



Patricia Holden, PhD

*Professor, UCSB Bren School of the Environment*

*Faculty, UC Center for Environmental Implications of Nanotechnology*

Patricia Holden is a Professor of Environmental Microbiology and Microbial Ecology in the Donald Bren School of Environmental Science & Management at the University of California, Santa Barbara. Her B.S. and M.S. degrees are in Civil/Environmental Engineering and her Ph.D. is in Soil Microbiology. Her research cross-cuts these fields, with current projects regarding the interactive effects of soil, water, and nutrients on deep-soil bacterial processes, bacterial interactions with engineered nanomaterials in soil and water, and microbiological coastal water quality in urban environments. She is the research leader for the UC CEIN Interdisciplinary Research Group studying engineered nanomaterial interactions at the molecular, cellular, organ, and systemic levels.