

IWI AFFILIATIONS

Rongomaiwahine, Ngati
Kahungunu, Ngati Tuwharetoa

QUALIFICATIONS

PhD Environmental Toxicology (Lincoln), 2002

PROFESSIONAL AFFILIATIONS

Member of the Maori Advisory Committee to the Board of the Environmental Protection Agency, Member of the Society of Environmental Toxicology and Chemistry, Member of the Royal Society of New Zealand

ROLE AT CAWTHRON

Build internal capabilities to support sustainable Maori development and cultural aspirations through research.

Develop methodologies to characterise the biological effects and mechanisms of toxicity of contaminants and complex mixtures in the laboratory and in the field.

SPECIAL INTERESTS & ACHIEVEMENTS

The application of biomarker methods in native fish species for contaminant.

Embryotoxicity testing in fish embryos as an early life-stage exposure model

The contribution of science to sustainable development.

SELECTED PUBLICATIONS

Allen, W.; Fenemor, A.; Kilvington, M.; Harmsworth, G.; Young, R.; Deans, N.; Horn, C.; Phillips, C.; Montes de Oca, O.; **Ataria, J.**; Smith, R. (*Submitted*). Building collaboration and learning in integrated catchment management: the importance of social process and multiple engagement approaches. *New Zealand Journal of Marine and Freshwater Research* (Special issue on ICM).

Langer, E.R., Goven, J., Baker, V., **Ataria, J.**, Leckie, A. (*Accepted*) Patterns and dilemmas in community engagement in decision-making on biosolids management in New Zealand. *Journal of Environmental Management*.

Paterson, G., **Ataria, J.M.**, Ehsanul Hoque, M., Burns, D.C., Metcalfe, C.D. (2011). The toxicity of titanium dioxide nanopowder to early life stages of the Japanese medaka (*Oryzias latipes*). *Chemosphere*. 82. 1002-1009.



Ogilvie, S.C., **Ataria, J.**, Waiwai, J., Doherty, J., Miller, A., Ross, J., Eason, C.T. 2010. Vertebrate pesticide risk assessment by indigenous communities in New Zealand. *Integrative Zoology*. 1. 37-43.

Allen W., **Ataria J.M.**, Apgar J.M., Harmsworth, G.R., Tremblay, L.A. 2009. Kia pono te mahi pūtaiao - doing science in the right spirit. *Journal of the Royal Society of New Zealand* 39:4.

Ataria J.M., O'Halloran K., Gooneratne R. 2006. Hepatic and immune biological effect assays in C57BL/6 mice to measure polycyclic aromatic hydrocarbon bioavailability under laboratory exposures with increasing environmental relevance. *ESPR - Environmental Science & Pollution Research*, OnlineFirst <DOI: <http://dx.doi.org/10.1065/espr2006.04.301>> 1-10.

Ogilvie, S.C., **Ataria, J.M.**, Waiwai, J., Doherty, J.E., Lambert, M., Lambert, N., King, D 2006. Uptake and persistence of the vertebrate pesticide, sodium monofluoroacetate (Compound 1080), in plants of cultural importance. *Ecotoxicology* 15 (1). 1-7.

Lyver, P. O'B., **Ataria, J.**, Trought, K., Fisher, P. 2005. Residues in long-fin eels, *Anguilla dieffenbachii*, following exposure to sodium monofluoroacetate (1080) in water and food. *New Zealand Journal of Marine and Freshwater Research* 29. 1243-1252.