

WILLIAM H. ROLEY, Ph.D.
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Dr. Bill Roley is an applied ecologist, environmental instructor and consultant. He designs strategies to improve sustainable resources for homes, organizations, governments and business. He combines the disciplines of anthropology, biology, architecture, engineering, agriculture, and ecology to address modern challenges of providing for human needs while maintaining ecosystem health. He has consulted and presented internationally on how to incorporate these multifaceted concepts into working sustainable systems. His courses at Universities and Colleges link the social and environmental sciences into an integrated pattern. His teaching and design work at the John Lyle Center for Regenerative Studies at California Polytechnic University is a graphic example of this interdisciplinary work. He created and ran the Ecological Restoration certificate program at Saddleback College and taught biology at Soka University.

Dr. Roley is committed to the future planning of economically viable, environmentally sensitive, and culturally appropriate development patterns. Some of his Southern California government consultation includes creating a healthy watershed series for the County of Orange, a landscape and composting ordinance for Irvine, developing wastewater nutrient cycling strategies for Malibu; and watershed planner in Aliso Viejo. Dr. Roley designed the Laguna Hills Leisure World yard waste composting project, Ecology Farms vermicomposting site and has consulted on integrated green waste management projects for the Counties of Orange, Los Angeles, San Diego and Ventura. He developed home composting educational services as Sales and Marketing Director of the EarthMachine, Norseman Plastics, Ontario, Canada for the USA market.

As a Resource manager for the Thousand Oaks, Ahmanson Ranch development he created water harvesting, flood control and habitat restoration master plan to respect the diversity and complexity of the surrounding ecosystem. An example of his international work is the design and installation of agroforestry and sustainable/edible landscapes for an orphanage landscape in Tijuana, Mexico and in Porte Alegre, Brazil. He worked on an ecotourist biopreserve for The American Society of

Landscape Architecture and Pronatura in the Yucatan, Mexico and at El Pilar, Belize for UCSB Mesoamerican Institute.

Based on his belief that edible landscaping and urban agroforestry are the wave of the future, Dr. Roley designed and built Sprout Acres, a residential demonstration site integrating food, energy and water cycles in Laguna Beach, California. He is founding director of the Permaculture Institute of Southern California and co-founder of the Eos Institute and its environmental journal Earthword.

He brings a contagious enthusiasm and an academic overview to the public forum and frequently makes presentations to businesses, professional societies, conferences and civic groups. He received his undergraduate degree in Psychology with majors in Mathematics, and Biology from University of California, Irvine. His doctorate was conferred in 1976 for Social Sciences; Anthropology and Psychology, also from the University of California, Irvine