

Summary Resume

G. Fred Lee, PhD, PE(tx), BCEE, F.ASCE

27298 E. El Macero Dr.

El Macero, CA 95618-1005

530-753-9630 ☎ gfredlee33@gmail.com ☎ www.gfredlee.com

EDUCATION

Ph.D. – Environmental Engineering & Environmental Science, Harvard University, Cambridge, MA, 1960

M.S.P.H. – Environmental Science-Environmental Chemistry, School of Public Health, University of North Carolina, Chapel Hill, NC, 1957

B.A. – Environmental Health Science, San Jose State University, 1955

ACADEMIC AND PROFESSIONAL EXPERIENCE

Present:

Environmental Quality Consultant, President/Principal G. Fred Lee and Associates

Previous Positions:

Distinguished Professor, Civil and Environmental Engineering, New Jersey Institute of Technology, Newark, NJ, 1984-89

Senior Consulting Engineer, EBASCO-Envirosphere, Lyndhurst, NJ (part-time), 1988-89

Coordinator, Estuarine and Marine Water Quality Management Program, NJ Marine Sciences Consortium Sea Grant Program, 1986-1988

Director, Site Assessment and Remedial Action Division, Industry, Cooperative Center for Research in Hazardous and Toxic Substances, New Jersey Institute of Technology et al., Newark, NJ, 1984-1987

Professor, Department of Civil and Environmental Engineering, Texas Tech University, 1982-1984

Professor, Environmental Engineering, Colorado State University, 1978-1982

Professor, Environmental Engineering & Sciences; Director, Center of Environmental Studies, University of Texas at Dallas, 1973-1978

Professor of Water Chemistry, Department of Civil & Environmental Engineering, University of Wisconsin-Madison, 1961-1973

Registered Professional Engineer, State of Texas, Registration No. 39906

PUBLICATIONS AND AREAS OF ACTIVITY

Published >1,150 professional papers, chapters in books, professional reports, and similar materials:

- Studies on sources, significance, fate and the development of control programs for chemicals in aquatic and terrestrial systems.
- Analytical methods for chemical contaminants in fresh and marine waters.
- Landfills and groundwater quality protection issues.
- Impact of landfills on public health and environment.
- Environmental impact & management of various types of wastewater discharges including municipal, mining, electric generating stations, domestic & industrial, paper & steel mill, refinery wastewaters

- Stormwater runoff water quality evaluation and BMP development for urban areas and highways
- Eutrophication causes and control, groundwater quality impact of land disposal of municipal and industrial wastes, environmental impact of dredging and dredged material disposal, water quality modeling, hazard assessment for new and existing chemicals, water quality and sediment criteria and standards, water supply water quality, assessment of actual environmental impact of chemical contaminants on water quality.

LECTURES

Presented > 750 lectures at professional society meetings, universities, professional & public groups

GRANTS AND AWARDS

Principal investigator for over \$6-million of contract & grant research in water quality and solid & hazardous waste management fields

GRADUATE WORK CONDUCTED UNDER SUPERVISION OF G. FRED LEE

Over 90 M.S. theses and Ph.D. dissertations have been completed under the supervision of Dr. Lee.

ADVISORY ACTIVITIES

Consultant to numerous international, national and regional governmental agencies, community and environmental groups and industries.