



Energy Harvesting Systems

DR. HANS KROCK



Dr. Hans Krock is President of Krock Design Associates LLC, Member, Energy Harvesting Systems, LLC in Honolulu, Hawaii. Dr. Krock is also Emeritus Professor of Ocean and Resources Engineering at the University of Hawaii at Manoa. He received his Bachelor of Science degree (Civil Engineering) from Arizona State University at Tempe and his Master of Science degree (Sanitary Engineering) from the University of California at Berkeley. Following a period in a research position with the Los Angeles County Sanitation Districts he returned to the University of California at Berkeley and earned his Ph.D. in Environmental Engineering with minors in Chemistry and Chemical Engineering.

Dr. Krock's professional experience includes positions with governmental agencies, in private enterprise and in academia. He is a licensed Professional Engineer (Civil) in Hawaii. He also established a certified water quality laboratory which was instrumental in his development of the water quality standards for the State of Hawaii and for American Samoa. He has conducted projects in numerous islands in the Pacific and Indian Oceans and in the Caribbean. He has also worked in Arizona and California as well as in Germany, Sweden, Poland, and South Korea.

Dr. Krock's academic experience includes serving as Chairman of the Department of Ocean and Resources Engineering, serving as Director of J.K.K. Look Laboratory of Oceanographic Engineering, and serving as Chairman of the Diving Control Board of the University of Hawaii. He has also been a visiting professor at the Christian-Albrechts-Universität zu Kiel, KTH – Royal Institute of Technology in Stockholm, Wroclaw University of Technology in Poland, and the National University of Singapore.

At the University of Hawaii, Dr. Krock and his students conducted significant research related to the practical development of Ocean Thermal Energy Conversion (OTEC) Systems. This work resulted in numerous publications and three patents.

Dr. Krock has been instrumental in the multi-disciplinary development of OTEC and is globally recognized as the architect of the resurgence of this technology to address the problems of over dependence on fossil fuel and global warming.

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