

Peer-reviewed Publications

2009

Watkinson AJ, Murby EJ, Kolpin DW, Costanzo SD (2009) The occurrence of antibiotics in an urban watershed: From wastewater to drinking water. *Science Of The Total Environment* 407(8):2711–2723

2007

Costanzo SD, Watkinson AJ, Murby EJ, Kolpin DW, Sandstrom MW (2007) Is there a risk associated with the insect repellent DEET (N,N-diethyl-m-toluamide) commonly found in aquatic environments? *Science Of The Total Environment* 384(1-3):214–220

Takahashi E, Yu Q, Eaglesham G, Connell DW, McBroom J, Costanzo SD, Shaw GR (2007) Occurrence and seasonal variations of algal toxins in water, phytoplankton and shellfish from North Stradbroke Island, Queensland, Australia. *Marine Environmental Research* 64(4):429–442

Watkinson AJ, Micalizzi GR, Bates JR, Costanzo SD (2007) Novel method for rapid assessment of antibiotic resistance in *Escherichia coli* isolates from environmental waters by use of a modified chromogenic agar. *Applied And Environmental Microbiology* 73(7):2224–2229

Watkinson AJ, Murby EJ, Costanzo SD (2007) Removal of antibiotics in conventional and advanced wastewater treatment: Implications for environmental discharge and wastewater recycling. *Water Research* 41(18):4164–4176

2005

Costanzo SD, Murby J, Bates J (2005) Ecosystem response to antibiotics entering the aquatic environment. *Marine Pollution Bulletin* 51(1-4):218–223

Costanzo SD, Udy J, Longstaff BJ, Jones AB (2005) Using nitrogen stable isotope ratios ($\delta^{15}\text{N}$) of macroalgae to determine the effectiveness of sewage upgrades: changes in the extent of sewage plumes over four years in Moreton Bay, Australia. *Marine Pollution Bulletin* 51(1-4):212–217

2004

Costanzo SD, O'Donohue MJ, Dennison WC (2004) Assessing the influence and distribution of shrimp pond effluent in a tidal mangrove creek in north-east Australia. *Marine Pollution Bulletin* 48(5-6):514–525

Heil CA, Chaston K, Jones AB, Bird P, Longstaff BJ, Costanzo SD, Dennison WC (2004) Benthic microalgae in coral reef sediments of the southern Great Barrier Reef, Australia. *Coral Reefs* 23(3):336–343

2003

Burford MA, Costanzo SD, Dennison WC, Jackson CJ, Jones AB, McKinnon AD, Preston NP, Trott LA

(2003) A synthesis of dominant ecological processes in intensive shrimp ponds and adjacent coastal environments in NE Australia. *Marine Pollution Bulletin* 46(11):1456–1469

Costanzo SD, O'Donohue MJ, Dennison WC (2003) Assessing the seasonal influence of sewage and agricultural nutrient inputs in a subtropical river estuary. *Estuaries* 26(4A):857–865

2001

Costanzo SD, O'Donohue MJ, Dennison WC, Loneragan NR, Thomas M (2001) A new approach for detecting and mapping sewage impacts. *Marine Pollution Bulletin* 42(2):149–156

2000

Costanzo SD, O'Donohue MJ, Dennison WC (2000) *Gracilaria edulis* (Rhodophyta) as a biological indicator of pulsed nutrients in oligotrophic waters. *Journal of Phycology* 36(4):680–685

Conference Proceedings

2005

Watkinson A, Costanzo SD (2005) Antibiotics as pollutants: do they pose a risk to the environment and recycled water? *Contaminants of Concern. AWA Speciality Conference, Canberra, Australia*

2003

Fisher PMJ, Murby J, Costanzo SD (2003) Evaluating pharmaceutical emissions from dairy farms: A pilot assessment. *Chemicals of Concern in Water. AWA-IWA Conference Proceedings, Sydney Australia*

1999

Dennison WC, O'Neil JM, Jones AB, Costanzo SD, Hewson I, Prange JA (1999) Effect of Hydric Soil Disturbance on Ecological Health of Coastal Waters. *Proceedings of the Australian Acid Sulfate Soils Conference*

Ph.D. Theses

2002

Costanzo SD (2002) Development of Indicators for Assessing and Monitoring Nutrient Influences in Coastal Waters. Ph.D. thesis. University of Queensland, Brisbane, Australia, 148 pp

Bachelor's Theses

1996

Costanzo SD (1996) Marine Macroalgae (Rhodophyta) as a Biological Indicator of Pulsed Nutrients in Oligotrophic Waters. Bachelor's thesis. University of Queensland, Brisbane, Australia

Book Contributions

2007

Costanzo SD, Watkinson AJ (2007) Pharmaceuticals. Occasional Paper 8: Chemicals of Concern in Wastewater Treatment Plant Effluent: State of the Science in Australia. CRC for Water Quality and Treatment

1998

O'Donohue MJH, Heil CA, Lowe S, Horrocks J, Abal EG, Costanzo SD, Dennison WC (1998) Assessing the impact of a flood event on Moreton Bay using marine plants as bioindicators of water quality. In: Tibbets IR, Hall NJ, Dennison WC (eds) Moreton Bay and Catchment. School of Marine Science, The University of Queensland, Brisbane, p 585–596