

## Appendix A

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# **HISTORY, ORGANIZATION, AND STAFF**

The Coastal Water Research Project was founded in 1969, when five local government agencies (Ventura County, the Cities of San Diego and Los Angeles, and the County Sanitation Districts of Los Angeles and Orange Counties) entered into a joint powers agreement to sponsor environmental studies. Their intention was to develop regional scientific information on the coastal waters extending from Point Conception to the Mexican border. To keep the Project free of partisan pressures, its control was delegated to a commission of local civic leaders and elected officials, who would reflect the public concern for environmental quality. The financial support from the local government agencies has been supplemented in the last few years by a series of grants from the U.S. Environmental Protection Agency.

The Project's twenty-five scientists are organized into three divisions—biology, chemistry, and engineering, as shown on the organization chart on the following page (Figure 1). The staff receives overall guidance from a consulting board of eminent scientists from five major universities. The members of the research team are described in the following paragraphs and in Figure 2.

### **WILLARD BASCOM, Project Director**

Mr. Bascom is an oceanographer with 28 years of experience in scientific work at sea. The early part of his career was spent with the University of California, both at Berkeley and at Scripps Institution of Oceanography, researching waves and beaches; he later directed the Mohole Project for the National Academy of Sciences. In recent years he has organized and led many ocean science and engineering projects around the world. Mr. Bascom is author of many books and papers about the ocean, a member of several senior government advisory committees, and a frequent university lecturer.

### **ALAN J. MEARNES, Fisheries Biologist**

Dr. Mearns is head of the Project's biology division. He is an expert on the effects of environmental stress on marine fish and invertebrates. Dr. Mearns received his bachelors and masters degrees from California State University at Long Beach and was a Water Pollution Trainee on a 4-year program at the College of Fisheries, University of Washington, Seattle, where he received his Ph.D. degree in 1971. He has conducted detailed physiological studies in the Arctic Ocean, Bristol Bay (Alaska), Puget Sound, and southern California.

### **DAVID R. YOUNG, Chemical Oceanographer**

Dr. Young is head of the chemistry department and an expert on trace metals and toxic organic materials in marine life. He received his bachelors degree in physics from Pomona College in

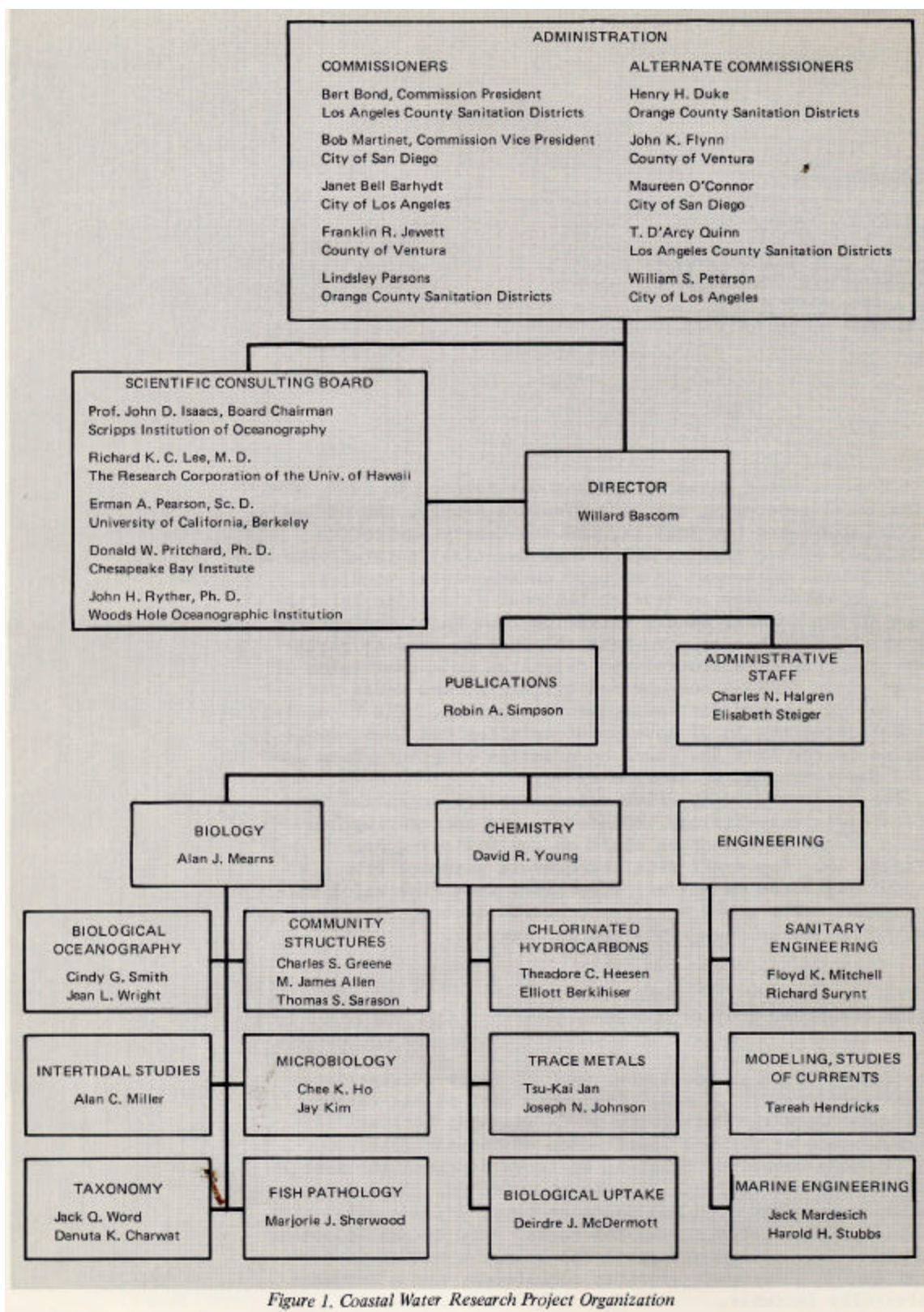


Figure 1. Coastal Water Research Project Organization

1960 and then studied nuclear engineering at UCLA. After years of work at the Scripps Institution of Oceanography on the problems of low-level radioactivity in the marine environment. Dr. Young received a Ph.D. degree in biological oceanography. He is the author of a number of papers on biotoxicity.

#### JACK MARDESICH, Engineer

Mr. Mardesich has spent his life working on the design, construction, and operation of all kinds of marine equipment. He was educated at Northrop Institute of Technology, California State University at Long Beach, and the University of Southern California, receiving a B.S. from the latter in 1955. Mr. Mardesich spent 3 years in South Africa as chief engineer of a large marine diamond prospecting operation. He is an expert on marine hydraulics and instrumentation, including underwater television systems.

#### TAREAH HENDRICKS, Physicist

Dr. Hendricks brings mathematical order to the Project's diverse findings in chemistry, biology, and oceanography. He obtained a B.S. degree from the University of California at Berkeley with "highest honors" in physics and a Ph.D. from the University of California at San Diego as a National Science Foundation fellow in 1967. Dr. Hendricks' previous research has focused on high energy physics, sanitary engineering, and experimental reverse osmosis.

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M.A., University of California, Los Angeles, 1970

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B.A., California State University, Long Beach, 1973

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B.S., University of Arizona, 1969

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COREY DZITZER, Research Technician, Biology  
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B.S., California State University, Long Beach, 1969

JEAN L. WRIGHT, Laboratory Technician, Biology

*Figure 2. Coastal Water Research Project staff*