

QUALIFICATIONS

BSc (Hons.), Marine Biology, University of Valparaíso, Chile 2002

MSc, Marine Science, University of Auckland, 2006

PhD, Marine Ecology, University College Dublin, 2009

ROLE AT CAWTHRON

Javier is a Marine Ecologist within the Biosecurity team of the Coastal & Freshwater Group. He is involved in a range of coastal management projects, with a recent focus on invasive species. He also contributes to other Cawthron projects on the effects of anthropogenic activities on coastal ecosystems.

SPECIAL INTERESTS & ACHIEVEMENTS

Javier's interests are the ecology of coastal ecosystems - measuring biodiversity, water quality and the consequences of human activities and the invasion of non-indigenous species on these ecosystems. Javier's present research interests are:

- Development of marine pest biocontrol tools.
- Assessment of human impacts on coastal ecosystems.

SELECTED PUBLICATIONS

Peer reviewed

Atalah J and Crowe TP 2010. Combined effects of nutrient enrichment, sedimentation and grazer loss on rock pools assemblages. *Journal of Experimental Marine Biology and Ecology*. 388: 51-57.

Atalah J, Irvine K, Kelly-Quinn M and Crowe TP 2010. Impacts of invasion by *Dreissena polymorpha* on the performance of macroinvertebrate assessment tools for eutrophication pressure in lakes. *Hydrobiologia*. 654: 237-251.

Atalah J, Anderson MJ, Costello MJ 2007. Temporal variability and intensity of grazing: a mesocosm experiment. *Marine Ecology Progress Series*. 341: 15-24.

Atalah J, Otto S, Anderson MJ, Costello MJ, Lenz M, Wahl M 2007. Temporal variance of disturbance did not affect diversity and structure of a marine fouling community in north-eastern New Zealand. *Marine Biology*. 153: 199-211.

Atalah J, Crowe TP (in preparation). Pollution as a driver of biodiversity change in rocky shores: using molluscan assemblages as biomonitoring tool.

Atalah J, Farrell ED, Fitch JE, Choapelet J, Coughlan J, Coscia I (submitted). Impacts of offshore wind farms diversity and functioning of demersal and benthic assemblages. *Proceedings of the Royal Irish Academy*.



Consultancy reports

Atalah J, Penk M 2010. Leixlip Waste Water Treatment Plant (WWTP) – Ecological Monitoring Survey. Prepared for Kildare County Council. 43 pages.

Atalah J 2010. Assessing ecological status of Irish rocky shores using intertidal molluscan assemblages. Prepared for the Irish Heritage Council. 51 pages.

Atalah J 2010. Appropriate assessment Glengad jetty development in County Donegal. EcoServe report prepared for Cavanan Associates. 47 pages

Atalah J, Penk M 2010. Wicklow port access: Final report. Ecoserve report prepared for SM Morris Coffey JV Ltd & ARUP. 65 pages.

Atalah J 2009. Ecological survey of subtidal environments in relation to proposed Bremore port development. EcoServe report prepared for John Spain Associates. 60 pages.

Atalah J, Costello MJ, Nash R 2009. The Government of Copyright of Electronic Biodiversity Data. Prepared for European Commission, FP7 project. 16 pages.

Atalah J, Penk M 2009. Stagrennan polder benthic monitoring survey. Prepared for Drogheda Port Company. 26 pages.

Atalah J 2010. Ringsend WWTP long sea outfall: Dublin bay fisheries review. Report prepared for Natura Environmental Consultants Ltd. 15 pages.

Penk M, Maciejewska M, **Atalah J** 2010. River Blackwater freshwater pearl mussel (*Margaritifera margaritifera*) survey. Report prepared for ARUP Consulting Engineers. 21 pages.