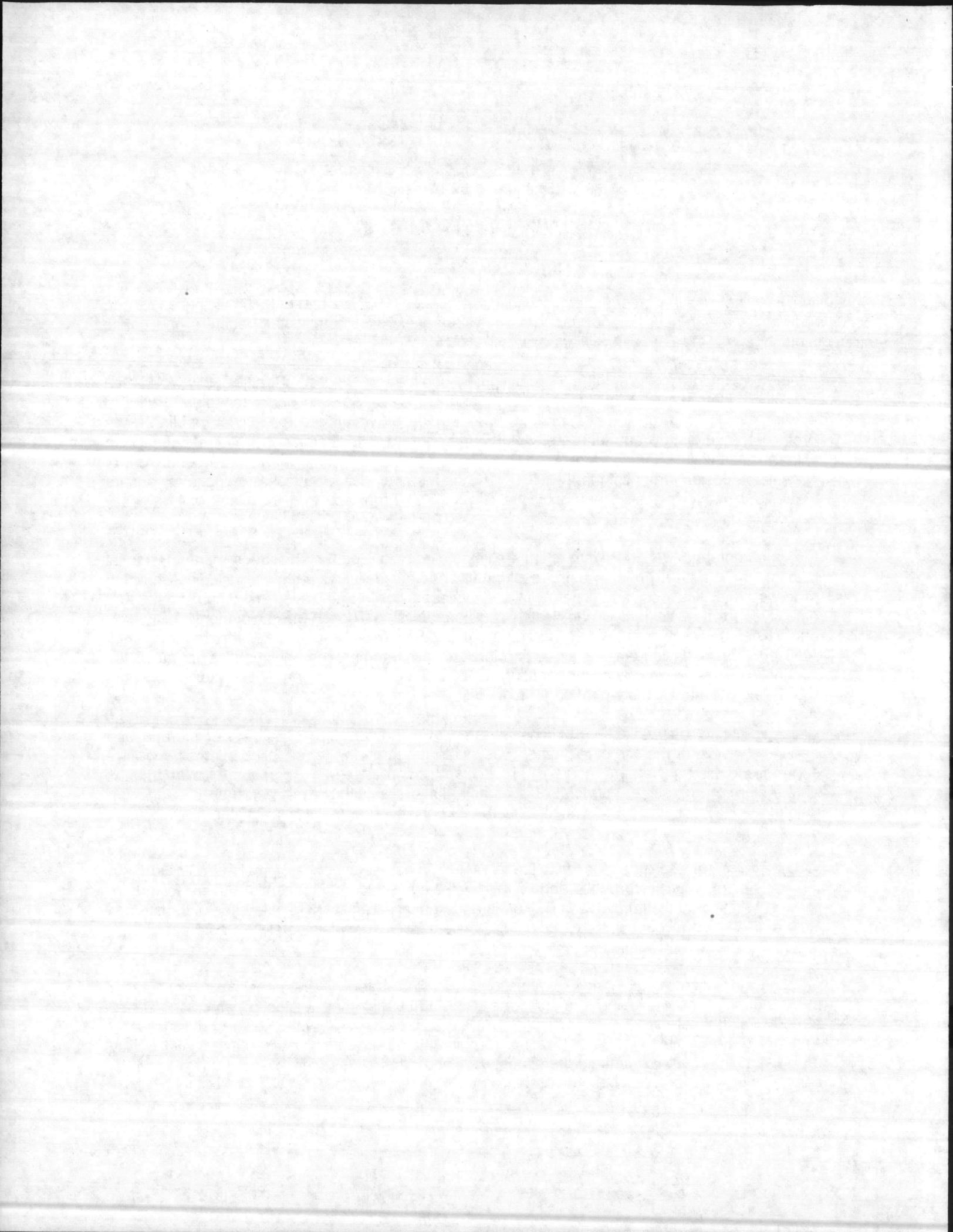
Water Treatment and Watershed Protection. Appointed by Tucson, Seattle, New York, San Francisco, Metropolitan Water District, EPA, and the Water Science and Technology Board to expert panels to provide independent assessment of watershed practices, public health protection, and water treatment facility plans and operations including desalination, compliance with the Clean Water Act, and the Safe Drinking Water Act. Seattle work has included review of consultant, design, and pilot plant work contracts. Member of a technical review committees for watershed master-plans prepared by the City of San Francisco and the Santa Clara Valley Water District.

Management and Public-Private Partnerships. Assisted Seattle and Sacramento Regional Sanitation District on projects using design/build/operate delivery methods, including selection process, specifications and contracting. Developed the organization concept, goals and objectives for the Western Urban Water Coalition; assisted Tucson in employment of Director; and assisted the Sydney Water Board of Australia in establishing an expert review panel. Advised Seattle on long-range strategic plan and capital improvement priorities, organization staffing and efficiencies, and information and control system improvements. Assisted Santa Clara Valley Water District on management audit.

Planning and Conservation. Providing assistance in the development of water storage and transfer projects for the use of reclaimed wastewater and fresh water supplies to meet long-term shortages or drought emergencies. This included compliance with regulatory, environmental and integrated resource aspects of regional plans. Initiated AWWA water conservation guidance, HUD water conservation documents, and California Urban Water Management Program.

Water Transfers. Serving as a principal in Water Transfer Associates, provided assistance in the transfer of water from public and private water right holders to potential buyers for urban, environmental or agricultural use in California and Kansas. This work has resulted in transfers in Yolo and Alameda Counties and studies of transfers including wastewater, in Sacramento, San Joaquin and Fresno Counties.

Groundwater Management and Remediation. Assisted potentially responsible parties and/or public agencies in developing strategies, policies and cost sharing for the conjunctive use and remediation projects for the extraction, treatment and delivery of water to the drinking water systems in the San Gabriel Basin, Fresno, Sacramento, and South Tahoe areas. Water quality and distribution system impacts were analyzed and alternatives were developed to optimize capital, energy, labor, and chemical costs.



Expert Witness. Provided expert witness testimony, advice and analysis on remediation and regulatory compliance, water rights, and water utility operations, for such clients as: The State of California, the Department of Justice, the City of Los Angeles, the San Jose Water Company, Fireman's Fund, and other private clients.

East Bay Municipal Utility District. As General Manager and Chief Engineer (1981-91), directed operations of a regional water and wastewater utility with recreation, land management and power generation responsibilities. Issues of significance included: strategic planning, water rights, watershed protection, conservation; health and environmental regulations; wastewater treatment, reuse, and industrial pretreatment; computerization of administrative function and system operations; facility replacement and modernization; rates, budgets and financing; and interagency cooperation and legislation.

Brown and Caldwell/J.B. Gilbert & Associates. As Vice President, BC (1978-81) and President, JBGA (1972-78), provided consulting engineering services to public and private clients on water quality and wastewater planning; engineering; and water conservation. Prior to the merger, prepared industrial, water and environmental plans for such companies as Dow Chemical and Sunkist Growers, and such cities as San Francisco, Sacramento and San Diego. Work products included water right applications, rate studies, environmental reports, regional water studies, testimony, and presentations.

State Water Resources Control Board. As the first Executive Officer (1969-72), organized and directed statewide water rights and pollution control programs, including basin plans, enforcement and grant programs. Work products included Sacramento/San Joaquin Delta and American River water rights decisions. Prior to and during this period, aided in writing the Porter-Cologne Act and the Federal Clean Water and Safe Drinking Water Acts. As a Member (1964-69) and Chairman (1967-69), coordinated the pollution control, water quality planning and enforcement efforts in the San Francisco Bay Region.

North Marin County Water District. As General Manager and Chief Engineer (1958-69), directed utility operations, including financing; multi-agency contracts; and facilities to deliver Russian River. Chairman and member of San Francisco Bay Regional Water Quality Control Board (1964-1969).

U.S. Agency for International Development. Consultant (1967) to World Bank on Philippine water and sanitation management and financing.

## EDUCATION

B.S. Civil Engineering, Cincinnati, 1953

M.S. Civil Engineering, Stanford, 1954

## PROFESSIONAL

Engineering Registration – California and Ohio

Member, National Academy of Engineering

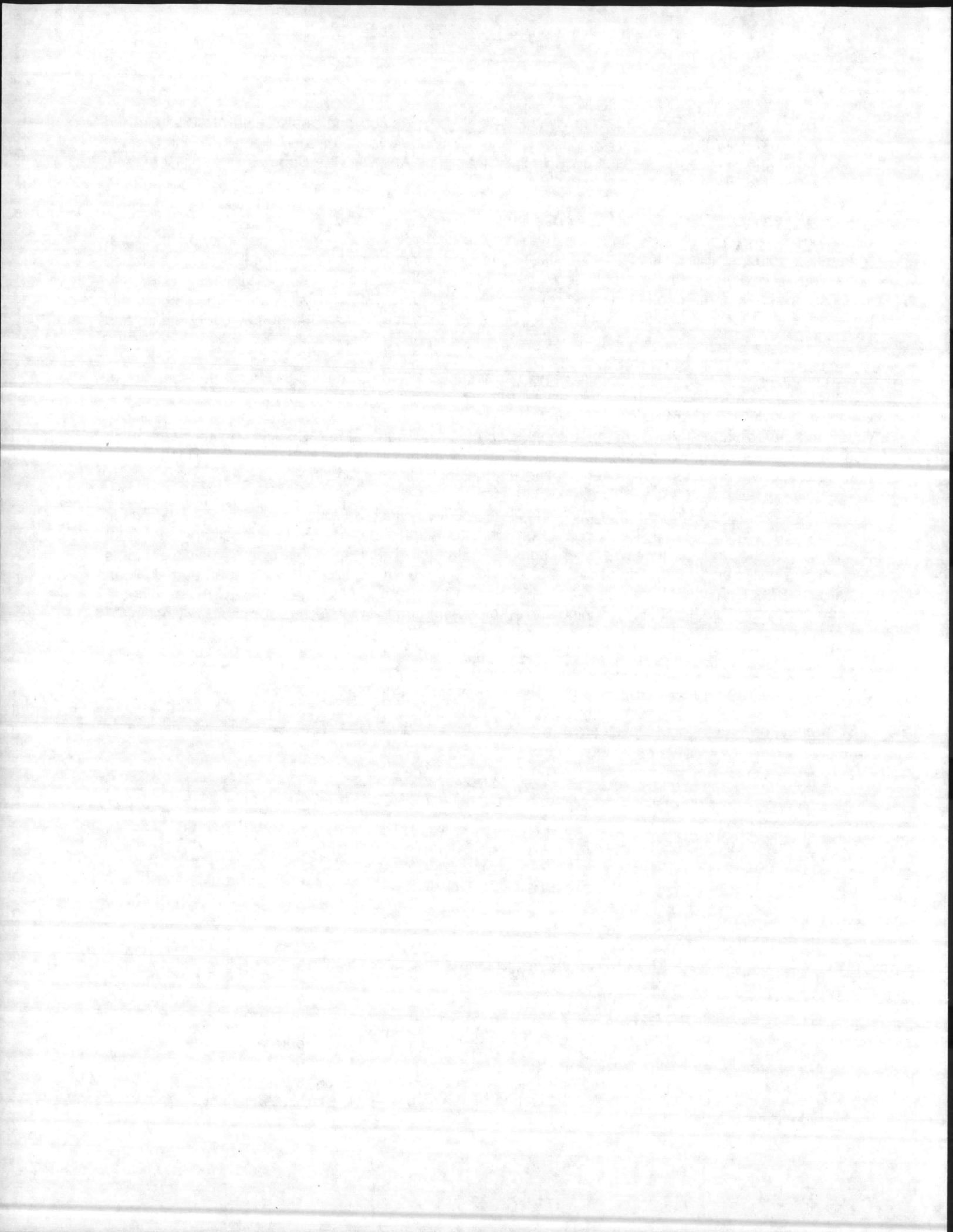
Diplomate, American Academy of Environmental Engineers

## OFFICES AND APPOINTMENTS--2004

International Water Association, Member of Executive Committee, Chair of Programme Committee, and member of AQUA Editorial Board.

American Water Works Association International Committee, Program Subgroup member.

Water Science and Technology Board of the National Research Council, Chair, SW Pennsylvania Regional Water Quality Study



### **OFFICES and APPOINTMENTS--PAST**

American Academy of Environmental Engineers, President (1991-1992)  
American Water Works Association, President (1979-80)  
American Water Works Association Research Foundation, Chairman (1986-89)  
Association of California Water Agencies, Board Member (1985-91)  
California Urban Water Agencies, Chairman and Member (1988-91)  
California Municipal Utilities Association, Board Member (1981-91)  
International Water Services Association, Chairman of Scientific and Technical Council (1993-1999)  
National Academy of Science Water Science and Technology Board, Member (1982-86)  
National Drinking Water Advisory Council of EPA, Member (1975-78)  
EPA Member of SDA Affordability and Arsenic Cost Workgroups(2000-2003)

### **SOCIETY MEMBERSHIPS**

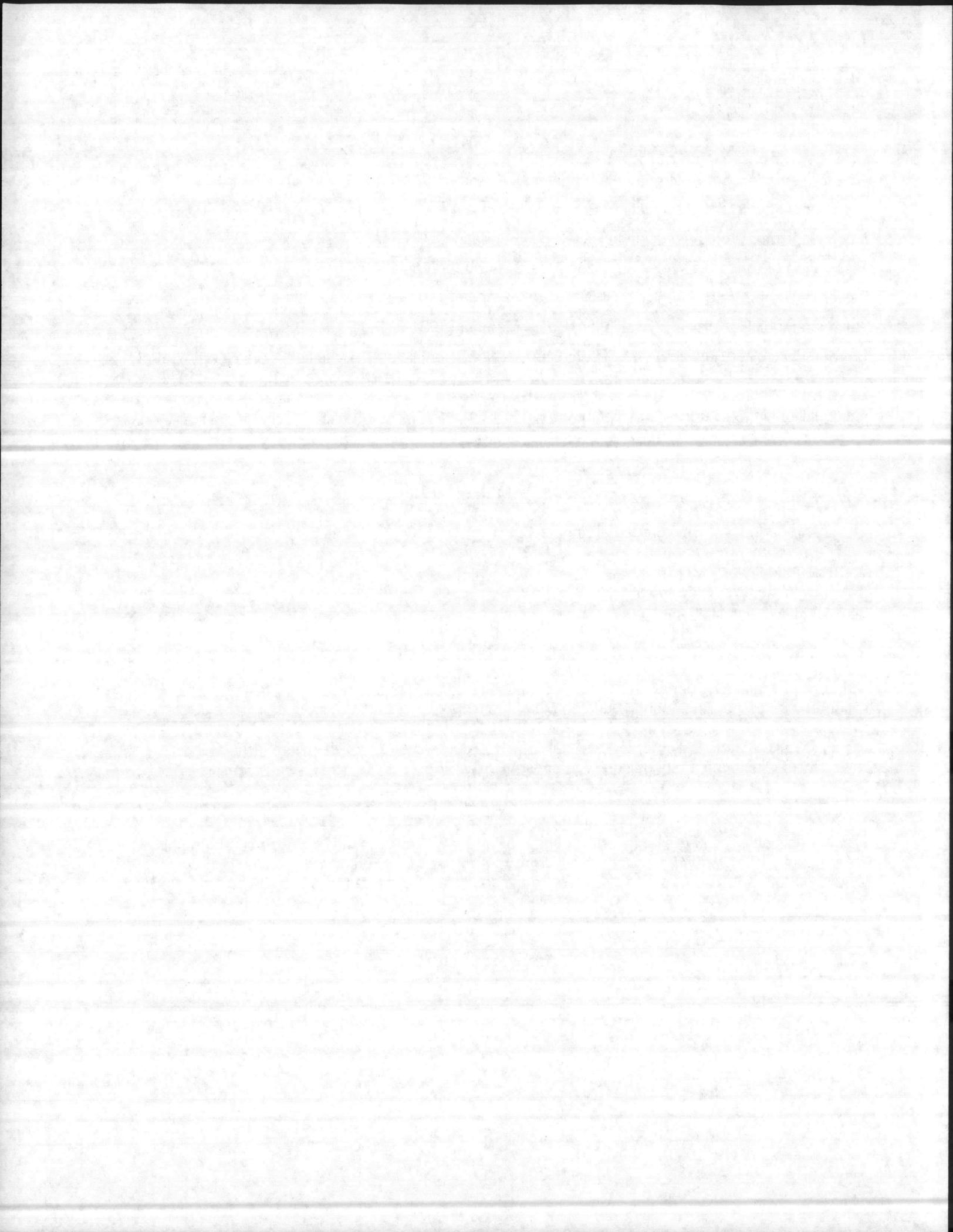
American Academy of Environmental Engineers  
Water Environment Federation  
American Society of Civil Engineers  
American Water Works Association  
International Water Association

### **AWARDS AND HONORS**

Institution of Water Engineers and Managers (UK), Friendship Medal (1992)  
National Academy of Engineering, elected Member (1989)  
American Water Works Association, Medal of Outstanding Service (1989), Honorary Member (1984), Water Utility Man of the Year (1971), George Warren Fuller Award (1971)  
University of Cincinnati, Distinguished Alumnus Award (1981)

### **PUBLICATIONS**

A list of publications and presentations can be provided, and most recently includes co-authorship of the AWWA books *The Changing Water Utility: Creative Approaches to Effectiveness and Efficiency*, February 1998, and *The Evolving Utility: Pathways to Higher Performance*, June 2003.



Richard D. Hearney has served as a director of InfoSpace Inc. since September 2001. General Hearney served as President and Chief Executive Officer of Business Executives for National Security, an organization focusing on national security policy from January 2000 to April 2002. He joined McDonnell Douglas Corporation in 1996 and served as Regional Vice President of Business Development-Western Europe until the acquisition of McDonnell Douglas by The Boeing Company in 1997, and subsequently served as Vice President of the Military Aircraft and Missile Systems Group of Boeing until November 1999. General Hearney served in the United States Marine Corps for over 30 years, and retired from military service in 1996 as Assistant Commandant of the Marine Corps.

Gen. Richard D. Hearney, USMC (Ret.) served as president and chief executive officer of Business Executives for National Security (BENS) from January 2000 to April 2002. BENS is a national, nonpartisan organization of business leaders, who apply the lessons of their successful businesses to making our country safer and more secure.

Prior to joining BENS, General Hearney was vice president of Military Aircraft and Missile Systems Group for the Boeing Company. He joined the former McDonnell Douglas Corporation in 1996 as regional vice president of Business Development - Western Europe, and while in London, served as the company's senior representative in Europe.

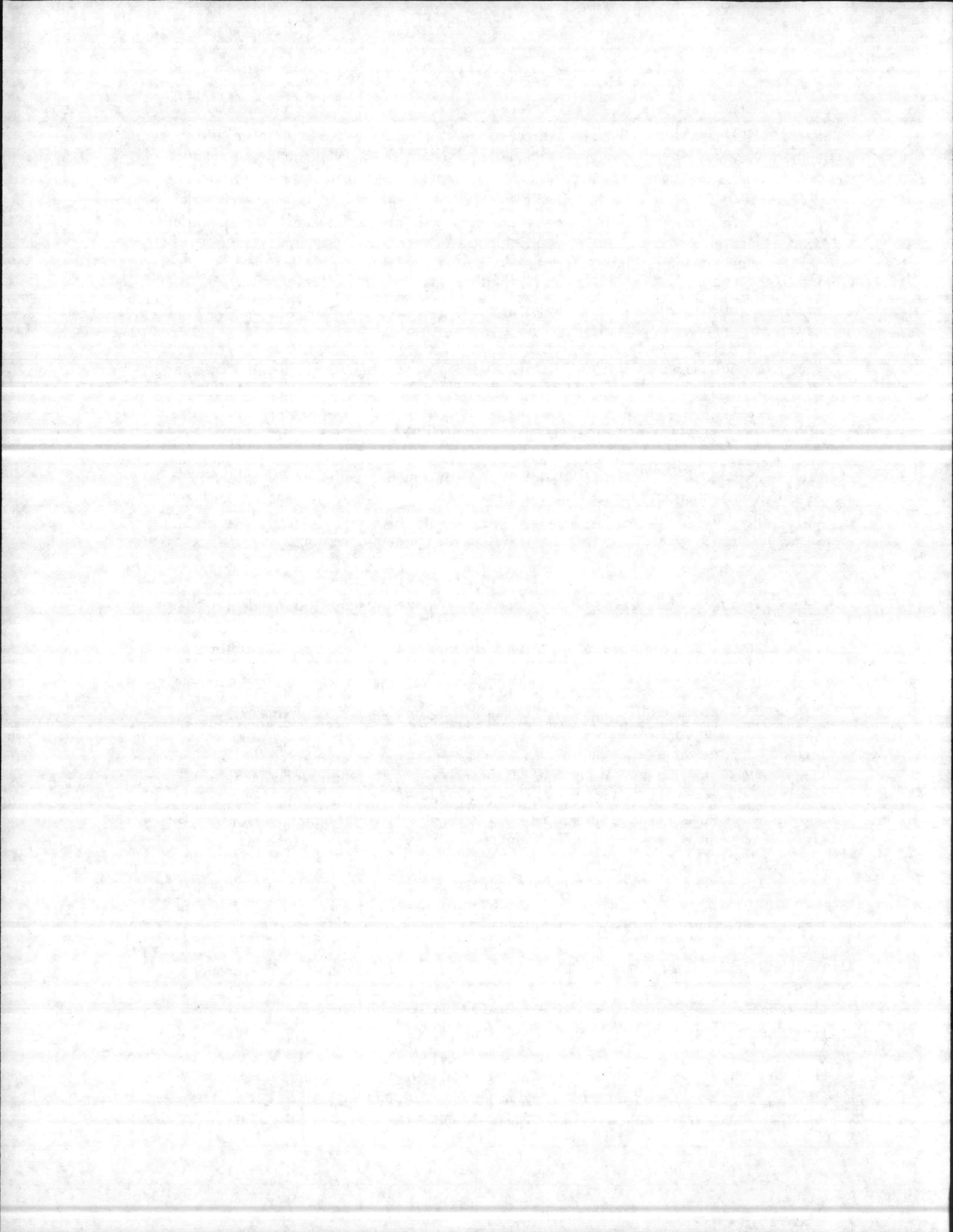
General Hearney retired from military service in 1996 as Assistant Commandant of the Marine Corps. A highly decorated veteran, General Hearney has held command positions at the squadron, air group and air wing level. During Desert Shield and Desert Storm he served as Deputy Commander, 1st Marine Expeditionary Force. He has also held numerous senior staff assignments, including Deputy Director for Operations, U.S. European Command and Deputy Chief of Staff for Requirements, Programs and Aviation, Headquarters Marine Corps.

General Hearney is a native of Petaluma, California. He was commissioned a 2nd Lt. in the Marine Corps in 1962. He holds a bachelor of arts degree from Stanford University and a master of arts degree from Pepperdine University. He is also a graduate of the Naval War College, Newport, Rhode Island.

General Richard D. Hearney retired from the Marine Corps on 1 November 1996. His last active duty assignment was as the Assistant Commandant of the Marine Corps, Headquarters Marine Corps, Washington, D.C.

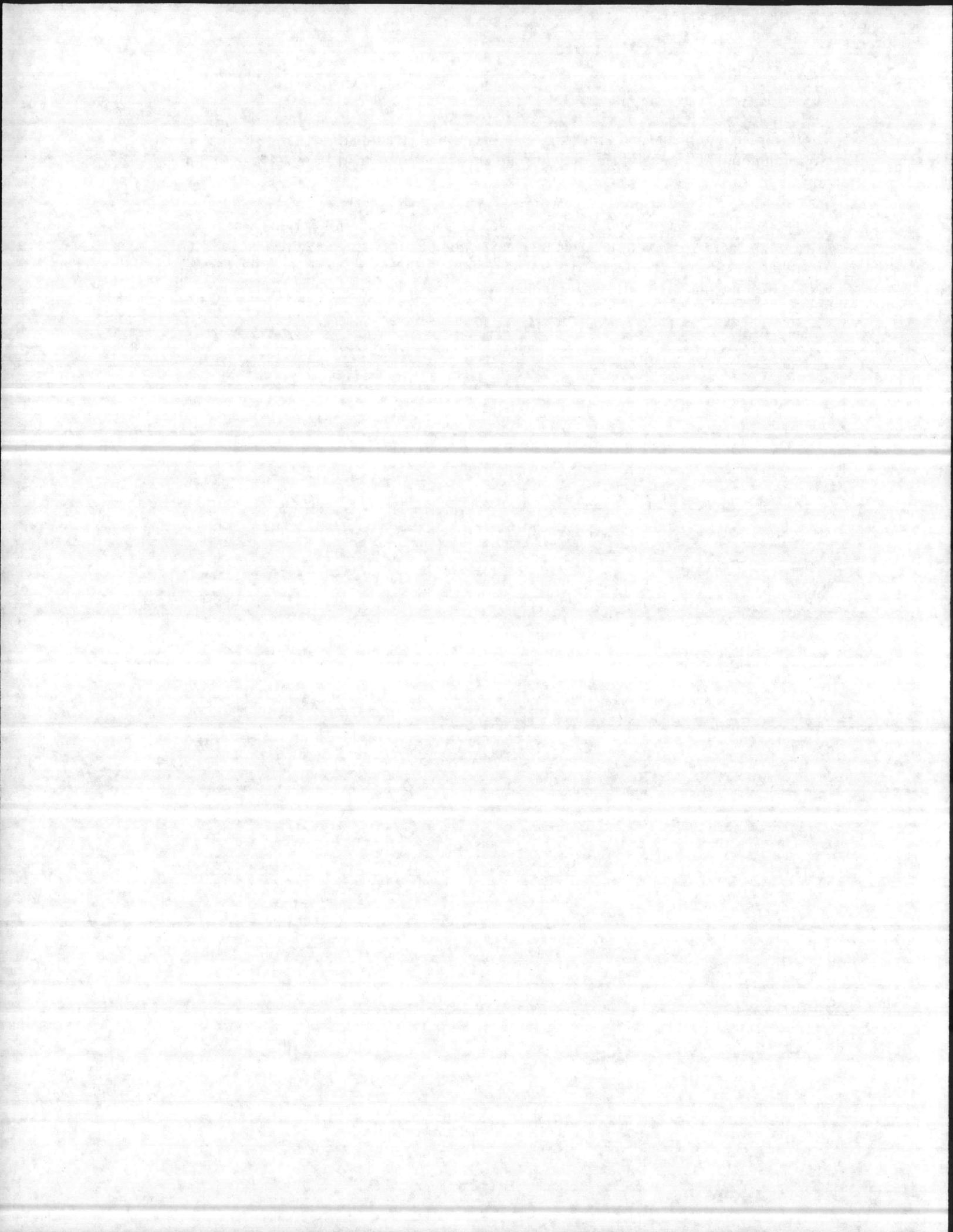
General Hearney is a native of Petaluma, California. He was commissioned a second lieutenant in 1962 following completion of the Platoon Leaders Class Program. He holds a B.S. degree from Stanford University and an M.S. degree from Pepperdine University. He graduated from the Naval War College, Newport, Rhode Island in June 1980.

General Hearney has commanded at the squadron, air group, and air wing level. During Desert Shield and Desert Storm he served as Deputy Commander, I MEF. His staff tours included Deputy Director, J-3, U.S. European Command as well as Deputy Chiefs of



Staff for Requirements and Programs, and Aviation at Headquarters Marine Corps, Washington, D.C. General Hearney was advanced to general and assumed his last duties on 15 July 1994.

His personal decorations and medals include: the Defense Superior Service Medal; Legion of Merit with gold star, Distinguished Flying Cross; Bronze Star Medal with Combat "V", Purple Heart, Air Medal with Combat "V" and bronze numeral "39" , and Navy Commendation Medal with Combat "V".



**Robert G. Tardiff, Ph.D., ATS**, co-founder and President of *The Sapphire Group*<sup>™</sup>, is an internationally recognized expert in toxicology and risk assessment with more than 25 years of experience directing and conducting risk assessments and developing risk assessment methodologies for a range of projects. He has been a principal of several major risk assessment firms.

Previously, he was Chief of the Toxicological Assessment Branch of the U.S. EPA and Executive Director of the National Academy of Sciences/National Research Council Board on Toxicology and Environmental Health Hazards. He has performed toxicologic interpretations and research, risk assessments and safety evaluations, and regulatory compliance evaluations on chemicals in water, air, and consumer products. His expertise includes scientific evaluation of the toxicity of substances regulated under the major federal environmental statutes and under comprehensive state statutes, development of methods in comparative risk assessment and risk communication. Dr. Tardiff is also active as an editor on a number of toxicology and environmental health journals.

He has been involved in a number of international seminars and conferences as a member of the organizing group and has close contacts with regulators in many parts of the world including the USA, Canada, and Europe. He has also published numerous books and publications on a wide range of health and toxicologic topics. Dr. Tardiff completed undergraduate degree in Biology from Merrimack College and his doctorate in Pharmacology and Toxicology from the University of Chicago. Dr. Tardiff has certification as a Fellow from the Academy of Toxicological Sciences and has been honored by the U.S. EPA through their Scientific and Technological Achievement Award—Health Effects; by the U.S. Public Health Service through a Predoctoral Traineeship; and by the Society for Risk Analysis through a Fellowship.

Dr. Tardiff has held or currently holds memberships in the Academy of Toxicological Sciences, American Association for the Advancement of Sciences, American College of Toxicology, American Society of Pharmacology and Experimental Therapeutics, Environmental Mutagen Society, International Scientific Group on Methodologies for the Safety Evaluation of Chemicals, International Society for Regulatory Toxicology and Pharmacology, and Society of Toxicology and was a co-founder and former president of the Society for Risk Analysis.

