

Professional Accomplishments Statement

http://works.bepress.com/paul_kostecki/

Paul T. Kostecki, Ph.D.

Office of the Vice Chancellor for Research and Engagement
University of Massachusetts Amherst
239 Whitmore Administration Building
181 Presidents Drive
Amherst, Massachusetts 01003
pkostecki@research.umass.edu

April 5, 2009

TABLE OF CONTENTS

Summary of Selected Accomplishments	i
Vitae.....	1
Office Address.....	1
Home Address.....	1
Education.....	1
Areas of Interest.....	1
Research Experience.....	1
Teaching Experience.....	3
Field & Laboratory Experience.....	3
Boards & Committees.....	4
Consulting Activities.....	5
Consulting Clients.....	5
Selected Grants.....	6
Scientific & Professional Memberships.....	15
Honors.....	15
Publications and Reports.....	15
Presentations.....	26
Books (Editorships).....	36
Books (Authorships).....	39
Editorships and Editorial Boards.....	39
Newsletters.....	40
Monographs and Special Series.....	40
Workshops.....	40
Professional Committees, Councils, and Associations.....	42
Graduate Committees.....	44

SUMMARY OF APPOINTMENTS & ACCOMPLISHMENTS

Paul T. Kostecki

Below is a summary of selected accomplishments. Details regarding the items can be found in the complete C.V. which follows this summary

ADMINISTRATIVE:

- Interim Vice Chancellor for Research and Engagement, University of Massachusetts Amherst, 2008 – present. Served on:
 - Executive Management Team
 - Research Council
 - Comprehensive Science and Engineering Plan Committee
 - New Science Building Task Force, Chairman
 - Executive Academic Visioning Committee
 - System-Wide Clean Energy Task Force, Chair
 - System-Wide Life Sciences Task Force
- Chairman, Board of Directors, Pioneer Valley Life Sciences Institute, Springfield, MA, 2008 – present.
- Chairman, UMass/Greater Springfield Partnership, University of Massachusetts Amherst, 2007 – present.
- Charter Member, Board of Directors, Massachusetts Academy of Sciences, Amherst, MA, 2007 – present.
- Acting Director, The Environmental Institute, University of Massachusetts Amherst, 2005 – present.
- Vice Provost for Research, University of Massachusetts Amherst, 2003 – 2008.
- Member, Board of Directors, Regional Technology Corporation, Springfield, MA, 2003 – present.
- Associate Director for Research, Northeast Regional Environmental Public Health Center, School of Public Health and Health Sciences, University of Massachusetts Amherst, 1992 – present.

- Member, Board of Directors, Courtney Ann Bartos Memorial Fund, Deerfield, MA, 1991 – present.
- Executive Director, Association for Environmental Health and Science, Amherst, MA, 1990 – present.

RESEARCH:

- \$18+M in grants and contracts through the University and private sector as PI (Administrative & Scientific) and Co-PI since 1990 from a variety of sponsors including but not limited to:
 - USEPA, USDOD, US Army, US Air Force, US Navy, NIH, NSF, MADEP, Electric Power Research Institute, Association of American Railroads, Gas Research Institute, Florida Power & Light, Kuwait Foundation for the Advancement of Science, Shell Oil, American Petroleum Institute, assorted oil companies.
- 30 + peer-reviewed journal articles.
- 40+ authored, edited and co-edited books.
- Editor-in-Chief of a major international soil contamination journal (Since 1991).
- Served on several editorial boards for peer-reviewed journals.
- 90+ Reports and monographs.
- 100+ talks and multimedia presentations including television (internationally), radio and in-person presentations.

ENGAGEMENT:

- Directed, Co-Directed, and developed more than 50 national and international conferences with more than 25,000 attendees since 1985. Conference participants from more than 100 countries range from a variety of environmentally oriented disciplines (e.g. engineering, biology, chemistry, environmental health, toxicologists, geosciences, journalism, public policy, etc.). Sponsorship from federal (domestic and international) and state agencies, private companies, professional associations and societies and NGOs totaling over \$2M.

- Most notably is the annual International Conference on Soils, Sediments, Water and Energy held on the UMass Amherst campus. The conference is the second longest running academic environmental conference in the country drawing an average of 750-950 attendees from 30+ countries each year. As conference Director, oversee each conference, in conjunction with a Scientific Advisory Board (SAB) comprised of members (10 -75) from federal and state government agencies, private companies and trade organizations and well as international representatives. The SABs are chaired by Dr. Kostecki.
- Developed and conducted numerous seminars, workshops and short-courses in soil contamination, risk assessment and environmentally related matters both nationally and internationally for a variety of sponsors including but not limited to state agencies (Massachusetts Department for Environmental Protection, Hawaiian Department of Environmental protection, Louisiana Department of Environmental Quality, Florida Department of Natural Resources, New York Department of Environmental Conservation); governmental agencies (USEPA, Navy, Air Force, Environmental Quality Board of Puerto Rico); and professional associations and organizations (Association for American Railroads; Arab School of Science & Technology).
- Co-created an international association for environmental health, (1990), Association for Environmental Health and Sciences, which includes more than 700 members from 20+ countries.
- Co-created an international society for environmental forensics, (1998), International Society for Environmental Forensics, with more than 300 members from 12+ countries.
- Co-created a four-color, bi-monthly magazine on soil contamination, *Soil and Sediment Clean-Up Magazine*, (1991 – 2001) with a readership of more than 25,000 members in North America.
- Co-created a publishing concern which has published more than 50 books since 1995 from both U.S. and international authors.
- Co-created and published six peer-reviewed journals: *Journal of Soils and Sediment Contamination* (1991); *Journal of Phytoremediation* (1995); *Journal of Human and Ecological Risk Assessment* (1996); *Journal of Environmental Forensics* (1998); *Journal of Low Level Exposure* (2000); and *Journal Of Children's Health* (2001).
- Created (2008) and Co-Editor-in-Chief of an open access, electronic journal, *International Journal of Soil, Sediment and Water: Documenting the Cutting Edge of Environmental Stewardship*, University of Massachusetts Amherst Library.

- Participated on a number of national and international committees, as well as in an advisory capacity, including but not limited to:
 - *International Medicinal and Aromatic Plants Symposium Executive Committee*, Member, Shiraz., Iran..
 - *Spring Valley Scientific Advisory Panel on Arsenic*, Mayor's Health Council, Washington, D.C.
 - *Rio Guardiamar Scientific Advisory Council*, Department of Environmental Conservation, Seville, Spain.
 - *Scientific Advisor on Petroleum Contamination*,. Kuwait Foundation for the Advancement of Science, Kuwait City, Kuwait.
 - *Environmental Engineering and Operations Committee*. Association of American Railroads, Washington, D.C.
 - *GeoRef Advisory Committee*, American Geological Institute, Washington, D.C.
 - *Bureau of Waste Site Cleanup/Superfund Subcommittee*, Massachusetts Department of Environmental Protection, Boston, MA.
 - *Council for the Health and Environmental Safety of Soils (CHESS)*, Past Managing Director, University of Massachusetts Amherst, MA.
 - *National Environmental Technologies Test Site Advisory Board*, member. Naval Facilities Engineering Command, Pt. Hueneme, CA.
 - *Total Petroleum Hydrocarbons Work Group*, Steering Committee member, *Technical Information Exchange Action Group*, Chairman, Consortium of U.S. Air Force, state regulatory agencies, and the railroad and oil industries.
 - *Integrated Assessment Team for Tampa Bay*, member, Florida Power & Light, Juno Beach, FL.
 - *Product Advisory Council*, Chairman, Agri-Diagnostics/Quantix/Union Carbide. Moorestown, NJ.

CONSULTING:

- Provided consulting services for a number of international and national companies and trade organizations, including but not limited to American Petroleum Institute, Koch Industries, several major oil, environmental, and engineering companies, Florida Power and Light, Bitor International (Venezuela), Kuwait Institute for Scientific Research, Aquater (Italy).

PATENTS:

- U.S. Patent 5,938,198, *The Little Line-Up Card*, August 17, 1999.

VITAE

PAUL T. KOSTECKI

OFFICE ADDRESS: *Office of the Vice Chancellor for Research & Engagement*
239 Whitmore Administration Building
181 Presidents Drive
University of Massachusetts Amherst
Amherst, MA 01003
(413) 545-5270
(413) 577-0007 Fax
pkostecki@research.umass.edu

HOME ADDRESS: 17 Stillwater Road
South Deerfield, MA 01373
(413) 665-3702
(413) 537-7806 Cell

EDUCATION:

Ph.D. (Natural Resources)	1981	University of Michigan, Ann Arbor, MI
M.S. (Natural Resources)	1978	University of Michigan, Ann Arbor, MI
B.S. (Fish Biology)	1973	University of Massachusetts, Amherst, MA
Transfer (Engineering)	1971	Northeastern University, Boston, MA

AREAS OF INTEREST:

Higher Education Administration * Risk Assessment * Environmental Contamination

EXPERIENCE:

Interim Vice Chancellor for Research & Engagement (2008 – present), Vice Provost for Research (2003 – 2008), University of Massachusetts Amherst. Responsibilities: To identify, develop and foster research for the University research community. Oversee and manage the research units: Animal Care facilities; Micro-analytical Lab; Commercial Ventures and Intellectual Property; Office of Grants and Contracts Administration; Office of Research Affairs; All Centers and Institutes on campus including The Environmental Institute; University of Massachusetts Press. Serve as (ex facto) member of the campus' Research Council; Chancellor's Executive Management Team; University system-wide Conflict of Interest Board. Supervise a staff of 60+ with a \$6.0 million annual budget.

Associate Director of Environmental Research, Northeast Regional Environmental Public Health Center, University of Massachusetts Amherst. (1990 – 2003) (**on administrative leave**). Responsibilities: Develop research initiatives and programs and direct environmental research conducted through the Center. The Center is comprised of the Commissioners of Public Health from the six New England states.

Full Professor (Tenured) (2005), Research Professor (2003 - 2005), Research Associate Professor (1992 – 2003), Senior Research Associate (1985 – 1992), Environmental Health Sciences Program, School of Public Health, University of Massachusetts Amherst. Responsibilities: Develop research initiatives and secure extramural funding; perform research in the areas of environmental and public health effects and remediation of contaminated soils, aquatic toxicology, fish contamination and fish cancers; develop and direct national conferences; function as Laboratory Director of the Environmental Health Sciences Field Aquatic Research Facility; serve on graduate student thesis and dissertation committees and co-teach program courses.

Adjunct Professor: Plant & Soils Department, School of Agriculture and Natural Resources, University of Massachusetts Amherst. (1991 - **present**).

Managing Director: Council for Health & Environmental Safety of Soils-CHESS. University of Massachusetts Amherst. (1988 – 1993). Responsibilities: Work with Chairman and Advisory Board to develop goals, objectives and policy as well as organizational structure and scope of activities. Coordinate activities of Expert Committees. Produce written reports in the areas of environmental fate and analysis, environmental health, remediation. CHESS had the involvement of federal (EPA; ATSDR; USDA; DOE), state (Arkansas, California, Connecticut, Michigan, New Jersey, National Governors Association), public (League of Women Voters, World Environment Center), and private (American Petroleum Institute, Electric Power Research Institute) sector representatives.

Senior Research Associate: Department of Forestry & Wildlife, University of Massachusetts Amherst. (1982 - 1984). Duties: Conduct research on the effect of environmental acidity on the bioenergetics of fresh water fish; Laboratory Director of the department's Field Laboratory at the state's Sunderland Fish Hatchery; cooperative research with the National Marine Fisheries Service, Woods Hole, Massachusetts.

Post-Doctoral Research Associate: Department of Forestry & Wildlife, University of Massachusetts Amherst. (1980 - 1982). Duties: Design, construction and supervision of a cold-water laboratory; Project Leader for work conducted by 3 graduate students and a field staff of 4 technicians.

Research Assistant: Ecology, Fisheries and Wildlife Program, University of Michigan, Ann Arbor, MI. (1975 - 1979). Duties: The design and construction of sub-lethal

bioassay apparatus and data collection from fish acceleration experiments; general supervision of cold-water laboratory facilities and ongoing experiments.

TEACHING:

Bioremediation of Contaminated Soils: Honors Seminar - BIO101. Environmental Sciences Program, School of Food Science and Natural Resources, University of Massachusetts, Amherst, MA. (1997 - 2000).

Principles and Practices for Hydrocarbon Contaminated Soils: PH690B. Environmental Health & Sciences Program, School of Public Health & Health Sciences, University of Massachusetts, Amherst, MA. (1993 - 1996).

Environmental Health Seminar: PH691B. Environmental Health & Sciences Program, School of Public Health, University of Massachusetts, Amherst, MA. (1987 - 1991, 1994, 1995, 2003).

Ichthyology: Zoology Department, University of Massachusetts, Amherst, MA. (1983 - 1984).

Vertebrate Physiology: Zoology Department, University of Massachusetts, Amherst, MA. (1983 - 1984).

Functional Ichthyology and Physiological Ecology of Fish: Forestry & Wildlife Department, University of Massachusetts, Amherst, MA. (1980 - 1981).

Advanced Fisheries Management: Ecology, Fisheries & Wildlife Program, University of Michigan, Ann Arbor, MI. (1978 & 1979).

Aquatic Ecology: Ecology, Fisheries & Wildlife Program, University of Michigan, Ann Arbor, MI. (1975 - 1977).

Physiological Ecology of Animals: Ecology, Fisheries & Wildlife Program, University of Michigan, Ann Arbor, MI. (1975, 1976, & 1980).

FIELD AND LABORATORY EXPERIENCE:

Research Assistant: Great Lakes Research Lab, University of Michigan, Ann Arbor, MI. (1978 – 1979). Duties: Quantification and identification of larval fish samples from the Great Lakes.

Field Technician: Ecological Service Group, Texas Instruments, Inc., Northfield, MA. (1973 – 1974). Duties: Field work in the areas of fisheries, water quality, benthos, phytoplankton and zooplankton. Also, lab work in the areas of fisheries, water quality and benthos.

BOARDS AND COMMITTEES:

- Regional Employment Board of Hampden County, Precision Manufacturing Regional Alliance Project Steering Committee, Member. (2008 – present).
- Courtney Ann Bartos Memorial Fund, Inc. Deerfield, MA, Board of Directors, Member. (2008 - present).
- Greater Springfield/UMass Amherst Partnership Committee, Chair. (2007 – present).
- Clean Energy Task Force, University of Massachusetts, President’s Office, Boston, MA, Chair. (2007 – present).
- Life Sciences Task Force, University of Massachusetts, President’s Office, Boston, MA, Member. (2006 – present).
- Economic Development and Outreach Committee, University of Massachusetts, President’s Office, Boston, MA, Member. (2003 – present).
- Pioneer Valley Life Sciences Institute, Springfield, MA, Board of Directors, Member. (2003 – present), Chair. (2008 - present).
- Regional Technology Corporation, Board of Directors, Springfield, MA. Member. (2003 – present).
- Executive Management Team, University of Massachusetts Amherst, Amherst, MA. Member. (2003 – present).
- University of Massachusetts Conflict of Interest Committee, Member (2003 – present).
- Association for Environmental Health and Sciences, Amherst, MA, Chair (1990 – present)

CONSULTING ACTIVITIES:

Provide the following services:

- Direction and oversight of research activities.
- General technical advice, counsel, and report review on various aspects of contaminated soils, especially remedial technologies, risk assessment and market analysis.
- Advise and counsel on the technical feasibility, human and ecological health risks, and historical use of remedial technologies for contaminated soils.
- Guidance and leadership for product development in the area of contaminated soils.
- Develop, conduct and review functions for education and training programs in the area of contaminated soils.

CONSULTING CLIENTS:

INTERNATIONAL

- Arab School of Science & Technology, *Damascus, Syria*
- Aquater, *S. Lorenzo En Campo, Italy*
- Bitor of America, *Caracas, Venezuela*
- British Petroleum, *Wellington, New Zealand*
- Caltex, *Wellington, New Zealand*
- Eniricerche, *Monterotondo, Italy*
- Health & Welfare Canada, *Ottawa, Canada*
- Kuwait Foundation for the Advancement of Science (KFAS), *Kuwait City, Kuwait*
- Kuwait Institute for Science and Research, *Kuwait City, Kuwait*
- Mobil Oil, *Wellington, New Zealand*
- Shell New Zealand, *Wellington, New Zealand*

DOMESTIC

- Agri-Diagnostics
- American Environmental Management Corporation
- Anteon Corp.
- Argonne National Labs
- Atlantic Richfield Company
- California Department of Health Services
- Chevron Corporation

- Computer Sciences Corporation
- Department of Energy, Argonne Laboratory
- Edison Electric Institute
- Florida Power & Light
- Foster Wheeler Environmental Corporation
- GSX Corporation
- IT Corporation
- Koch Industries
- Lawrence Livermore National Lab
- Laybourne, Smith, Gore & Goldsmith
- Lockheed Aeronautics
- Los Angeles Water & Power
- Naval Engineering Facilities Command
- Ogden Environmental & Energy Services
- Pardieck, Vargo & Gill
- Roy F. Weston
- Shell Oil Company
- Southern California Edison
- Texaco USA
- Union Carbide
- Western States Petroleum Association

SELECTED GRANTS AND CONTRACTS (PI, Co-PI & Administrative PI):

N.I.H. Morrill Vivarium Renovation. 2009. \$4,900,000 (in prep.).

U.S.E.P.A, *Environmental Conference Series*. 2007 – 2011. \$600,000.

United Nations and Kuwait Public Assessment Authority for Compensation (PAAC). *Independent Review of UN Mandated (Decision 256) Cleanup Activities in Kuwait*. 2007. \$15M. (Selected, not funded. Negotiations failed after 9 months)

U. S. Air Force, *Chemical/Radiation Database & Evaluation of Hormetic Mechanisms*. Supplemental. 2006 – 2007.

U.S.D.A., *Pesticide Contamination in Soils and Sediments*. 2005 - 2006. \$12,500.

Dow Chemical Co. *Distributions for Monte-Carlo Soil Ingestion Risk Assessment*. 2005. \$158,102.

Cooperative State Research, Education and Extension Service. *International Soils, Sediments and Water Conference*. 2005. \$14,998.

N.S.F. *Graduate Student Fellowships*. 2004 (\$176,000); 2005 (\$202,500); 2007 (\$283,500).

MA Dept. Fisheries, Wildlife and Environmental Law Enforcement. *Neponset River Sediment Workshop*. 2004. \$37,500.

U.S. DOE, *Non-Linear Dose response Relationships in Biology*. 2004. \$20,000.

U.S. Navy, *Human Health Risk Assessment for Depleted Uranium, China Lake Weapons Facility*. 2002 – 2003. \$87,000.

U.S. Air Force. *International Conference on Non-Linear Dose-Response Relationships in Biology, Toxicology and Medicine*. 2001 - Present. \$25,000.

Florida Power Light, *Bioavailability of Arsenic from Contaminated Soils – Phase II*. (2001 – Present). \$104,000.

U.S. Air Force. *Chemical/Radiation Database & Evaluation of Hormetic Mechanisms*. 2000 - Present. \$345,000

U.S.EPA *The Use of Innovative Technologies for Petroleum Contamination Cleanup*. 2000 - 2001. \$24,000.

Kuwait Foundation for the Advancement of Sciences, University of Massachusetts, Lyondell Chemical Co., Shell Oil Co. *International Congress on Petroleum Contamination*. 2001. \$350,000

Fox River Group. *Peer Review of the Human & Ecological Risk Assessments for the Fox River*. 1999 - 2001. \$200,000.

Florida Power & Light. *Bioavailability of Arsenic from Contaminated Soil - Phase I*. 1999. \$82,000.

Assembled Sponsorship: AAR, American Water Works Research Foundation, API, Battelle, GRI, Navy, TEXACO, MADEP, Northeast Utilities, NYDEC, LADEQ, Lyondell Chemical, Parsons Engineering, and others. *Contaminated Soils & Water Conference*. 1999 - 2009. \$ 125,000 per annum.

Assembled Sponsorship: AAR, American Water Works Research Foundation, API, Battelle, GRI, Navy, TEXACO, MADEP, Northeast Utilities, NYDEC, Oxygenated Fuels Association, Parsons Engineering and others. *Contaminated Soils & Water Conference*. 1997 – 1999. \$100,000 per annum.

Florida Power & Light. *Susceptibility of Biodegradation to Microbial Activity of Bitumen in the Marine Environment*. 1997. \$848,000.

Massachusetts Department of Environmental Protection. *Determination of Background Concentrations of Heavy Metals in Massachusetts Wetlands*. 1997. \$24,000.

Assembled Sponsorship: AAR, API, GRI, Navy, Texaco, MADEP, NYDEC. *Contaminated Soils Conference*. 1997. \$90,000.

U.S. EPA. *State-by-State Survey of Innovative Technologies for Petroleum Contaminated Soils Remediation*. 1997. \$24,000.

U.S. EPA. *A Critical Review of MTBE Contamination in the U.S.: States Issues*. 1997. \$24,000.

Bitor of America. *A Hazard Assessment of Orimulsion in the Marine Environment*. 1996. \$750,000.

Massachusetts Department of Environmental Protection. *Determination of Background Concentrations of Heavy Metals in Massachusetts Wetlands*. 1996. \$23,000.

Assembled Sponsorship: AAR, API, GRI, Navy, Texaco, MADEP, MYDEC. *Contaminated Soils Conference*. 1996. \$75,000.

U.S. EPA. *Evaluation of Gender Differences in Susceptibility to Toxic Substances*. 1996. \$55,000.

EPA/OUST. *Evaluation of Innovative Technologies Use in the Remediation of Petroleum Contaminated Soils*. 1995. \$18,000.

Florida Power & Light. *An Ecological Risk Assessment for Orimulsion and Fuel Oil #6 in Tampa Bay*. 1995. \$60,000.

Louisiana Department of Environmental Quality. *Soil Ingestion Workshop*. 1995. \$49,500.

U.S. Environmental Protection Agency. *Critical Review and Workshop of Data on Gender Differences in Susceptibility and Exposure to Environmental Pollution*. 1995. \$55,000.

U.S. Army Corps of Engineers. *Assessment and Remediation of PAH's in Soils*. 1995. \$5,000.

Massachusetts Department of Environmental Protection. *Training in Contaminated Soils Assessment and Remediation*. 1995. \$5,000.

New York Department of Environmental Conservation. *Training in Contaminated Soil Assessment and Remediation*. 1995. \$4,000.

Gas Research Institute. *Training in Contaminated Soil Assessment and Remediation*. 1995. \$7,500.

Naval Facilities Engineering Command. *Training in Contaminated Soil Assessment and Remediation*. 1995. \$7,500.

Association of American Railroads. *Training in Contaminated Soil Assessment and Remediation*. 1995. \$10,000.

Association of American Railroad. *Analytical Chemistry of Diesel Fuel Degradation in Soils*. 1995. \$15,000.

Assembled Sponsorship from ABB, API, 3M, Texaco Northeast Utilities, Millipore, Gelman Sciences, and various consulting companies. *Contaminated Soils Training*. 1995. \$50,000.

Florida Power & Light. *Hematological Effects of Fuel Oil #6 and Orimulsion in Avian Species*. 1994. \$32,000.

Health & Welfare Canada. *Critical Issues in Risk Assessment*. 1994. \$32,000 (US).

Health & Welfare Canada. *Theoretical Toxicological and Biostatistical Foundations for Deriving Density Functions for Rfd's and BMD05*. 1994. \$44,000 (Can).

Gas Research Institute. *Alternative Toxicity Testing Models*. 1994. \$7,500.

Massachusetts Department of Environmental Protection. *Training in Hydrocarbon Contaminated Soils Assessment and Remediation*. 1994. \$7,500.

Navy Environmental Health Center. *State Regulations and Policies for Setting Cleanup Standards*. 1994. \$5,000.

Association of American Railroads, American Petroleum Institute, Air Force and EPA. *Cleanup Standard Setting for Hydrocarbon Contaminated Soils*. 1994. \$10,000.

Louisiana Department of Environmental Quality. *Technical Training Workshop: Remediation Methodologies for Hydrocarbon Contaminated Soils*. 1994. \$10,000.

Louisiana Department of Environmental Quality. *An Analysis of Risk Assessment Strategies for Contaminated Sites*. 1994. \$10,000.

Assembled sponsorship from ABB, American Petroleum Institute, Association of American Railroads, 3M, New York DEC, Texaco, and various consulting companies. *Contaminated Soils Training*. 1994. \$75,000.

Florida Power & Light. *Development of a Framework to Conduct an Ecological Risk Assessment on Tampa Bay for Fuel Oil #6 & Orimulsion*. 1994. \$108,000.

EPA/OUST. *State-by-State Summary of Groundwater Standards for Petroleum Contamination*. 1993. \$5,000.

EPA/OUST. *Bibliographic Database for Hydrocarbon Contaminated Soils*. 1993. \$17,000.

Louisiana Department of Environmental Quality. *Technical Training Workshop: An Introduction to Risk Assessment Methodologies*. Baton Rouge, LA. 1993. \$35,000.

Assembled sponsorship from ABB, American Petroleum Institute, Massachusetts DEP, Texaco, U.S. Army Corp. of Engineers, and Northeast Utilities, Canadian Wastewater Technology Centre. *Contaminated Soils Training*. 1993. \$60,000.

Florida Power & Light. *Critical Evaluation of the PM₁₀ Standard*. 1993. \$20,000.

Florida Power & Light. *A Critical Review of Ecological Risk Assessments Methodologies*. 1993. \$10,000.

Assembled sponsorship from Exxon, Shell, Amoco, Woodward Clyde, Koch Industries, ENSR. *Education and Training: Petroleum Contaminated Soils Workshop*. Houston, TX. 1992. \$35,000.

Assembled sponsorship from federal, state, and industry sources. *Hydrocarbon Contaminated Soils and Groundwater Conference*. Long Beach, CA. 1992. \$125,000.

Wyman-Gordan Co. *Assessment of Environmental Factors Affecting Fish Populations*. 1992. \$135,000.

Association of American Railroads, Washington, DC. *State-of-the-Science Diesel Fuel, Soil Contamination Cleanup Workshop and Report*. 1992. \$10,000.

Health and Welfare Canada. *Development of Human Health and Ecological Risk Assessment Methods*. 1992. \$75,000 (US).

EPA/Office of Underground Storage Tanks, Washington, DC. *States Workshop on Hydrocarbon Contaminated Soils Regulations*. University of Massachusetts. 1992. \$15,000.

Assembled sponsorship from federal, state, and industry sources. *Hydrocarbon Contaminated Soils and Groundwater Conference*. Newport Beach, CA. 1991. \$100,000.

American Petroleum Institute. Washington, DC. *Hydrocarbon Contaminated Soils Conference*. University of Massachusetts. 1991. \$5,000.

Association of American Railroads, Washington, DC. *State-of-the-Science Diesel Fuel Contamination Workshop and Reportt*. 1991. \$7,500.

International Society for Regulatory Toxicology and Pharmacology. *Bellevue, MD. Council for Health and Environmental Safety of Soils - CHESS*. 1991. \$25,000.

EPA/Office of Underground Storage Tanks. Washington, DC. *Education and Training: Hydrocarbon Contaminated Soils Conference*. University of Massachusetts. 1991. \$15,000.

American Water Works Association Research Foundation. *Evaluation of the Health Basis for EPA's Regulations of SOTs and IOCs in Drinking Water*. 1990. \$100,000.

Assembled sponsorship from federal, state, and industry sources. *Hydrocarbon Contaminated Soils and Groundwater Conference*. Newport Beach, CA. 1990. \$75,000.

Edison Electric Institute. Washington, DC. *Hydrocarbon Contaminated Soils Conference*. University of Massachusetts. 1990. \$3,000.

Agency for Toxic Substances and Disease Registry. Atlanta, GA. *Hydrocarbon Contaminated Soils Conference*. University of Massachusetts. 1990. \$7,500.

International Society for Regulatory Toxicology and Pharmacology. *Bellevue, MD. Council for Health and Environmental Safety of Soils - CHESS*. 1990. \$60,000.

American Petroleum Institute. Washington, DC. *Hydrocarbon Contaminated Soils Conference*. University of Massachusetts. 1990. \$5,000.

Shell Oil, Houston, TX. *Hydrocarbon Contaminated Soils Conference*. University of Massachusetts. 1990. \$10,000.

Association of American Railroads. Washington, DC. *Research Needs for Diesel Fuel Contamination Workshop and Report*. 1990. \$7,500.

McLaren/Hart, Environ, Vapex, Koch Industries, Woodward-Clyde, Texaco Oil Company. *Hydrocarbon Contaminated Soils*. Hydrocarbon Contaminated Soils Conference. University of Massachusetts. 1990. \$25,000.

U.S. Army Biomedical Research Laboratory. Ft. Detrick, Frederick, MD. *Technical Information Transfer: Petroleum Contaminated Soils*. 1990. \$7,500.

EA Engineering, Science & Technology. Loveton, MD. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$3,000.

Dunn GeoScience. Albany, NY. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$2,500.

American Petroleum Institute. Washington, DC. *Petroleum Contaminated Soils Conference*, University of Massachusetts. 1989. \$5,000.

Association of American Railroads. Washington, DC. *Petroleum contaminated soils conference.*, University of Massachusetts. 1989. \$3,000.

Massachusetts Department of Environmental Protection. Boston, MA. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$5,000.

Electric Power Research Institute. Palo Alto, CA. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$3,000.

Edison Electric Institute. Washington, DC. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$2,000.

Contest Inc. East Longmeadow, MA. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$2,000.

Roy F. Weston. West Chester, PA. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$1,000.

EPA/Office of Underground Storage Tanks. Washington, DC. *States Workshop on Petroleum Contaminated Soils*. 1989. \$40,000.

EPA/Office of Drinking Water. Washington, DC. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$3,000.

Agency for Toxic Substances and Disease Registry. Atlanta, GA. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1989. \$5,000.

General Electric Co. Pittsfield, MA. *Heavy Metal Uptake and Body Burden Partitioning in Fish*. 1989. \$112,500.

International Society for Regulatory Toxicology & Pharmacology. *Council for Health and Environmental Safety of Soils-CHESS*. 1989. \$53,000.

Department of Defense/U.S. Army. Fort Detrick, Frederick, MD. *Fish as Predictive Model for Epigenetic Cancers*. 1988 – 1993. \$745,000.

American Petroleum Institute. Association of American Railroads, Edison Electric Institute, Electric Power Research Institute. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1988. \$18,500.

Department of Energy. Washington, DC. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1988. \$5,000.

U.S. EPA/Office of Underground Storage Tanks. Washington, DC. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1988. \$5,000.

Agency for Toxic Substances and Disease Registry. Atlanta, GA. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1988. \$5,000.

New Jersey Department of Environmental Protection. Trenton, NJ. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1988. \$2,500.

Massachusetts Department of Environmental Quality Engineering. Boston, MA. *Petroleum Contaminated Soils Conference*. University of Massachusetts. 1988. \$5,000.

Hercules Corporation. Wilmington, DE. *Development of Contaminated Soils Risk Assessment Procedures*. 1998. \$15,000.

Association of American Railroads. American Petroleum Institute, Edison Electric Institute, Electric Power Research Institute, The Environmental Institute (University of Massachusetts) and other groups. *Conference on Environmental and Public Health Effects of Petroleum Contaminated Soils*. 1987. \$70,000.

Department of Agriculture. Commonwealth of Massachusetts. *Risk Analysis of Selected Pesticides*. 1987. \$75,000.

Division of Fish and Wildlife. Commonwealth of Massachusetts. *Development of an Environmental Risk Analysis Protocol*. 1987. \$40,000.

Division of Fish and Wildlife. Commonwealth of Massachusetts. *Environmental risk analysis of the Hoosic, Housatonic, Miller's, and Westfield Rivers*. 1987. \$29,000.

Department of Agriculture. Commonwealth of Massachusetts. *Assessment of Environmental Exposure from the Application of Lawn Care Treatment Practices*. 1986. \$44,000.

Division of Fish & Wildlife. Commonwealth of Massachusetts. *Development of an Aquatic Toxicology Research Program*. 1986. \$59,000.

Department of Environmental Quality Engineering. Commonwealth of Massachusetts. *Options for Handling, Re-Use and Disposal of Petroleum Contaminated Soil: Assessment of Public and Environmental Health*. 1986. \$109,000.

Division of Fish & Wildlife. Commonwealth of Massachusetts. *Physiological Stress Indicators in Fishes*. 1986. \$7,500.

Edison Electric Institute. *Remedial Technologies for Leaking Underground Storage Tanks*. 1986. \$50,000.

Division of Water Pollution Control. Commonwealth of Massachusetts. *The Effect of Chlorination on Stream Biota*. 1986. \$94,000.

Syntech Corporation. *A Methodology to Estimate the Amount of Soil Ingested by Young Children*. 1986. \$340,000.

Department of Environmental Quality Engineering. Commonwealth of Massachusetts. *Options for Handling, Re-Use and Disposal of Petroleum Contaminated Soil: Assessment of Public and Environmental Health*. 1985. \$72,000.

ARCO, Association of American Railroads, EPRI, Massachusetts Department of Environmental Quality Engineering, Northeast Utilities and other companies. *Conference on Environmental and Public Health Effects of Soils Contaminated with Petroleum Products*. 1985. \$50,000.

Division of Fish & Wildlife. Commonwealth of Massachusetts. *The Effect of Handling Stress on the Blood Chemistry of Rainbow Trout (*Salmo gairdneri*)*. 1985. \$1,000.

Northern Southeast Regional Aquaculture Association. *An Assessment of Aquacultural Techniques*. 1985. \$1,000.

Electric Power Research Institute. *Leaking Underground Storage Tanks: Health Effects of Petroleum Contaminants*. 1985. \$21,000.

Division of Fish & Wildlife. Commonwealth of Massachusetts. *The Effect of Environmental pH on the Survival of Smelt Eggs: Modifying Effects of Calcium and Aluminum*. 1985. \$11,000.

University of Massachusetts. Graduate School, Computing Center. *The Use of Data Image Analysis in Fish Fecundity Estimates*. 1984. \$6,500.

U.S. Department of Agriculture. Agriculture Experiment Station, University of Massachusetts. *The Effect of Environmental Acidity and Leaf Leachates on the Bioenergetics of Brook Trout, (Salvelinus fontinalis)*. 1984. \$21,000.

U.S. Fish & Wildlife Service. Office of Biological Services. *Habitat Suitability Index Model: Spotted Seatrout*. 1982. \$4,000.

SCIENTIFIC AND PROFESSIONAL MEMBERSHIPS:

- The National Association of State Universities and Land-Grant Colleges (NASULGC) (2004 - present)
- Association for the Environmental Health & Sciences (1990 - present)
- American Fisheries Society (1980 - 1985)
- American Public Health Association (1986 - 1988)
- Canadian Zoological Society (1974 - 1982)
- International Society of Regulatory Toxicology and Pharmacology (1986 - 1992)
- Society of Environmental Toxicology and Chemistry (1988 - 2000)

HONORS:

- *Recognition of Service Award*, Massachusetts Department of Environmental Protection, 2004
- *Recognition of Service Award*, Naval Facilities Engineering Command, 1997
- *Recognition of Service Award*, Puerto Rico Environmental Quality Board, 1996
- *Best Paper*, Technical Association of Pulp and Paper Industry: Annual Conference, 1988
- *Rackham Pre-Doctoral Fellowship*, University of Michigan, 1978
- *Nontraditional Student Fellowship*, University of Michigan, 1976
- *Magna Cum Laude*, University of Massachusetts, 1973
- *Crabtree Fellowship*, Northeastern University, 1969
- *Phi Kappa Phi*, University of Massachusetts, 1973

PUBLICATIONS AND REPORTS:

Stanek, E., Calabrese, E. J., Barnes, R.M., Danku, J., Zhou, Y. and Kostecki, P.T. 2009. *Bioavailability of Arsenic in Soil*. (In prep.)

Nascarella, M., Stoffolano J.G., Stanek, E. J., Kostecki, P.T. and Calabrese, E. J. 2003. *Hormesis and Stage Specific Toxicity Induced by Cadmium in an Insect Model, the Black Blowfly*. **Environ. Poll.**, 24(2) 257-262.

Finley, B., Boyle, K., Calabrese, E. J., Kostecki, P. T., Lemeshow, S. and Teaf, C. 2003. *The Passaic River Creel/Angler Survey: Expert Panel Review, Findings and Recommendations*. **Journal of Human and Ecological Risk Assessment**, 9 (3): 829 – 855.

Kostecki, P.T. and Nascarella, M. 2003. *LUST Cleanup Landscape Changing: Landfilling Still in, Pump and Treat on the Way Out*. **Contaminated Soils Sediments and Water Magazine**, Amherst Scientific Publishers, Amherst MA. Jan.-Feb., 2003, pp 9-11.

Kostecki, P.T. 2002. Innovative Technologies Survey. Report to U.S. EPA/OUST. 15 pp.

Kostecki, P.T. 2002. *Abstracts from AEHS' 12th Annual Contaminated Soils, Sediments and Water Conference*. **Journal of Contaminated Soils and Sediments**, 11(3): 376 – 489.

Kostecki, P. T., Calabrese, E. J. and Nascarella, M. 2002. *Survey of States' '2001' Soils Cleanup Standards for Petroleum Contamination*, **Journal of Soil and Sediment Contamination**, 11(2): 117-239.

Kostecki, P.T. and Dragun, J. 2000. *Setting Soil Cleanup Levels in the U.S.: A Historical Perspective*. **Proceedings of the Third International Workshop on Risk Evaluation and Management of Chemicals**. Yokohama University. 10 pp.

Kostecki, P.T. 2000. *Recommendations for the Determination of Soil Contamination in the Burgan Oil Field Resulting from the Iraqi Aggression*. **A White Paper Report to the Kuwait Scientific Institute for Scientific Research**. Kuwait. 6 pp.

Kostecki, P.T. and Calabrese, E. J. 1998. *National Survey of Cleanup Standards for Petroleum Contaminated Groundwater*. **Soil and Groundwater Cleanup Magazine**. April/May, 2000. 18 pp.

Calabrese, E.J., Kostecki, P. T. and Baldwin, L. 2000. *Factors Affecting Bioavailability of As in Humans and the Generalizability of Lab Data*. **Florida Power & Light Report**. Boca Raton, FL. 40 pp.

Kostecki, P.T. 1999. *Best Available Technologies for the Cleanup of the Guadamar Mining Disaster*. **Assessment Document to the Consejeria de Medio Ambiente**, Seville, Spain. 5 pp.

Kostecki, P.T. 1999. *Status Report on MTBE Contamination*, Association for the Environmental Health of Soils.

Simmons, K., Kostecki, P. T. and Calabrese, E. J. 1999. *National Survey of Cleanup Standards for Petroleum Contaminated Groundwater, Soils, Sediments & Groundwater Magazine*, April, 1999. 20 pp.

Simmons, K., Kostecki, P.T. and Calabrese, E. J. 1999. *National Survey of Cleanup Standards for Petroleum Contaminated Soils, Soils, Sediments & Groundwater Magazine*, Dec, 1999/Jan. 2000. 24 pp.

Kostecki, P.T., Calabrese, E. J. and McCreary, H. 1998. *Arsenic Contamination in the U.S.: A 50 State Regulatory Survey*. Association for the Environmental Health of Soils – Website – www.aehs.com/surveys.htm

Calabrese, E.J. and Kostecki, P. T. 1998. **Self -Study Report for the Northeast Regional Environmental Public Health Center**, Provosts Office- University of Massachusetts. 42 pp.

Potter, T. L., Simmons, K., Wu, J., Kostecki, P.T., and Calabrese, E. J. 1998. *Static Die-Away of a Nonylphenol Ethoxylate Surfact in Estuarine Water Samples*. **Environ. Sci. Technol.** 33, 113-118.

Kostecki, P.T. and Calabrese, E.J., 1998. *National Survey for Cleanup Standards for Petroleum Contaminates Soils*. **Soil and Groundwater Cleanup Magazine**, November, 1998. 23 pp.

Hitzig, R. and Kostecki, P.T. 1998. *A Status Report on MTBE Contamination*. **Soils and Groundwater Magazine**, July, 1998. 6 pp.

Kostecki, P.T., Calabrese, E.J., Baldwin, L., and McCreary, H. 1998. *A Review of Arsenic Contamination in the U.S. - A National Survey*. **Report for Florida Power and Light**, Boca Raton, FL. October, 1998. 23 pp.

Prevost, P. and Kostecki, P. T. 1997. *Innovative Technologies Use in the U.S*. **Soils and Groundwater Cleanup Magazine**, July, 1998. 8 pp.

Kostecki, P.T. and Calabrese, E.J., 1997. *State-by-State Survey of Soil Cleanup Levels for Petroleum Constituents*. **Soil and Groundwater Cleanup Magazine**, November, 1997. 24 pp.

Calabrese, E.J., Baldwin, L.A., Kostecki, P.T., and Potter, T. 1997. *A Toxicologically-Based Weight-of-Evidence Methodology for the Ranking of Chemicals of Endocrine Disrupting Potential*. **Reg. Tox. Pharm.** 26, 36-40.

Calabrese, E.J., Kostecki, P. T., and Potter, T. 1997. *An Environmental Assessment of the NPE Surfactant Used in the Foundation of Orimulsion in an Estuarine Environment*. **Report - Bitor of America**, Boca Raton, FL. 29 pp.

Kostecki, P.T. and Calabrese, E.J., 1997. *State-by-State Survey of Groundwater Cleanup Levels for Petroleum Constituents*. **Soil and Groundwater Cleanup Magazine**, April, 1997. 21 pp.

Potter, T., Kostecki, P.T., and Calabrese, E.J. 1997. *Static Die Away Study of A Nonylphenol Ethoxylate Surfactant in Estuarine Water Samples*. **Report - Bitor of America**, Boca Raton, FL. 34 pp.

Potter, T., Kostecki, P.T., and Calabrese, E.J. 1997. *Chemical Characterization of the Water Soluble Fraction of Orimulsion in Water Dispersions*. **Report - Bitor of America**, Boca Raton, FL. 23 pp.

Kostecki, P.T., Calabrese, E.J., and Oliver, T. 1996. *A Summary of State-by-State Groundwater and Soil Cleanup Levels*. **Journal of Soil Contamination**, 5(4):400-425.

Calabrese, E.J., Kostecki, P.T., Potter, T.L., and Baldwin, L. 1996. *An Environmental Assessment of the Orimulsion Surfactant (NPE) in the Context of a Simulated Spill in Tampa Bay, Florida*. **Bitor of America**, Boca Raton, FL. 35 pp.

Kostecki, P.T., and Kucharski, W. 1996. *Contaminated Soils Remediation Techniques: Lessons from the Uplands*. **In: Proceedings from Gulf of Mexico Coastal Ecosystems Symposia**. U.S. Department of the Interior, Washington, DC. 250 pp.

Tremblay, D., Tulis, D., Kostecki, P. T. and Ewald, K. 1995. *Innovation skyrockets at 50,000 LUST sites*, **Soils and Groundwater Cleanup Magazine**. December, 1995. 8 pp.

Kostecki, P.T., Calabrese, E. J. and Oliver, T. 1995. *A Summary of State-by-State Groundwater and Soil Cleanup Levels*. **Soils Magazine**, 5, November 1995, pgs. 16-53.

Kostecki, P.T. (In Press). *A Perspective of Oil Contaminated Soil Issues*. **In: The Assessment and Remediation of Oil Contaminated Soils** (ed. P.T. Kostecki). Kuwait Foundation for the Advancement of Science, Kuwait City, Kuwait.

Calabrese, E.J., Kostecki, P.T., and Baldwin, L. 1994. *A Critical Review of Soil Ingestion as a Potential Exposure Pathway in Tampa Bay Species*. **Report - Florida Power & Light**, West Palm Beach, FL. 32 pp.

Calabrese, E.J., and Kostecki, P. T. 1994. *A Critical Review of the Eco-Toxicity of Fuel Oil #6 and Orimulsion*. **Florida Power & Light Report**, West Palm Beach, FL. 150 pp.

Calabrese, E.J., Kostecki, P. T. and Baldwin, L. 1994. *A Review and Evaluation of Fuel Oil #6 Toxicity Data and Its Importance to Tampa Bay Species*. Report - Florida Power & Light, West Palm Beach, FL. 180 pp.

Oliver, T., Kostecki, P. T. and Calabrese, E. J. . 1993. *National Survey for Petroleum Contaminated Soil and Groundwater*. **Soils** 3(9):12-63.

Kostecki, P.T., and Calabrese, E. J. . 1993. *Hydrocarbon Contaminated Soils: Current References: 1991-1992*. **Association for Environmental Health of Soils**, Amherst, MA. 267 pp.

Donahue, M., Baldwin L., Leonard, D., Kostecki, P.T. and Calabrese, E. J. 1993. *Effect of hypolipidemic drugs gemfibrozil, ciprofibrate and clofibirc acid on peroxisomal β -oxidation in primary culture of rainbow trout hepatocytes*. **Ecotox. Environ. Safety**, 26:127-132.

Kostecki, P.T., Calabrese, E. J. and Horton, H. 1993. *Review of present risk assessment models for petroleum contaminated soil*. In: **Principles and Practices of Soil Contamination**. Lewis Publishers. 553-590 pp.

Calabrese, E.J., Kostecki P. T. , and Baldwin, L. 1993. *Fish as a predictive model for epigenetic carcinogens*. In: **Compendium of the FY1988 & FY1989 Research Reviews for the Research Methods Branch**, U.S. Army Biomedical Research & Development Laboratory, Fort Detrick, MD. Technical Report 9306. 34-39 pp.

Calabrese, E.J., Kostecki, P. T. Yang, J. H. and Baldwin, L. 1993. *Evaluation of epigenetic carcinogens in rainbow trout by assessing peroxisome proliferation potential*. In: **Compendium of the FY 1988 & FY 1989 Research Reviews for the Research Methods Branch**, U.S. Army Biomedical Research & Development Laboratory, Fort Detrick, MD. Technical Report 9306. 120-138 pp.

Bell, C.E., Baldwin, L. A., Kostecki, P. T. and Calabrese, E. J. 1993. *Comparative Response of Rainbow Trout and Rat to the Liver Mitogen, Lead*. **Ecotox. & Environ. Safety**, 26:3.

Kostecki, P.T., and Calabrese, E. J. 1992. *Hydrocarbon Contaminated Soils: Current References: 1990*. **Association for Environmental Health of Soils**, Amherst, MA. 210 pp.

Oliver, T. and Kostecki., P.T. 1992. *National Survey for Petroleum Contaminated Soil Cleanup Standards*. **Soils** 2(9): 1-10.

- Kostecki, P.T. and T. Jones. 1992. *Potential Application of an Immunoassay BTEX Diagnostic Test: Nationwide Survey of Petroleum Contaminated Soil Remediation Companies (Report & Database)*. **Assoc. Environ. Health Soils Publication for Agri-Diagnostics**, Moorsetown, NJ. 150 pp.
- Bell, C.E., Kostecki, P. T., Baldwin, L. A. and Calabrese, E. J. 1992. *Lead Is Not a Liver Mitogen In Rainbow Trout*. **Ecotox. and Environ. Safety**, 26(3):280-284.
- Calabrese, E.J., Leonard, D., Baldwin, L. A. and Kostecki, P. T. 1992. *Elevated Hepatic Ornithine Decarboxylase (ODC) in Medaka (Oryzias Latipes)*. **Ecotoxicol. and Environ. Safety**. 25(1):19-24.
- Calabrese, E.J., Baldwin, L. A. , Scarano, L. and Kostecki, P. T. 1992. *Epigenetic Carcinogens in Fish*. **CRC Review in Aquatic Sciences**, 6(2):89-96.
- Ochs, J., Baldwin, L., Leonard, D., Kostecki, P.T. and Calabrese, E. J. 1992. *Interaction of Joint Exposures to Peroxisome Proliferators*. **Human and Experimental Tox.**, 11:83-88.
- Donahue, M., Baldwin, L.A. and Kostecki, P.T. 1992. *Development of Fish In Vitro Hepatocyte System for Evaluation of Epigenetic Carcinogens*. **Fish Biochem. and Physiol.**, (Submitted).
- Kostecki, P.T. and Calabrese, E. J. 1991. *CHESS - How the Military Community Can Benefit from This National Coalition on Soil Contamination*. In: **Proceedings from U.S.A. THAMA's 14th Annual Army Environmental R & D Symposium**. (Report No. - CETHA-TE-JR-90055). Williamsburg, VA.
- Kostecki, P.T. and Calabrese, E. J. 1991. *CHESS - A National Coalition for Soil Cleanup in the U.S*. In: **Hydrocarbon Contaminated Soils and Groundwater** (eds. Kostecki, P.T. and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.
- Calabrese, E.J. and Kostecki, P. T. 1991. *A Critical Evaluation of Soil Ingestion Estimates in Children and Adults*. In: **Hydrocarbon Contaminated Soils and Groundwater** (eds. Kostecki, P.T. and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.
- Kostecki, P.T. and Calabrese, E. J. 1991. *A Report on CHESS Activities*. In: **Hydrocarbon Contaminated Soils**, Volume 1 (eds. P.T. Kostecki and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.
- Bell, C.E., Kostecki, P. T. and Calabrese, E. J. 1991. *Soil Cleanup Levels for Western States*. In: **Hydrocarbon Contaminated Soils and Groundwater** (eds. Kostecki, P.T. and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.

- Calabrese, E. J., Kostecki, P.T. and Coler, R.A. (1990). *Fish as a Predictive Model for Epigenetic Carcinogens*. **Proc. of Workshop on Non-mammalian Toxicity Assessment**. Ft. Detrick, MD. pp. 23-28.
- Yang, J., Calabrese, E.J. et al. (1990). *Induction of Peroxisome Proliferation in Rainbow Trout Exposed to Ciprofibrate*. **Toxicol. Appl. Pharm.** 104:476-482.
- Yang, J., Calabrese, E.J. and Kostecki, P.T. (1990). *Peroxisome Proliferation in Aquatic Models*. ASTM. **Series on Aquatic Toxicology**.
- Baldwin, L., Calabrese, E.J., Kostecki, P. T. and Yang, J. (1990). *Isolation of Peroxisomal Enoyl-CoA hydratase in Rainbow Trout and Immunochemical Identification with the Bifunctional Enzyme*. **Fish Biochem. Physiol.**, 8(4):347-351.
- Bell, C.E., Kostecki, P. T. and Calabrese, E. J. 1990. *National Survey of States Research: Cleanup Standards*. In: **Petroleum Contaminated Soils-Volume III** (eds. P.T. Kostecki and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.
- Calabrese, E. J. and Kostecki, P. T. (eds.). 1989. *Petroleum Contaminated Soils: An Overview*. The Environmental Institute, University of Massachusetts, Publ. No. 88-4. 84 pp.
- Kostecki, P.T. and Calabrese, E. J. 1989. *Definition of Petroleum*. In: **Petroleum Contaminated Soils: An Overview** (eds. Calabrese, E. J. and Kostecki, P.T.). The Environmental Institute, University of Massachusetts, Publ. No. 88-4. 84 pp.
- Potter, T.L. and Kostecki, P. T. 1989. *Screening, Sampling, and Analytical Techniques*. In: **Petroleum Contaminated Soils: An Overview** (eds. Calabrese, E. J. and Kostecki, P.T.). The Environmental Institute, University of Massachusetts, Publ. No. 88-4. 84 pp.
- Leonard, D.A., Calabrese, E. J. and Kostecki, P. T. 1989. *Health Risks Associated with Petroleum Products*. In: **Petroleum Contaminated Soils: An Overview** (eds. Calabrese, E. J. Kostecki, P.T.). The Environmental Institute, University of Massachusetts, Publ. No. 88-4. 84 pp.
- Fleischer, E.J., Kostecki, P. T. and Calabrese, E. J. 1989. *Handling, Reuse and Disposal Options*. In: **Petroleum Contaminated Soils: An Overview** (eds. Calabrese, E. J. and P.T. Kostecki). The Environmental Institute, University of Massachusetts, Publ. No.88-4. 84 pp.
- Fleischer, E.J., Kosteck, P. T. and Calabrese, E. J. 1989. *Historical Record of Petroleum Mobility and Stability in Contaminated Soils*. In: **Petroleum Contaminated Soils: An Overview** (eds. E.J. Calabrese and P.T. Kostecki). The Environmental

Institute, University of Massachusetts, Publ. No. 88-4. 84 pp.

Bell, C.E., P.T. Kostecki and Calabrese, E. J. 1989. *State of the States Research and Approaches on Petroleum Contaminated Soils Issues*. In: **Petroleum Contaminated Soils: Volume II**. Lewis Publishers, Chelsea, MI.

Kostecki, P.T. and Calabrese, E. J. 1989. *Council for Health and Environmental Safety of Soils - CHESS: A Coalition to Standardize Soil Contamination Issues*. In: **Petroleum Contaminated Soils: Volume II**. Lewis Publishers, Chelsea, MI.

Calabrese, E.J., Gilbert, C. E. and Kostecki, P T. 1989. *Soil Ingestion in Children*. In: **Petroleum Contaminated Soils: Volume II**. Lewis Publishers, Chelsea, MI.

Calabrese, E.J., Barnes, R., Stanek, E.J. III, Pastides, H., Gilbert, C.E., Veneman, P., Wang, X., Laszity, A., and Kostecki, P.T. 1989. *How Much Soil Do Young Children Ingest: An Epidemiologic Study*. **Reg. Toxic. and Pharm.**, 10:123-137.

Coler, R.A., Coler , M. and Kostecki, P. T. 1988. *Tubificid Behavior as a Stress Indicator*. **Water Research** 22(2):263-267.

Kostecki, P.T. and Calabrese, E. J. 1988. *Conference Summary and Conclusions*. In: **Environmental and Public Health Effects of Soils Contaminated with Petroleum Products** (eds. Calabrese, E. J. and P.T. Kostecki). John Wiley and Sons, New York.

Kostecki, P.T. and Calabrese, E. J. 1988. *A National Survey of State Regulatory Approaches to Dealing with Soil Contaminated with Petroleum Products*. In: **Petroleum Contaminated Soils: Public and Environmental Health Effects** (eds. Calabrese, E. J. and Kostecki, P.T.). John Wiley and Sons, New York.

Calabrese, E.J., Kostecki, P. T. and Leonard, D. A. 1988. *Public Health Implications of Soils Contaminated by Petroleum Products*. In: **Petroleum Contaminated Soils: Public and Environmental Health Effects** (eds. Calabrese, E. J. and Kostecki, P.T.). John Wiley and Sons, New York.

Kostecki, P.T., Calabrese, E. J. and Horton, H. M. 1988. *Analysis and Critique of Present Risk Assessment Models for Petroleum Contaminated Soils*. In: **Petroleum Contaminated Soils: Volume I** (eds. Kostecki, P.T. and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.

Preslo, L., and Kostecki, P.T. 1988. *A Summary of Available Remedial Technologies for Petroleum Contaminated Soils*. In: **Petroleum Contaminated Soils: Volume I** (eds. Kostecki, P.T. and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.

Kostecki, P.T., Calabrese, E. J. and Fleischer, E. J. 1988. *Potential Asphalt Batching as a Viable Remedial Option for Contaminated Soils*. In: **Petroleum Contaminated Soils: Volume I** (eds. P.T. Kostecki and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.

Calabrese, E.J., Kostecki, P. T. and Gilbert, C. 1988. *Epidemiological Study Estimating the Amount of Soil Ingested by Children*. In: **Petroleum Contaminated Soils: Volume I** (eds. Kostecki, P.T. and Calabrese, E. J.). Lewis Publishers, Chelsea, MI.

Dominguez, T.M., Calabrese, E. J., Kostecki, P. T. and Coler, R. A. 1988. *The Effects of Tri- and Dichloroacetic Acids on the Oxygen Consumption of the Dragonfly Nymph, Aeschna Umbrosa*. **Env. Sci. and Health** A23(3):251-271.

Stanek, E., Calabrese, E.J., Barnes, R., Keegan, E., Lasztity, A., Wang, X., Gilbert, C.E., Pastides, H.P., Kostecki, P.T. 1988. *Ingestion of Trace Elements From Food Among Preschool Children*. **Journal of Trace Elements in Experimental Medicine**. 1:179-190.

Kostecki, P.T. and Plotkin, S. 1988. *Environmental Risk Assessment for the Housatonic River -- Point Source Discharge Data*. **Water Resources Research Center Bulletin**. University of Massachusetts. 154 pp.

Kostecki, P.T. and Plotkin, S. 1988. *Environmental Risk Assessment for the Miller's River -- Point Source Discharge Data*. **Water Resources Research Center Bulletin**. University of Massachusetts. 90 pp.

Kostecki, P.T. and Plotkin, S. 1988. *Environmental Risk Assessment for the Westfield River -- Point Source Discharge Data*. **Water Resources Research Center Bulletin**. University of Massachusetts. 100 pp.

Fleischer, E.J., Kostecki, P. T. and Calabrese, E. J. 1987. *Summary of Remedial Technologies for Leaking Underground Storage Tanks*. **Electric Power Research Institute Report**, CS-5261. 300 pp.

Kostecki, P.T. and Calabrese, E. J. 1987. *Environmental and Public Health Effects of Petroleum Contaminated Soils*. **Massachusetts Department of Environmental Quality 2-Engineering Report**. 650 pp.

Kostecki, P.T. and Plotkin, S. 1987. *Environmental Risk Assessment for the Hoosic River -- Point Source Discharge Data*. **Water Resources Research Center Bulletin**. University of Massachusetts. 76 pp.

- Kostecki, P.T. and Plotkin, S. 1987. *Directory of Aquatic Toxicology Research in the Northeast*. **Water Resources Research Center Bulletin**, University of Massachusetts. 71 pp.
- Kostecki, P.T. and Plotkin, S. 1987. *Design for an Aquatic Toxicology Research Program*. **Water Resources Research Center Bulletin**, University of Massachusetts. 13 pp.
- Kostecki, P.T. and Plotkin, S. 1987. *Results of an Aquatic Toxicology Survey of Researchers in the Northeast*. **Water Resources Research Center Bulletin**, University of Massachusetts. 19 pp.
- Calabrese, E.J., Kostecki, P. T. and Gilbert, C. 1987. *How Much Dirt Do Children Eat? An Emerging Environmental Health Question*. **Comments on Toxicology**. 1(3-4):229-241.
- Calabrese, E.J. and Kostecki, P.T. 1986. *Regulatory Approaches for Addressing Soil Contaminated with Petroleum Products*. **Trace Substances in Environmental Health**. Vol. 20.
- Kostecki, P.T., Byrne, K. and Calabrese, E. J. 1986. *Reproductive Failure Due to Environmental pH and Toxic Factors in Landlocked Rainbow Smelt (*Osmerus mordax*)*. **Water Resources Research Center Bulletin**, University of Massachusetts. 30 pp.
- Kostecki, P.T. (Contributor). 1986. *Education and Training for Health Risk Assessment and Management of Hazardous Waste*. **U.S. Department of Health and Human Services Report**, Washington, D.C.
- Fleischer, E., Noss, N. and Kostecki, P. T. 1986. *Evaluating the Subsurface Fate of Organic Chemicals of Concern Using the SESOIL Environmental Fate Model*. In: **Proceedings: National Well Water Association**.
- Calabrese, E.J., and Kostecki, P. T. 1986. *Public Health Effects of Contaminated Soils. Proceedings: Trace Substances in Environmental Health*. **Society for Environmental Geochemistry and Health**.
- Kostecki, P.T., Belle, S. and Byrne, K. B. 1986. *Physiological Stress Indicators in Fishes*. **Water Resources Research Center Bulletin**, No. 155, University of Massachusetts. 75 pp.
- Kostecki, P.T., Burnett, J., Clark, S. H. and Oliver, D. M. 1986. *Use of Data of Image Analysis Techniques in Assessing Fecundity in Witch Flounder*. **Data Image Analysis Lab Report**, University of Massachusetts.

- Kostecki, P.T. and Belle, S. E. 1986. *The Effect of Environmental Acidity and Leaf Leachates on the Bioenergetics of Brook Trout (Salvelinus fontinalis)*. **Ag. Exp. Station Report**, University of Massachusetts.
- Kostecki, P.T., Clifford, P. and Gloss, S. P. 1986. *Factors Contributing to Mortality in Turbine-Passed Fish*. **Can. J. Fish & Aq. Sci.** 44(1):210-214.
- Kostecki, P.T. and Calabrese, E. J. 1985-1987. *Options for Handling, Re-Use and Disposal of Soils Contaminated with Petroleum Products*. **Quarterly Reports for Massachusetts Department of Environmental Quality Engineering**.
- Kostecki, P.T. and Calabrese, E. J. 1985. *Options for Handling, Re-Use and Disposal of Soils Contaminated with Petroleum Products: Health Impacts - A Literature Review*. **Massachusetts Department of Environmental Quality Engineering**. 160 pp.
- Kostecki, P.T. 1984. *The Effect of Osmotic and Ion-osmotic Stresses on the Blood and Urine Composition and Urine Flow of Rainbow Trout (Salmo gairdneri)*. **J. Comp. Biochem. Physiol.** (A)79:215-222.
- Webb, P.W., Kostecki, P. T. and Stevens, E. E. 1984. *The Effect of Size and Swimming Speed on Locomotor Kinematics of Rainbow Trout (Salmo gairdneri)*. **J. Exp. Biol.** 109:77-95.
- Kostecki, P.T. 1984. *Habitat and Suitability Index Model: Spotted Seatrout (Cynoscion nebulosus)*. **U.S. Fish and Wildlife Service**. FWS/OBS-82/10.75. 22 pp.
- Kostecki, P.T. and Jones, J. J. 1984. *The Effect of Osmotic and Ion-osmotic Stresses on the Mortality of Rainbow Trout (Salmo gairdneri)*. **J. Comp. Biochem. Physiol.** 74A (3): 773-775.
- Kostecki, P.T. 1982. *The Effect of Scale Loss on the Mortality of Atlantic Salmon Smolts and Juvenile Clupeids*. In: **Potential Effects of Kaplan, Ossberger and Bulb Turbines on Anadromous Fishes of the Northeast United States**, (eds. Knapp, W.E., Gloss, S. P. and Kynard, B.). U.S. Department of the Interior, Fish and Wildlife Service, Office of Biological Services. FWS/OBS-82/62. 132 pp.
- Kostecki, P.T. 1982. *Habitat Requirements and Generalized Life History Model for the Spotted Seatrout (Cynoscion nebulosus)*. U.S. Department of the Interior, Fish & Wildlife Service, Office of Biological Services, Washington, DC. 18 pp.
- Kostecki, P.T. and Krska, R. J. 1982. *Preliminary Investigation of the Fish Fauna of the South River in the Vicinity of the Conway Dam, Conway, Massachusetts*. Town of Conway, Massachusetts, **Conservation Commission Report**. 16 pp.

Kostecki, P.T. 1981. *Ionic and Osmotic Regulation in Rainbow Trout (Salmo gairdneri)*. **Ph.D. Dissertation**. University of Michigan. 90 pp.

Skadsen, J.M., Webb, P. W. and Kostecki, P. T. 1980. *Measurement of Sublethal Metabolic Stresses in Rainbow Trout (Salmo gairdneri) Using Automated Respirometry*. **J. Env. Sci. Health Ser. B.** 15(2);193-206.

Kostecki, P.T. 1980. *Energy Expenditure for Osmoregulation in Rainbow Trout (Salmo gairdneri)*. **Mich. Acad.** 12(2):156-157.

PRESENTATIONS:

Kostecki, P.T. **Return on Investments for Internal Granting Programs at UMass Amherst**. University of Massachusetts Board of Trustees Sub-Committee on Science & Technology, Amherst, MA. February, 2009 (Invited).

Kostecki, P.T. **Superfund Research: Future Needs**. National Institute of Environmental Health Sciences, Raleigh, NC. January, 2009. (Invited).

Kostecki, P.T. **Cleaning Up Petroleum Contamination in Kuwait**. Qafqaz University, Baku, Azerbaijan. April, 2008. (Invited).

Kostecki, P. T. **Impediments for Expanding Research Capacity at the University of Massachusetts Amherst**. UMass Board of Trustees Sub-Committee on Science & Technology, Amherst, MA. November, 2005. (Invited).

Kostecki, P.T. **An Overview of the Research Area**. Dean's Council – University of Massachusetts Amherst, Amherst, MA. October, 2005. (Invited).

Kostecki, P.T. **A Human Health Risk Assessment for Depleted Uranium at China Lake Naval Weapons Facility**. AEHS 13th Annual Contaminated Soils, Sediments and Water Conference, San Diego, CA. March 17- 20, 2003. (Invited).

Kostecki, P.T. **LUST Landscape Changing: Landfilling Still In, Pump and Treat Out**. Seminar: Environmental Restoration for Sustainable Development, Sponsored by Puerto Rico EQB, San Juan, P.R. February 28, 2003. (Invited).

Kostecki, P.T. **An Overview of Setting Soil Cleanup Levels in the U.S.** Seminar: Environmental Restoration for Sustainable Development, Sponsored by Puerto Rico EQB, San Juan, P.R. February 28, 2003. (Invited).

Kostecki, P.T. **Soil Remediation Recommendations for Spring Valley: Risks and Cleanup Levels.** Mayor's Health Policy Council, Washington, D.C. March, 2002. (Invited).

Kostecki, P.T. **The Use of Human Health Risk Assessment Methodologies for Depleted Uranium Sites,** Presentation to the U.S. Navy, China Lake Naval Weapons Facility, China Lake, CA. February, 2002. (Invited).

Kostecki, P.T. **Building Collaborative Relationships between Kuwait and the University of Massachusetts.** Roundtable discussion at Kuwait Foundation for the Advancement of Sciences, Kuwait City, Kuwait. April, 2000. (Invited).

Kostecki, P.T. **Kuwait Initiatives for the University of Massachusetts and the International Petroleum Congress.** University of Massachusetts' *Committee of the Whole*, UMass Medical Center, Worcester, MA. August, 2000. (Invited).

Kostecki, P.T. **The History of Embalming and the Potential for Environmental Release of As in the Quabbin Reservoir Resulting from Embalming Practices.** Videotape Presentation for use in a Public Television Documentary, University of Massachusetts/WGBY Production, Amherst, MA. February, 2000. (Invited).

Kostecki, P.T. **Ecological Risk Assessment and Environmental Decision-Making,** Kuwait Foundation for the Advancement of Science, Kuwait. May, 1999. (Invited).

Kostecki, P.T. **Role of Risk Assessment in the Cleanup of the Burgan Oil Fields,** Kuwait Institute for Scientific Research, Kuwait. November, 1999. (Invited).

Kostecki, P.T. **Effective Marketing in the Environmental Arena.** New England Environmental Marketing Association, Waltham, MA. November, 1999. (Invited).

Kostecki, P.T. **The Use of Ecological Risk Assessment in the Cleanup of the Guadiamar Mining Disaster,** Workshop on Best Available Techniques for Guadiamar Land Recovery, Consejeria de Medio Ambiente, Seville, Spain. June, 1999. (Invited).

Kostecki, P.T. **Setting Acceptable Cleanup Standards,** Contaminated and Hazardous Waste Course, Toronto, Canada. September, 1998. (Invited).

Kostecki, P.T. **Developing Effective Partnerships for Environmental Protection,** American Embassy, Kuwait City, Kuwait. February, 1998. (Invited).

Kostecki, P.T. **Health, Safety and Environment Management for the Petroleum Industry,** Kuwait National Petroleum Company, Kuwait City, Kuwait. February, 1998. (Invited).

Kostecki, P.T. **Risk Assessment in Environmental Decision-Making.** Department of Plant & Soil Sciences, University of Massachusetts, Amherst, MA. March, 1998. (Invited).

Kostecki, P.T. **The Use of Soil Ingestion Information in Risk Assessments.** General Electric Guest Speaker Series, Schenectady, New York August, 1998. (Invited).

Kostecki, P.T. **Environmental Health Issues in the Middle East.** Colloquium on Environmental Health Issues in Developing Countries. Center for Environmental Engineering and Technology, Danvers, MA. August, 1998. (Invited).

Kostecki, P.T. **Bioremediation of Oil Lake Sludge,** Kuwait Institute for Scientific Research, Kuwait City, Kuwait. April, 1997. (Invited).

Kostecki, P.T. **Role of Policies, Laws and Regulations in Environmental Protection,** Kuwait Environmental Public Authority, Kuwait City, Kuwait. November, 1997. (Invited).

Kostecki, P.T. **Technical Approaches and Environmental Considerations for the Cleanup of the Oil Lakes in Kuwait.** Kuwait Oil Company, Basra, Kuwait. November, 1997. (Invited).

Kostecki, P.T. **TPH as a Risk Based Cleanup Standard for Petroleum Contaminated Soils.** Council of Canadian Environmental Ministers, Burlington, Ontario. October, 1997 (Invited).

Kostecki, P.T. **Current Issues with Petroleum Contaminated Soils.** Port of Los Angeles, San Pedro, CA. August, 1997. (Invited).

Kostecki, P.T. **An Overview of the State of Soil and Groundwater Contamination in the U.S.** Ecuadorian Ministry of the Environment, Quito, Ecuador. July, 1997. (Invited).

Kostecki, P.T. **Use of Risk Assessment in Setting Cleanup Standards for Contaminated Soils.** Kuwait Institute for Scientific Research, Kuwait City, Kuwait. April, 1997. (Invited).

Kostecki, P.T. **Current Issues in Risk Assessment.** Harvard University, Boston, MA. August, 1996. (Invited).

Kostecki, P.T. **Principles and Practices for Bioremediation of Contaminated Soils.** Puerto Rican Environmental Quality Board, San Juan, PR. April, 1996. (Invited).

Kostecki, P.T. **Risk Assessment as a Regulatory Tool.** Louisiana DEQ, Baton Rouge, LA. December, 1995. (Invited).

Kostecki, P.T. **Use of TPH as a Cleanup Standard for Petroleum Contaminated Soils.** Armstrong Air Force Base, San Antonio, TX. January, 1995. (Invited).

Kostecki, P.T. **An Overview of Remedial Technologies for Petroleum Contaminated Soils in the U.S..** Invited Speaker, Kuwait Foundation for the Advancement of Science-Invited Scientist Series, Kuwait City, Kuwait. October, 1994. (Invited).

Kostecki, P.T., W. Weisman, and S. Youngren. **New Approaches in the Development of Soil Cleanup Criteria: Revisiting TPH.** Health Risk Characterization & Soil Cleanup Criteria Seminar, Groundwater Association, Connecticut. May, 1994. (Invited).

Kostecki, P.T., W. Weisman and S. Youngren. **Soil and Groundwater Risk Assessment Issues.** Hazmat International Conference, Philadelphia, PA. June, 1994. (Invited).

Kostecki, P.T. **Contaminated Soils Remediation Techniques: Lessons from the Uplands.** Gulf of Mexico Coastal Ecosystems Symposium, U.S. Department of the Interior Minerals Management Service, New Orleans, LA. July 1994. (Invited).

Kostecki, P.T. **Hydrocarbon Contaminated Soils Cleanup Practices in the U.S.** New Zealand National Oil Companies Consortium Workshop, Wellington, New Zealand. December, 1993. (Invited).

Calabrese, E.J., Leonard, D.A., Baldwin, L.A., and Kostecki, P.T. **Ornithine Decarboxylase (ODC) Activity in the Liver of Individual Medaka (Oryzias Latipes).** Presented at the SETAC 13th Annual meeting, Cincinnati, OH. November 8-12, 1992.

Bell, C.E., Baldwin, L.A., Kostecki, P.T., and Calabrese, E.J. **Comparative Response of Rainbow Trout and Rat to the Liver Mitogen, Lead.** Presented at the SETAC 13th Annual meeting, Cincinnati, OH. November 8-12, 1992.

Kostecki, P.T., and Calabrese, E.J. **Soil Contaminant Research Priorities for the 1990's.** Department of Engineering, University of Massachusetts, Amherst, MA. November 23, 1991.

Kostecki, P.T., and Calabrese, E. J. **An Update on Activities of the Council for Health and Environmental Safety of Soils (CHESS).** ATSDR Guest Seminar. September 6, 1991.

Bell, C.E., Kostecki, P.T., Calabrese, E.J. **Role of Risk Assessment in State Regulatory Programs for Contaminated Soils.** Risk-based standards workshop, U.S. Department of Energy, Baltimore, MD. July 9-10, 1991.

Donohue, M., Baldwin, L., Kostecki, P.T., and Calabrese, E.J. **The Effects of Peroxisome Proliferators on Primary Trout Hepatocytes.** Conference of the American Association on Cancer Research, Houston, TX. May, 1991.

Scarano, L., Baldwin, L., Kostecki, P.T., and Calabrese, E.J. **Interactions of Peroxisome Proliferators in Rat.** American Association on Cancer Research, Houston, TX. May, 1991.

Kostecki, P.T. and Calabrese, E.J. **CHESS Development of a Defensible Risk Assessment Methodology.** Sixth Annual Conference on Hydrocarbon Contaminated Soils, University of Massachusetts, Amherst, MA. September 21, 1991.

Kostecki, P.T. and Calabrese, E.J. **An Update on CHESS Activities.** Council for the International Society of Regulatory Toxicology and Pharmacology, Washington, D.C., February 20, 1991.

Kostecki, P.T. **The Market Potential and Business Development Opportunities in the Cleanup of Petroleum Contaminated Soils.** Orlando, FL. January 17, 1991.

Wysynski, A., Baldwin, L., Kostecki, P.T., and Calabrese, E.J. **Peroxisomal Proliferators: Omega-3 fatty Acids, Clofibrate and DEHP: The Interactive Potential.** Society of Toxicology, Dallas, TX. February 27, 1991.

Yang, J., Calabrese, E.J., Kostecki, P.T., and Baldwin, L. **Effect of Rodent Hepatic Peroxisomal Proliferation on Rainbow Trout.** Presented at the Society for Environmental Toxicology and Chemistry, Washington, D.C. November 12, 1990.

Kostecki, P.T., and Calabrese, E.J. **The Relevance of CHESS to the Oil Industry.** Presented at an API sponsored meeting in Cleveland, OH. November 20, 1990.

Bell, C., Kostecki, P. T. and Calabrese, E. J. **Survey of State Approaches for Soil Cleanup Levels.** Presented at the 5th Annual Hydrocarbon Contaminated Soil Conference. University of Massachusetts, Amherst, MA. September 26, 1990.

Scarano, L., Baldwin, L. Calabrese, E. J. and Kostecki, P. T. **Lack of Peroxisomal Proliferation in Japanese Medaka Exposed to DEHP on 2,4-D.** Presented at the Society for Environmental Toxicology and Chemistry, Washington, DC. November 12, 1990.

Kostecki, P.T. and Calabrese, E. J. **The Need for Soil Cleanup Guidance.** American Petroleum Institute - Environmental Committee. Cleveland, OH. November 18, 1990.

Bell, C.E., Kostecki, P. T. and Calabrese, E. J. **Regulation of Underground Storage Tanks: Concepts, Problems and Alternatives.** Senior Seminar for Environmental Sciences, Paul Smiths College, Paul Smiths, NY, November 13, 1990.

Kostecki, P.T. and Calabrese, E. J. **A Summary and Critique of Remedial Technologies for the Cleanup of Petroleum Contaminated Soils.** Enricerche, Rome, Italy. April 24, 1990.

Kostecki, P.T. **Soil Ingestion Estimates for Adults.** Federal Environmental Agency, Berlin, West Germany. April 22, 1990.

Kostecki, P.T. and Calabrese, E. J. **CHESS - A National Coalition for Soil Cleanup in the U.S. First National West Coast Conference on Hydrocarbon Contaminated Soils and Groundwater.** Newport Beach, CA. February 19-22, 1990.

Calabrese, E.J. and Kostecki, P. T. **A Critical Evaluation of Soil Ingestion estimates in Children and Adults.** First National West Coast Conference on Hydrocarbon Contaminated Soils and Groundwater. Newport Beach, CA. February 19-22, 1990.

Bell, C.E., Kostecki, P. T. and Calabrese, E. J. **Soil Cleanup Levels for Western States. First National West Coast Conference on Hydrocarbon Contaminated Soils and Groundwater.** Newport Beach, CA. February 19-22, 1990.

Kostecki, P.T. and Calabrese, E. J. **International Approaches for Assessing Health Risks from Contaminated Soils.** National Public Health Association Conference, San Antonio, TX. June 21, 1989.

Kostecki, P. T., and Calabrese, E. J. **Leaking Underground Storage Tanks and Public Health Concerns.** Annual New England Water Pollution Control Assoc., Boston, MA. January 23, 1989.

Calabrese, E.J., and Kostecki, P. T. **Biomarkers for Toxicology Studies in Fish.** Proctor and Gamble, Cincinnati, OH. June 12, 1989.

Kostecki, P.T. and Calabrese, E. J. **CHESS - How the Military Community Can Benefit from This National Coalition on Soil Contamination.** USA THAMA's 14th Annual Army Environmental R & D Symposium. Williamsburg, VA. November 14-16, 1989.

Kostecki, P.T., Bell, C. E. and Calabrese, E. J. **National Survey of States Research: Cleanup Standards.** Fourth National Conference on Petroleum Contaminated Soils. Amherst, MA. September 25-28, 1989.

Kostecki, P.T. and Calabrese, E. J. **In Vitro Tests Using Trout Hepatocytes for Carcinogenicity Testing.** Procter & Gamble. June 12, 1989. Cincinnati, OH.

Kostecki, P.T. **CHES: Petroleum Contaminated Soils. Fourth National Environmental Health Conference.** U.S. Department of Health and Human Services. San Antonio, TX. June 20-23, 1989.

Bell, C.E., Kostecki, P.T. and Calabrese, E. J. **Regulatory Approach of State Agencies for Site Assessment and Cleanup of Petroleum Contaminated Soils.** Maine Biological and Medical Science Symposium. June 1-2, 1989. Gorham, ME.

Kostecki, P.T. **A National Agenda for Contaminated Soils. New England Environmental Health Conference.** University of Connecticut, Storrs, CT. May 19, 1989.

Calabrese, E.J. and Kostecki, P. T. **The Use of Fish As Models to Predict Carcinogenicity Responses in Humans.** ASTM Workshop on Aquatic Toxicology. Atlanta, GA, April 1989.

Kostecki, P.T. **The National Need for Leadership in the Area of Soil Contamination.** Council for Health and Environmental Safety of Soils. University of Massachusetts, Amherst, MA. January 31, 1989.

Kostecki, P.T. **Underground Storage Tanks: How Contaminated Soils Issues Are Being Addressed.** Executive Committee, New England Interstate Water Pollution Control Commission. Boston, MA. January 23, 1989.

Kostecki, P., and Calabrese, E. J. **Peroxisome Proliferation in Fish.** New England Mutagen Society. Kingston, RI. October, 1988.

Bell, C.E., Kostecki, P. T. and Calabrese, E. J. **State Regulatory Approaches to Petroleum Contaminated Soils.** Resources Educational Institute. Sturbridge, MA. December 5, 1988.

Kostecki, P.T. **University of Massachusetts' National Leadership Role in Contaminated Soils Issues.** Western Massachusetts Health Care Professionals. Bay State Medical Center, Springfield, MA. December 5, 1988.

Kostecki, P.T. **Peroxisome Proliferation in Fish.** Mutagenic Association of New England. October 28, 1988, University of Rhode Island, Kingston, RI.

Yang, J., Calabrese, E.J., and Kostecki, P. T. 1988. **Peroxisome Proliferation in the Rainbow Trout.** New England Chapter of the Society of Toxicology. October, 1988. Boston, MA.

Kostecki, P.T., Bell, C. and Calabrese, E. J. **State of the States Research and Approaches on Petroleum Contaminated Soils Issues.** Third Conference on Environmental and Public Health Effects of Soils Contaminated with Petroleum Products. September 19-21, 1988. Amherst, MA.

Calabrese, E.J., Gilbert, C. E. and Kostecki, P. T. **Soil Ingestion in Children.** Third Conference on Environmental and Public Health Effects of Soils Contaminated with Petroleum Products. September 19-21, 1988. Amherst, MA.

Kostecki, P.T. and Calabrese, E. J. **Council for Health and Environmental Safety of Soils - CHESS: A Coalition to Standardize Soil Contamination Issues.** Third Conference on Environmental and Public Health Effects of Soils Contaminated with Petroleum Products. September 19-21, 1988. Amherst, MA.

Calabrese, E.J. and Kostecki, P. T. **New Models for Epigenetic Cancers. U.S. Army Biomedical Research and Development Lab - Research Review Meeting.** August, 1988. Fort Detrick, Frederick, MD.

Coler, R., Kostecki, P. T. and Calabrese, E.J. **Assessment of the effect of chlorination practices on selected aquatic communities.** Northeast Regional Environ. Conference. Amherst, MA. May 28, 1988.

Kostecki, P.T., Calabrese, E.J. and Coler, R. **The Aquatic Toxicology Program of the Massachusetts Fisheries and Wildlife Department.** Regional Environ. Conference. Amherst, MA. May 28, 1988.

Kostecki, P.T. and Calabrese, E.J. **Developing a consistent approach for assessing public health risks from contaminated soil.** American Conference of Governmental Industrial Hygienist sponsored conference, at Arlington, VA. March 1, 1988.

Kostecki, P.T., Calabrese, E. J. and Horton, H. M. **Analysis and Critique of Present Risk Assessment Models for Petroleum Contaminated Soils.** Second Conference on Environmental and Public Health Effects of Petroleum Contaminated Soils. September, 1987. Amherst, MA.

Calabrese, E.J., Kostecki, P. T. and C. Gilbert. **Epidemiological Study Estimating the Amount of Soil Ingested by Children.** Second Conference on Environmental and Public Health Effects of Petroleum Contaminated Soils. September, 1987. Amherst, MA.

Preslo, L., Kostecki, P. T. and Calabrese, E. J. . **A Summary of Available Remedial Technologies for Petroleum Contaminated Soils.** Second Conference on Environmental and Public Health Effects of Petroleum Contaminated Soils. September, 1987. Amherst, MA.

Kostecki, P.T. and Calabrese, E. J. **State-of-the-Art of Remediation of Petroleum Contaminated Sites.** Resource Education Institute. April, 1987. Sturbridge, MA.

Fleischer, E.J. and Kostecki, P.T. **Alternative Approaches for the Remediation of Soils Contaminated with Petroleum Hydrocarbons -- Soil Venting and Health Risks.** Resource Education Institute. April, 1987. Sturbridge, MA.

Kostecki, P.T. and Calabrese, E. J. **A Review of Formal and Informal Soil Standards within the U.S.** American Society of Agronomy, 78th Annual Meeting. December, 1986. New Orleans, LA.

Kostecki, P.T. and Calabrese, E. J. **The Importance of Environmental Factors on the Reproductive Success of Smelt (*Osmerus mordax*).** Society of Environmental Toxicology and Chemistry. November, 1986. Washington, DC.

Kostecki, P.T., Calabrese, E. J. and E. Garnick. **A National Census of How Petroleum Contamination Is Being Assessed.** Society of Environmental Toxicology and Chemistry. November, 1986. Washington, DC.

Kostecki, P.T. and Calabrese, E. J. **A Review of Formal and Informal Soil Standards Within the U.S. Trace Substances in Environmental Health Conference: Society for Environmental Geochemistry and Health.** June, 1986. St. Louis, MO.

Fleischer, E.J., Noss, R., Kostecki, P. T. and Calabrese, E. J. **Evaluating the Subsurface Fate of Organic Chemicals of Concern Using the SESOIL Environmental Fate Model.** National Water Well Association. July, 1986. Springfield, MA.

Kostecki, P.T., Burnett, J. Oliver, D. and Clark, S. **Application of Analysis Techniques in Fisheries Biology: Fecundity Estimates.** American Fish Society meetings. September 1986. Providence, Rhode Island.

Kostecki, P.T. and Calabrese, E. J. **Predicting Human Health Risks from Contaminated Soil.** U.S. EPA Workshop: Assessing Health Risks from Chemical Contaminants in Soils. May, 1986. Andover, MA.

Calabrese, E.J. and Kostecki, P.T. **The Relationship Between Soil Contaminant Concentration and Dose.** U.S. EPA Workshop: Assessing Health Risks from Chemical Contaminants in Soils. May, 1986. Andover, MA.

Byrne, K.B., Kostecki, P. T. and Calabrese, E. J. **The Importance of Environmental Factors on the Reproductive Success of Smelt.** Maine Biological & Medical Sciences Symposium. May, 1986. Portland, ME.

Kostecki, P.T., Calabrese, E. J. and Garnick, E. **A National Census of How Petroleum Contamination is Being Addressed.** Maine Biological & Medical Sciences Symposium. May, 1986. Portland, ME.

Kostecki, P.T. and Calabrese, E. J. **Environmental and Public Health Effects of Petroleum Contaminated Soils: Towards a Better Understanding.** Annual Meeting of the American Public Health Association. November, 1985. Washington, DC.

Kostecki, P.T. and Calabrese, E. J. **Problems Associated with Petroleum Contaminated Soils.** Annual Meeting of the Society of Environmental Toxicology and Chemistry. November, 1985. St. Louis, MO.

Kostecki, P.T. and Calabrese, E. J. **Environmental and Public Health Effects of Petroleum Contaminated Soils.** Annual Meeting of the American College of Toxicology. November, 1985. Washington, DC.

Kostecki, P.T. and Calabrese, E. J. **Regulatory Policies for Petroleum Contaminated Soils -- How States Have Traditionally Dealt with the Problem.** Conference on Environmental and Public Health Effects of Petroleum Contaminated Soils. October, 1985. Amherst, MA.

Calabrese, E.J., Kostecki, P. T. and Leonard, D. A. **Public Health Implications of Soils Contaminated with Petroleum Products.** Conference on Environmental and Public Health Effects of Petroleum Contaminated Soils. October, 1985. Amherst, MA.

Kostecki, P.T. and Calabrese, E. J. **Emerging Environmental Problems - Contaminated Soils.** Edison Electric Institute's Utilities Solid Waste Action Group. August, 1985. Boston, MA.

Kostecki, P.T. **Environmental and Public Health Effects of Petroleum Contamination.** Maine Biological and Medical Society Symposium. 1985. Lewiston, ME.

Kostecki, P.T. and Burnett, J. **An Evaluation of Digital Image Analysis Techniques in Assessing Fecundity in Witch Flounder.** National Marine Fisheries Service Computer Use Workshop. 1985. Woods Hole, MA.

Kostecki, P.T. **Hydroelectric Dams and Anadromous Fish in the Connecticut River.** Guest Speaker Seminar Series, Pennsylvania State University. April, 1984, State College, PA.

Kostecki, P.T. **The Use of Radiotelemetry as a Method in the Assessment of Mortality in Turbine-Passed Fish.** Biology Seminar Series, University of New Hampshire. February, 1983. Durham, NH.

Kostecki, P.T. **Scale Loss Due to Turbine Passage and its Significance as a Possible Factor in the Mortality of Anadromous Fish.** N.E. Chapter of A.F.S. 1982. Cherry Hill, NJ.

Kostecki, P.T. **The Anadromous Fish Program on the Connecticut River.** Presented on Commonwealth Journal, Syndicated Radio Program. 1982. Amherst, MA.

Kostecki, P.T. **Physiological Overview of Kelt Rejuvenation in Atlantic Salmon in New England.** Fish Culture and Research Workshop of the N.E. Chapter of A.F.S. 1979. Boston, MA.

Kostecki, P.T. **The Effect of Osmotic Stress on Salmonids.** Michigan Academy of Arts, Letters and Science. 1979. Ann Arbor, MI.

Kostecki, P.T. **Energy Expenditure for Osmoregulation in Rainbow Trout (*Salmo gairdneri*).** Canadian Zoological Society. 1978. London, Ontario.

BOOKS (EDITORSHIPS):

Kostecki, P.T., Calabrese, E. J. and Dragun, J. 2008, *Contaminated Soils, Sediments and Water, Vol. XIII*. University of Massachusetts Amherst.

Kostecki, P.T., Calabrese, E. J. and Dragun, J. 2007, *Contaminated Soils, Sediments and Water, Vol. XII*. University of Massachusetts Amherst.

- Kostecki, P.T., Calabrese, E. J. and Dragun, J..2006, *Contaminated Soils, Sediments and Water, Vol. XI*. University of Massachusetts Amherst.
- Calabrese, E.J., Kostecki, P. T. and Dragun, J. 2005. *Contaminated Soils, Sediments and Water, Vol. X*. Springer Publishing, New York. 508 pp.
- Calabrese, E.J., Kostecki, P. T. and Dragun, J. 2004. *Contaminated Soils, Sediments and Water, Vol. IX*. Springer Publishing, New York. 611 pp.
- Moyer, E. and Kostecki, P. T. 2003. *MTBE Remediation Handbook*. Amherst Scientific Publishers, Amherst, MA. 670 pp.
- Kostecki, P.T., Calabrese, E. J. and Dragun, J. 2003. *Contaminated Soils, Vol. VIII*. Amherst Scientific Publishers. Amherst, MA. 471 pp.
- Kostecki, P.T., Calabrese, E. J. and Dragun, J. 2002. *Contaminated Soils, Vol. VII*. Amherst Scientific Publishers. Amherst, MA. 545 pp.
- Kostecki, P.T., Calabrese, E. J. And Dragun, J. 2001. *Contaminated Soils, Vol. VI*. Amherst Scientific Publishers. Amherst, MA. 443 pp.
- Kostecki, P.T., Calabrese, E. J. and Dragun, J. 2000. *Contaminated Soils, Vol. V*. Amherst Scientific Publishers. Amherst, MA. (In Press)
- Kostecki, P.T., Calabrese, E. J. and Bonazountas, M. 2000. *Contaminated Soils, Vol. IV*. Amherst Scientific Publishers, Amherst, MA. 479 pp.
- Kostecki, P.T. and Behbehani, M. 2000. *Assessment and Remediation of Oil Contaminated Soils*. John Wiley, Interscience. New Delhi, India. 300 pp.
- Kostecki, P.T., Calabrese, E. J. and Bonazountas, M. 1998. *Contaminated Soils, Vol. III*. Amherst Scientific Publishers, Amherst, MA. 654 pp.
- Barkan, C., Kostecki, P. T. and Calabrese, E. J. . 1998. *Principles and Practices for Diesel Contaminated Soils, Vol. 7*. Amherst Scientific Publishers. Amherst, MA. 164 pp.
- Kostecki, P.T., Calabrese, E. J. , and Bonazountas, M. 1997. *Contaminated Soils, Vol. II*. Amherst Scientific Publishers. Amherst, MA. 760 pp.
- Barkan, C., Kostecki, P. T. and Calabrese, E. J. 1997. *Principles and Practices for Diesel Contaminated Soils, Vol. VI*. Amherst Scientific Publishers. Amherst, MA. 201 pp.

- Bonazountas, M., Heterick, D. Kostecki, P. T. and Calabrese, E. J. 1997. *SEASOIL In: Environmental Fate and Risk Assessment*. Amherst Scientific Publishers. Amherst, MA. 650 pp.
- Barkan, C., Kostecki, P. T. and Calabrese, E. J. 1996. *Principles and Practices for Diesel Contaminated Soils, Vol. V*. Amherst Scientific Publishers. Amherst, MA. 180 pp.
- Calabrese, E. J., Kostecki, P. T. and Bonazountas, M. 1996. *Contaminated Soils, Vol. I*. Amherst Scientific Publishers. Amherst, MA. 762 pp.
- Kostecki, P.T., Calabrese, E. J. and Barkin., C. 1995. *Principles and Practices for Diesel Contaminated Soils, Volume IV*. Amherst Scientific Publishers, Amherst, MA. 250 pp.
- Calabrese, E. J., and Kostecki, P. T. 1995. *Hydrocarbon Contaminated Soils, Volume V*. Amherst Scientific Publishers, Amherst, MA. 767 pp.
- Kostecki, P.T., Calabrese, E. J., and M. Bonazountas. 1994. *Hydrocarbon Contaminated Soils, Volume IV*. Amherst Scientific Publishers, Amherst, MA. 487 pp.
- Kostecki, P.T., Calabrese, E. J. and C. Barkin. 1994. *Principles and Practices for Diesel Contaminated Soils, Volume III*. Amherst Scientific Publishers, Amherst, MA. 241 pp.
- Calabrese, E. J. and Kostecki, P. T. 1994. *Hydrocarbon Contaminated Soils & Groundwater, Volume IV*. Association for the Environmental Health of Soils, Amherst, MA. 650 pp.
- Calabrese, E.J. and Kostecki, P. T. 1993. *Principles and Practices for Hydrocarbon Contaminated Soils*. Lewis Publishers, Chelsea, MI. 658 pp.
- Kostecki, P.T. and Calabrese, E. J. 1993. *Hydrocarbon Contaminated Soils & Groundwater, Volume 3*. Lewis Publishers, Chelsea, MI. 656 pp.
- Calabrese, E.J. and Kostecki, P. T. 1993. *Hydrocarbon Contaminated Soils, Volume III*. Lewis Publishers, Chelsea, MI. 735 pp.
- Kostecki, P.T., Calabrese, E. J. and Barkin, C. 1993. *Principles and Practices for Diesel Contaminated Soils, Volume II*. Association for the Environmental Health of Soils, Amherst, MA. 150 pp.
- Kostecki, P.T., Calabrese, E. J., and Bonazountas, M. 1992. *Hydrocarbon Contaminated Soils, Volume II*. Lewis Publishers, Chelsea, MI. 865 pp.

Kostecki, P.T. and Calabrese, E. J. 1992. *Contaminated Soils Remediation: Current References - 1990*. Association for the Environmental Health of Soils, Amherst, MA. 113 pp.

Kostecki, P.T. and Calabrese, E. J. 1992. *Contaminated Soils: Diesel Fuel Contamination*. Lewis Publishers, Chelsea, MI. 227 pp.

Calabrese, E.J. and Kostecki, P. T. 1992. *Hydrocarbon Contaminated Soils and Groundwater - Volume 2*. Lewis Publishers, Chelsea, MI. 558 pp.

Calabrese, E.J. and Kostecki, P. T. 1991. *Hydrocarbon Contaminated Soils - Volume I*. Lewis Publishers, Chelsea, MI. 748 pp.

Kostecki, P.T. and Calabrese, E. J. 1991. *Hydrocarbon Contaminated Soils and Groundwater - Volume I*. Lewis Publishers, Chelsea, MI. 453 pp.

Kostecki, P.T. and Calabrese, E. J. 1990. *Petroleum Contaminated Soils: Volume III*. Published by Lewis Publishers, Chelsea, MI. 583 pp.

Calabrese, E.J. and Kostecki, P. T. 1989. *Petroleum Contaminated Soils: Volume II*. Lewis Publishers, Chelsea, MI. 475 pp.

Calabrese, E.J. and Kostecki, P. T. 1988. *Petroleum Contaminated Soils: Public and Environmental Health Effects*. John Wiley and Sons, NY, NY. 458 pp.

Kostecki, P.T. and Calabrese, E. J. 1988. *Petroleum Contaminated Soils: Volume I*. Published by Lewis Publishers, Chelsea, MI. 357 pp.

BOOKS (AUTHORSHIPS):

Calabrese, E.J. and Kostecki, P. T. 1992. *Risk Assessment and Environmental Fate Methodologies*, Lewis Publishers, Chelsea, MI. 150 pp.

Fleischer, E., Kostecki, P. T. and Calabrese, E. J. et al. 1988. *Remedial Technologies for Leaking Underground Storage Tanks*. Lewis Publishers, Chelsea, MI. 216 pp.

EDITORSHIPS AND EDITORIAL BOARDS:

International Journal of Soil, Sediment and Water: Documenting the Cutting Edge of Environmental Stewardship. 2008 – Present. Co-Editor-in-Chief. University of Massachusetts Amherst, Amherst MA. (An Open Access Journal).

Journal of Soil & Sediment Contamination (Formerly the *Journal of Soil Contamination*), 1995-present. Editor-in-Chief. Taylor & Francis, Philadelphia, PA.

Journal of Human and Ecological Risk Assessment, Editorial Board. 1994 - Present. Amherst Scientific Publishers, Amherst, MA.

Soils and Groundwater Cleanup Magazine. 1990-present. Chairman of the Scientific Advisory Board. Group III Publications, Kansas City, MO.

New England Waste Magazine. 1990 -1992. Editorial Board Member. Northeast Publishing Co., Guilford, CT.

NEWSLETTERS:

Kostecki, P. T. (Co-Editor). 2000 & 2004. *The Conference Connection*. Published in conjunction with the *Annual International Soil, Sediment & Water Conference* at the University of Massachusetts, Amherst, MA. 8-12pp.

Kostecki, P. T. (Co-Editor). 1991- 1999. *MATRIX Newsletter*. Published by Association for the Environmental Health of Soil (AEHS) 3-4 annually. Amherst, MA. 8-12 pp.

Calabrese, E. J. and Kostecki, P. T. (Editors). 1989-1993. Council for Health and Environmental Safety of Soils - *CHESS Newsletter*. Published by the International Society of Regulatory Toxicology and Pharmacology.

MONOGRAPHS AND SPECIAL SERIES:

Kostecki, P.T. (Senior Editor). Monograph Series, *Remedial Technologies for Hydrocarbon Contaminated Soils*. 1990 - 1993. Published by Lewis Publishers, Chelsea, MI.

Kostecki, P.T. (Editor). *Soil Contamination Book Series 1990 - 1996*. Published by Lewis Publishers, Chelsea, MI.

WORKSHOPS:

Association for the Environmental Health of Soils. *The Impact of MTBE on Drinking Water Wells in Southern California*. 10th Annual Contaminated Soils & Groundwater Conference. San Diego, CA. March, 22, 2000. (Organizer, facilitator & presenter)

University of Massachusetts. *MTBE Issues for the Northeast: A Regulatory Roundtable*. 15th Annual International Conference on Contaminated Soil and Water, Amherst, MA, October 22, 1999. (Organizer & Facilitator)

Kuwait Foundation for the Advancement of Science. *The Role of Ecological Risk Assessment in Environmental Decision-Making*. Special Foundation Workshop, Kuwait City, Kuwait, May, 1999. (Organizer, facilitator & presenter)

Kuwait Foundation for the Advancement of Science. *Risk Assessment in Protection Human Health*. Special Foundation Workshop, Kuwait City, Kuwait, February 13-17, 1998. (Organizer, facilitator and presenter)

University of Massachusetts. *A Regulatory Perspective on Arsenic Contamination in the U.S.* 14th Annual Contaminated Soils Conference, University of Massachusetts, Amherst, MA. October 19th, 1998. (Organizer and presenter)

University of Massachusetts. *A Regulatory Perspective on MTBE Contamination in the U.S.* 14th Annual Contaminated Soils Conference, University of Massachusetts, Amherst, MA. October 20th, 1998. (Organizer and presenter)

Association for the Environmental Health of Soils. *Natural Attenuation for State Regulatory Scientists*. 8th Annual Contaminated Soils and Groundwater Conference, Oxnard, CA, March 10, 1998. (Organizer and presenter)

Florida State University. *Microcosm Methodologies for the Determination of Environmental Impact from Petroleum Contamination in the Marine Environment*. Florida State University, Marine Laboratory. March, 1997. (Organizer and Presenter).

Puerto Rican Society of Civil Engineers. *Principles and Practices for the Bioremediation of Contaminated Soils*. San Juan, Puerto Rico. May, 1996. (Organizer and Presenter).

Louisiana Department of Environmental Protection. *Soil Ingestion Estimates for Exposure Assessment*. Baton Rouge, LA. June, 1995. (Coordinator/Presenter).

Arab School of Science & Technology, and the Kuwait Foundation for the Advancement of Science. *Assessment and Remediation of Oil Contaminated Soils*. Kuwait City, Kuwait. March 18-22, 1995. (Co-Leader).

Bitor and Intervep (Venezuelan Companies). *Toxicological and Chemistry Consideration for Research Development with Orimulsion*. Caracas, Venezuela. March 1-3, 1995. (Participant).

University of Massachusetts. *The Use of Total Petroleum Hydrocarbons (TPH) for Standard Setting by State Regulatory Agencies*. Amherst, MA. October 19, 1995. (Coordinator/Leader).

Association for the Environmental Health of Soils (AEHS). *The Use of TPH as a Soil Cleanup Standard in New Mexico, Washington, New York, and New Jersey*. New Orleans, LA. January 12, 1995. (Coordinator/Leader).

University of Massachusetts. *State Regulatory Issues for Hydrocarbon Contaminated Soils*. Amherst, MA. September 19, 1993. (Coordinator/Leader).

U.S. EPA. *Exposure Factors Workshop*. Washington. July, 1993. (Participant).

University of Massachusetts. *State Regulatory Issues for Hydrocarbon Contaminated Soils*. Amherst, MA. September 23, 1992. (Coordinator/Leader).

Health and Welfare Canada. *Workshop on Human Health and Ecological Risk Assessment Methodologies*. Toronto, Canada. March 13 & 14, 1992. (Coordinator).

Council for Health and Environmental Safety of Soils - CHESS. *Workshop on the PPLV/PHAS Methodology*. University of Massachusetts, Amherst, MA. January 21, 1991. (Coordinator).

Council for Health and Environmental Safety of Soils - CHESS. *Workshop on the PPLV/PHAS Methodology*. American Petroleum Institute, Washington, DC. February 11, 1991. (Coordinator).

PROFESSIONAL COMMITTEES, COUNCILS, ASSOCIATIONS AND INITIATIVES:

International Environmental Project – Euroasia, Juror. Baku, Azerbaijan. April, 2008.

Indo-US Inter-University Collaborative Initiative in Higher Education and Research, Indian Presidential Initiative, New Delhi, India, December, 2005.

Chemical Land Holdings, *Expert Panel for the Passaic River Creel Angler Survey Project*, (Chairman). (2000 - 2003)

Spring Valley Scientific Advisory Board on Arsenic, Member. Mayor's Health Council for Washington, D.C. (2000 – 2004).

Fox River Group, *Peer-Review Panel for the Fox River Risk Assessments*. (Co-Chair). (1999 - 2003).

MTBE Advisory Committee. Member. University of California-Riverside. (1999 – 2001).

Rio Guadiamar Scientific Council. Member. Consejeria de Medio Ambiente, Seville, Spain. (1999- 2000).

Kuwait Foundation for the Advancement of Science. Scientific Advisor - Risk Assessment. (1997- 2000).

Environmental Engineering and Operations Committee. Association of American Railroads. Washington, DC. (1996 – 1999).

GeoRef Advisory Committee, Member. (1996 - 1999). American Geological Institute. Alexandria, VA.

Kuwait Foundation for the Advancement of Science, Scientific Advisor. (1994-1995). Kuwait City, Kuwait.

TPH Criteria Working Group. Steering Committee Member, Chairman of the Technical Information Exchange Committee. (1994 – Present). Coalition of State Regulatory Agencies; DOE; DOD; EPA; ATSDR; Petroleum, Power, and Transportation Industries.

Hydrocarbon National Test Site Program Advisory Committee, Member. (1994 – Present). U.S. Navy, Naval Facilities Engineering Service Center, Port Hueneme, CA.

Integrative Assessment Team, Member. (1994 – 1998). Florida Power & Light, West Palm Beach, FL.

Provost's University Environmental Resources Coordinating Committee, Member. (1992 – 1995). University of Massachusetts at Amherst, MA.

Product Advisory Council - Chairman. (1991 – 1992). Agri-Diagnostics/Quantix/Union Carbide. Moorestown, NJ.

Soils and Groundwater Cleanup Magazine. Scientific Advisory Board - Chairman. (1990 – Present). Group III Publications. Kansas City, MO.

Association for the Environmental Health of Soils, Executive Director. (1990 – Present). Amherst, MA.

Massachusetts Bureau of Waste Site Cleanup Committee. (1990 – Present). Massachusetts Department of Environmental Protection, Boston, MA.

Fish Toxics Program Committee, (1988 – 1992). Massachusetts DEQE/WPC, Westboro, MA.

Aquatic Toxicology Policy Committee, (1986 – 1987). Division of Fish and Wildlife - Massachusetts, Westboro, MA.

Aquatic Toxicology Scientific Review Committee, (1986 – 1987). Division of Fish and Wildlife - Massachusetts, Westboro, MA.

Hazardous Waste Advisory Committee, (1985 – 1988). Division of Solid and Hazardous Waste, Commonwealth of Massachusetts. Boston, MA.

Coordinating Committee for Massachusetts Cooperative Fisheries Research Unit, (1983). Fisheries Program, University of Massachusetts. Amherst, MA.

N.E. Interstate Water Pollution Control Commission, (1982 - 1987). Task Force on Acid Rain. Boston, MA.

Program Review Committee, (1980). School of Natural Resources, University of Michigan. Ann Arbor, MI.

Search Committee, (1978). Assistant Professor, Fisheries Management Position, University of Michigan. Ann Arbor, MI.

GRADUATE COMMITTEES:

Nascarella, M. 2002. *Cadmium Induced Hormesis and Stage Specific Toxicity in the Black Blowfly (Phormia Regina)* M.S., Department of Environmental Health Sciences, University of Massachusetts, Amherst, MA.

Fineran, K. 2001. *Novel Anaerobic Bioremediation Strategies for Metal and Organic Contaminants*. Ph.D. Department of Microbiology, University of Massachusetts, Amherst, MA.

Pough, M. 1999. *Anaerobic Degradation of Plastics in Landfills*. M.S., Department of Microbiology, University of Massachusetts, Amherst, MA.

Reeves, R. 1998. *The Effect of Age and Sex on Kepone-CCL₄ Liver Toxicity*. M.S., School of Public Health, University of Massachusetts, Amherst, MA.

Hood, T. 1998. *The Use of Nematodes as Models for Identifying Endocrine Disruptors*. M.S., School of Public Health. University of Massachusetts, Amherst, MA.

- Moghaddam, Abdollah. 1995. *Co-Metabolism Using Butane for the Degradation of Chlorinated Solvents*. M.S., Plant & Soil Science. University of Massachusetts. Amherst, MA.
- Johnson, R. 1994. *The Effects of Repeat Dosing and Repeat Bleeding Separately and Together on CCl₄ Toxicity of the Liver*. M.S. School of Public Health. University of Massachusetts. Amherst, MA.
- Ewald, K. 1993. *Effect of Lead on the Nephrotoxicity of Mcuric Chloride*. M.S., School of Public Health., University of Massachusetts. Amherst, MA.
- Bollieau, M. 1992. *TPE-induced Hemolysis of Female Swiss Mouse and Dorset Sheep Erythrocytes*. M.S., School of Public Health. University of Massachusetts. Amherst, MA.
- Scarano, Lou. 1991. *Japanese Medaka as a Model for Epigenetic Carcinogenesis*, Ph.D., School of Public Health. University of Massachusetts. Amherst, MA.
- Rust, Bruce. 1991. *Distribution of Cadmium, Copper, and Zinc in Smallmouth Bass (Micropterus Dolomieui)* M.S., School of Public Health. University of Massachusetts. Amherst, MA..
- Donahue, Mary. 1991. *Development of Fish In Vitro Hepatocyte Systems for the Evaluation of Epigenetic Carcinogens*. M.S., School of Public Health. University of Massachusetts. Amherst, MA.
- Ochs, John. 1990. *Chemical Interactions and Peroxisome Proliferation*. M.S., School of Public Health. University of Massachusetts. Amherst, MA.
- Coler, Ming. 1990. *In-Stream Assessment of the Impact of Chlorinated Sewage on Benthic Macroinvertebrates*. M.S., School of Public Health. University of Massachusetts. Amherst, MA.
- Salimi, Ali. 1989. *Use of Electron Microscopy in the Identification of Peroxisome Proliferation in Rainbow Trout Hepatocytes*. M.S., School of Public Health. University of Massachusetts. Amherst, MA.
- Yang, J. 1989. *Peroxisome Proliferation in Rainbow Trout*. Ph.D., Division of Public Health, University of Massachusetts. Amherst, MA.
- Fleischer, E. 1987. *The Environmental Fate of Petroleum Hydrocarbons in Soils. Environmental Engineering*, M.S., School of Public Health. University of Massachusetts. Amherst, MA.

Byrne, K. 1987. *Characterization of the Immune System in Atlantic Salmon (Salmo-salar)*. Ph.D., Zoology Department, Dissertation. University of Massachusetts. Amherst, MA.

Dominguez, T. 1986. *The Effect of Di-and Tri-chloroacetic Acid on the Oxygen Consumption of Dragonfly Nymphs*. M.S., Env. Health Program. University of Massachusetts. Amherst, MA.

Garnick, E. 1986. *Regulatory Policies for Petroleum Contaminated Soils. A National Survey*. M.P.H., Division of Public Health. University of Massachusetts. Amherst, MA.

Bell, C.E. 1982. *Mortality of Adult American Shad Resulting from Turbine Passage at a Hydroelectric Facility*. M.S., Fisheries Program. University of Massachusetts. Amherst, MA.

Stier, D. 1982. *Immediate Mortality of Atlantic Salmon Smolts Resulting from Passage through a Kaplan Turbine at Holyoke Dam, Holyoke, Massachusetts*. M.S., Fisheries Program. University of Massachusetts. Amherst, MA.

Taylor, R.E. 1982. *Immediate Mortality of Juvenile Clupeids Passed through a Kaplan Turbine at Holyoke Dam, Holyoke, Massachusetts*. M.S., Fisheries Program. University of Massachusetts. Amherst, MA.