

KEN FUCIK

Ecologist

The Seacrest Group

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EDUCATION

Master of Science in Biological Oceanography, Texas A&M University, 1974

Bachelor of Science in Zoology, Texas Tech University, 1971

CAPABILITIES

Mr. Fucik has a broad range of experience in investigating environmental impacts in aquatic and terrestrial habitats throughout the U.S. and abroad. He has directed or participated in projects on all of the U.S. coasts including Alaska and throughout the Rocky Mountain and Plains States. Internationally, he has directed projects in South America, Asia, and Europe. Mr. Fucik possesses training in both field and laboratory studies on the ecological and physiological effects of contaminants on marine and freshwater environments. He has directed major remediation/reclamation projects in sensitive habitats ranging from mountainous areas to coastal systems and tropical rainforests. Since 1994, Mr. Fucik has directed and/or participated in the preparation of 15 EIA's around the world. Mr. Fucik has started and/or managed several environmental chemistry and toxicology labs since 1987 and is currently President of the Board for Envirolab-Peru, an analytical lab in Lima, Peru. He was an appointed member of a committee charged with recommending Superfund status for active and historical mining operations in the Lefthand Watershed in Colorado.

Mr. Fucik has authored numerous reports and scientific papers on topics involving the effects of contaminants in aquatic environments. He has been an invited lecturer both in the U.S. and abroad and given training on topics involving dispersants usage and aquatic toxicity testing. He is a reviewer of scientific papers dealing with toxicology topics for the Journal of Environmental Toxicology and Chemistry and the Journal of Marine Research.

EXPERIENCE

August 1987 to Present: General Manager - The SeaCrest Group

Has directed and/or participated in water quality assessments throughout the U.S. and abroad. Directed a feasibility study for remediating and reclaiming impacted areas in the Amazonian rainforest. Directed preparation of 15 EIA/s and other permitting documents for seismic, exploration, and development for offshore and onshore oil and gas resources in South America, Asia, Africa, and Middle East. Participant in a Natural Resource Damage Assessment for an oil spill from a pipeline break off the California coast. Managed several laboratory investigations to evaluate the effects of oil and dispersed oil on the eggs and larvae of fish and invertebrates in the Gulf of Mexico and Java Sea off Indonesia. Conducted field and laboratory studies to evaluate the effects of produced waters from offshore and onshore drilling operations on human health and the environment. Directed aquatic surveys to determine environmental impacts of produced water discharges on rivers in the Peruvian Amazon. Directed a feasibility study for treating fishmeal wastes and developing secondary aquaculture operations on Peruvian coast. Directed a study to map contamination in over 1 million acres of hydrocarbon producing blocks in the Peruvian Amazon. Directed study to identify soil and groundwater contamination and develop remedial options for a refinery in Lima, Peru. Assessed environmental impacts on surface and groundwaters following a gas well blowout in Bangladesh. Developed Environmental Management Program for solids wastes, drilling wastes, water quality, and air for a major petroleum company's operations in Bangladesh. Conducted an aquatic habitat survey to determine effects of mine discharges on the Crystal River, Colorado. Measured recovery of a river following mine reclamation efforts near St. Mary's Glacier, Colorado. Performs toxicity reduction evaluations on wastewater discharges from municipal discharges, mining operations, oil and gas operations, and manufacturing facilities to determine causes of toxicity. Directed toxicological investigations to assist engineering companies involved in designing treatment facilities for the Yak Tunnel and the Summittville Mine.

September 1982 to Present: Continental Shelf Associates

Provides technical support on toxicological issues particularly as it relates to discharges of muds and cuttings and produced waters. Developed the construction and operations monitoring plans for a major oil and gas development in Sakhalin, Russia. Prepared the Coast Guard application for a LNG regasification project in the Gulf of Mexico. Provided technical expertise to review the food chain effects of cutting piles in the North Sea. Participant in hard bottom surveys and environmental impact assessments (EIAs) for oil and gas lease tracts off California, Alaska, and Florida. Prepared environmental assessments for proposed dams at two locations in Texas. Directed a study of 120 potential mitigation sites along the Texas coast in seagrass, wetland and oyster reef habitats. Prepared permitting documents for proposed sewage outfalls off South Florida coast. Reviewer and contributor to oil spill response plans and dispersed oil monitoring plans for several oil and utility company clients. Participant in project to review and critique MIRG Oil Spill Response Model.

September 1977 to August 1982: Science Applications Inc. - Biological Oceanographer
Provided biological expertise on multidisciplinary study to synthesize environmental data for Alaskan offshore and coastal water prior to oil and gas leasing. Participated in primary productivity studies of two Alaskan wetlands. Participant in NOAA's Damage Assessment Team charged with designing environmental damage assessment studies following IXTOC oil spill in Bay of Campeche. Directed study to synthesize results to determine effects of oil and gas production in Buccaneer Field off Galveston, Texas. Conducted study to determine role of mathematical models for wetlands investigations for Corps of Engineers. Directed preparation of an oil spill response plan for oil and gas producer in Mobile Bay, Alabama.

May 1974 to August 1977: Texas A&M University - Research Associate
Conducted field and laboratory investigations on the fate and effects of oil in the marine environment.

September 1972 to May 1974: Texas A&M University - Graduate Student
Investigated the effects of oil and gas production on the phytoplankton ecology in the Louisiana offshore.