

## QUALIFICATIONS

BSc Zoology, University of Auckland, 1990

BSc (Hons 1st Class), Marine Biology, Victoria University of Wellington, 1992

PhD Ocean Sciences Centre, Memorial University, Canada 1998

Post-doctoral research fellow, National Institute of Water & Atmospheric Research (NIWA), 1999



## ROLE AT CAWTHRON

Joanne is a Marine Scientist within the Coastal & Freshwater Group. Joanne's primary area of expertise is the study of benthic communities in marine soft-sediment habitats. She is involved in a range of coastal management projects including her current research that investigates the effects of sedimentation and nutrient inputs on estuarine benthic communities.

## SPECIAL INTERESTS & ACHIEVEMENTS

Joanne's research interests include the biodiversity and conservation of estuarine and coastal habitats. Specific research areas include;

- Spatial and temporal variation in benthic soft-sediment ecology
- Ecological impact assessment of sedimentation, nutrients and oil and gas activities on marine habitats
- Organism-hydrodynamic interactions
- Biodiversity in mangrove and seagrass habitats

## SELECTED PUBLICATIONS

**Ellis J, Schneider D** 2008. Spatial scaling in benthic ecology. *Journal of Experimental Marine Biology and Ecology* 366: 92-98.

Fraser G, **Ellis J** 2008. Lost opportunities for follow-up: Offshore hydrocarbon spills in eastern Canada. *Journal of Environmental Assessment, Policy and Management* 10 (2): 173-187.

Fraser G, **Ellis J**, Hussain L 2008. An international survey of governmental disclosure of hydrocarbon spills from offshore oil and gas installations. *Marine Pollution Bulletin* 56: 9-13.

Fraser G, **Ellis J** 2008. Reply from Gail Fraser and Joanne Ellis to letter from C-NSOPB. *Journal of Environmental Assessment, Policy and Management*, 10 (4): 483.

Lovelock C, Feller I, Ball M, **Ellis J**, Sorrell B 2007. Testing the growth rate hypothesis versus geochemical hypothesis for latitudinal variation in plant nutrients. *Ecology Letters*, 10 (12): 1154-1163.

Lovelock C, Feller I, **Ellis J**, Schwarz A, Hancock N, Nicholls P, Sorrell B 2007. Mangrove growth in New Zealand estuaries: The role of nutrient enrichment at sites with contrasting rates of sedimentation. *Oecologia*, 153: 633-641.