

QUALIFICATIONS

BA (Biology), University of Nebraska-Lincoln, 1993

MSc (Marine Ecology), Florida Institute of Technology, 1998

PhD (Zoology/Marine Science) University of Otago, 2006

PROFESSIONAL AFFILIATIONS

Society for Marine Mammalogy

American Society of Mammalogy

New Zealand Marine Sciences Society

ROLE AT CAWTHRON

Deanna is a marine ecologist within the Coastal and Freshwater Group, specialising in marine mammal ecology. Deanna has worked on a variety of projects including impact assessments and the design of several resource consent monitoring studies.

SPECIAL INTERESTS

- Spatial and temporal distribution patterns of wildlife populations, especially marine mammals (GIS-based)
- Environmental influences on habitat preference and utilisation of populations
- Sustainable coastal development and marine mammals

SELECTED PUBLICATIONS

Clement D 2008. Assessment of potential effects on marine mammals of proposed capital dredging of approach channel to Lyttelton Port of Christchurch and offshore disposal of spoil. Prepared for Lyttelton Port Company. In prep.

Conwell C, **Clement D** 2008. Assessment of the fish and marine mammals of Bream Bay. Prepared for Lyttelton Port Company. In prep.

Clement D, Barter P 2008. Monaco Peninsula to Bells Island wastewater pipeline - assessment of environmental effects. Prepared for Nelson Regional Sewerage Business Unit. In prep.

Dawson S, Slooten E, DuFresne S, Wade P, **Clement D** (2004). Small-boat surveys for coastal dolphins: line-transect surveys for Hector's dolphin (*Cephalorhynchus hectorii*). Fisheries Bulletin 102 (3): 441-451.



Clement D, Slooten E, Dawson SM, DuFresne S (2001). Line-transect survey of Hector's dolphin abundance between Farewell Spit and Motunau. DOC Science Internal Series 22. Department of Conservation, Wellington. 15p.

Clement D, DuFresne S, Slooten E (2001). Potential effects of a proposed mussel farm on the whales and dolphins of the North Otago coastline. Report for Sanfords Ltd., Dunedin, 12p. (Unpublished).

Clement D, Jones G, Slooten E (1999). Report on the potential effects of mussel farming in Clifford Bay on the Hector's dolphin population in the area. Report for Clifford Bay Marine Farms Ltd., Dunedin, 12p. (Unpublished).