

Short bio

Alvine C. Mehinto, PhD

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Dr. Alvine C. Mehinto is a Senior Scientist at the Southern California Coastal Water Research Project (SCCWRP) where she specializes on the application of emerging molecular technologies to assess water quality and impact of contaminants on aquatic organisms. She received her BSc in Marine Biology from the University of Portsmouth (UK) and her PhD in Biological Sciences from the University of Exeter (UK). Before joining SCCWRP, Dr. Mehinto was a Postdoctoral Research Associate in the Center for Environmental and Human Toxicology at the University of Florida. Her research focused on the development and field application of cDNA microarrays for ecologically relevant species.

Dr. Mehinto's current research interests include field application of molecular techniques - microarrays and gene biomarkers – to monitor the health of aquatic organisms, use of in vitro cell assays for water quality assessment, impact of natural and synthetic contaminants at various levels of biological organization. She is working in partnership with academics, permittees and regulators in California to evaluate the use of in vitro cell assay technology, and develop guidance for the assessment of emerging contaminants in freshwater, brackish and marine environments. Dr. Mehinto is a member of the Society of Toxicology, the Society of Environmental Toxicology and Chemistry, and she is currently serving on the editorial board of Environmental Toxicology and Chemistry.