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Since 2012, Dr. Kovalick's consulting practice is directed at helping private companies, technology entrepreneurs, universities, foreign governments and international assistance agencies in understanding:

- Contaminated site and hazardous waste program policy, design and implementation—domestic and international
- New developments in technologies for measurement and cleanup of contaminated soil and groundwater
- EPA policy and state regulatory programs (especially affecting technology acceptance and commercialization)
- Opportunities for research partnering, demonstration, verification, and funding to speed environmental technology commercialization and diffusion
- Understanding Federal programs for trade promotion. (He has led and participated in trade missions regarding environmental cleanup technologies in the Argentina and the Baltics.)

Dr. Kovalick is the principal author of a new World Bank publication (May 2014), **Developing a Program for Contaminated Site Management in Low and Middle Income Countries**. The report is directed toward staff of international assistance organizations and country Ministries of Environment (as well as Finance); it outlines options for policy development for a contaminated site program, legislative approaches, various regulatory strategies (for subjects such as priority lists, role of risk assessment) as well as possible linkages to site redevelopment initiatives. It describes typical functions for program organization and suggests the potential for partnering with other Federal and state level agencies, consultants, universities, and existing laboratory infrastructures. The report is available at:

<http://documents.worldbank.org/curated/en/2014/05/19523100/developing-program-contaminated-site-management-low-middle-income-countries>

Dr. Kovalick was a charter member of U.S. EPA. Until his retirement in January, 2012, he served for five years as the senior official for management and administration for EPA's Regional Office in Chicago, which works jointly with states and tribes in the six Midwestern states to carry out EPA's environmental protection mission. For this 1200 person organization, his responsibilities included human resources, information technology, geographic information support, facilities, budget, and contracts and grants. He was the senior resource official accountable for the region's \$3B budget, which included over \$1.4B in contracts and grants. He also chaired the region's Science and Technology Council and helped author the Agency's environmental technology strategy—released in fall 2011.

From 1990 to 2006, in Washington, Dr. Kovalick managed a technology innovation office that championed new remediation and monitoring technologies for both emergency and traditional hazardous waste site cleanups. His division provided policy leadership and technology information across EPA and enabled the broader use of such technologies by partnering with other Federal agencies, States, consulting engineers, technology vendors and other countries. He also managed a respected special field unit, the Environmental Response Team, which supported difficult and complex EPA emergency and traditional site responses nationwide, including the anthrax and ricin cleanups in the U.S. Senate and the Columbia Shuttle recovery.

He served from January 1993 until June 1994 (during the Clinton Administration transition period) as the Acting Deputy Assistant Administrator for the Office of Solid Waste and Emergency Response. This office is EPA's national program manager for all solid and hazardous waste regulatory programs, as well as site remediation, underground storage tank, chemical emergency preparedness, and innovative remediation technology issues.

For five years prior to January 1990, he was the Deputy Director of the Superfund program where he shared leadership responsibilities for a nation-wide program to respond to hazardous substance releases -- both of an emergency nature as well as from abandoned waste disposal sites.

Joining EPA in 1970 from one of its predecessor agencies, Dr. Kovalick worked at EPA Headquarters and two of its Regional Offices to develop an effective partnership with the States in implementing the **Clean Air Act**. From 1974 to 1978, he managed a program to develop the initial standards to define hazardous wastes and to regulate generators and transporters of such waste. Until 1984, he directed a staff office of the Office of Toxic Substances to develop strategies and information systems for Agency-wide regulation of chemicals.

He represented EPA on hazardous waste and chemical issues to several international organizations (UNEP and OECD), chaired/co-chaired several five year NATO projects (1990-2007) to share information among countries on site remediation technologies, and in 2011 helped organize and presented at a NATO Advanced Research Workshop on *Drinking Water Protection by Integrated Land Management* in Belgrade, Serbia involving over 20 countries.

Dr. Kovalick holds a Bachelor of Science in Industrial Engineering and Management Science from Northwestern University and a Masters in Business Administration from Harvard Business School. He holds a Ph.D. in Public Administration and Policy from Virginia Polytechnic Institute. He is twice a recipient of the President's Meritorious Executive Award (most recently in 2001) as well as EPA Bronze and Silver Medals for Superior Service. In February, 1991, he was named by Engineering News-Record magazine as one of their "1990 Marksmen." In 1997, he received the EPA Fitzhugh Green Award for Outstanding Contributions to International Environmental Protection over 20 years. In May, 2000, he received the Virginia Tech College of Architecture and Urban Studies Alumni Award for Outstanding Professional Accomplishment. He was awarded EPA's Distinguished Career Service Award in December, 2011.

He has served on subcommittees of the National Research Council and the Department of Energy to advise the Department on technology development issues and been a consultant to the German government, the city of Sao Paulo, the United Nations Environment Program, and the World Bank's Global Environment Facility

He is a member of the Advisory Committee of the Institute of Environmental and Science Policy, University of Illinois at Chicago and twice served on the Visiting Committee of the Environmental Science and Engineering Division, Colorado School of Mines. He is also a member of the American Society for Public Administration.

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