



## Douglas P. Nowacek

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Douglas Nowacek completed his undergraduate studies in Zoology at Ohio Wesleyan University in 1991. In 1993 he entered the MIT/WJ\HOI (Massachusetts Institute of Technology/Woods Hole Oceanographic Institution) Joint Program in Biological Oceanography where he studied with Dr. Peter Tyack.

Doug's Ph.D. research focused on the foraging behavior and use of biosonar in bottlenose dolphins, *Tursiops truncatus*. His work resulted in the first quantitative, detailed accounting of dolphin foraging behavior, and showed that echolocation is involved in the foraging sequence. For this work Doug pioneered the use of an overhead video system which provided continuous footage of animals below the surface. On the acoustic side Doug worked with Mark Johnson of the Applied Ocean Physics and Engineering Department at WHOI to develop an acoustic data logger capable of recording every click produced by a free-ranging dolphin.

Dr. Nowacek's primary research interests are: behavioral and acoustic response of Marine Mammals to anthropogenic Noise, circumstances surrounding collisions between vessels and endangered marine mammals, and odontocete foraging behavior and biosonar