

## Jon Rogers, MARS

Investigation of Estuarine Sediment Dynamics Induced by Large-scale Coastal Development

We are working on an Integrated Estuarine Management System Project to develop an understanding of spatial and temporal sediment deposition and mechanisms within the Geum estuary. My role in the project involves exploring geological and environmental changes in response to rapid land development - I do this by looking at the sediments. We are hoping to provide fundamentally new knowledge to jump forward a real understanding of human-induced consequences on the Geum estuary system. We also hope to publish a few papers summarizing what comes to light.



In this photo we are casting a water pump (over the side of the boat), and filtering water samples on deck, in the Geum Estuary in Korea.