

QUALIFICATIONS

PhD, University of Tasmania, 2007

MESc, Griffith University, 2001

BSc, Massey University, 1995

PROFESSIONAL AFFILIATIONS

NZ Freshwater Sciences Society

Australian Society for Limnology

North American Benthological Society

University alumni



ROLE AT CAWTHRON

Joanne is a freshwater ecologist within the Coastal and Freshwater resources group and specialises in river ecosystem processes (not just what is there but what it is doing!), as well as the interaction between terrestrial and freshwater environments. Joanne has worked in a range of freshwater environments from small headwater streams in Tasmania to arid billabongs in Queensland and large rivers in New Zealand.

SPECIAL INTERESTS

- Metabolism and organic matter dynamics
- Food web ecology
- The effects of land use on in-stream processes
- Development of novel techniques for assessing river health
- River restoration
- Working with industry to attain high environmental performance

SELECTED PUBLICATIONS

Fellows CS, **Clapcott JE**, Udy JW, Bunn S E, Harch BD, Smith MJ, Davies PM 2006. Benthic metabolism as an indicator of stream ecosystem health. *Hydrobiologia* 572: 71-87.

Udy JW, Fellows CS, Bartkow ME, Bunn SE, **Clapcott JE**, Harch BD 2006. Measures of nutrient processes as indicators of stream ecosystem health. *Hydrobiologia* 572: 89-102.

Clapcott JE, Bunn SE 2003. Can C₄ plants contribute to aquatic food webs of subtropical streams? *Freshwater Biology* 48: 1105-1116.