SUMMER VACATION RESEARCH PROJECT

UNCOVERING THE HIDDEN HETEROGENEITY IN SYDNEY’S BOAT MOORING FIELDS

SUPERVISORS | DR LUKE HEDGE, PROF EMMA JOHNSTON

Sydney Harbour is a jewel that sits at the heart of a city of 4.8 million people. We want to know how the Harbour’s boat moorings can alter the seabed.

The mooring fields of Sydney Harbour are extensive. Yet surprisingly we know very little about them. In a large project involving Transport for NSW, the CSIRO and UNSW, we are analysing and mapping a range of different biotic, chemical and physical parameters throughout Sydney’s mooring fields.

We need a vibrant, self starting and independent, student who is keen to make an impression within government. You will work independently using a laser particle size analyzer, and the CSIRO’s UV fluorescence spectroscope to analyze both grain size and chlorophyll concentrations in Sydney Harbour.

You will receive training in both sets of equipment, and the report you generate will feed directly into Transport for NSW’s marine planning policy. This is a great opportunity for emerging Environmental Scientists looking to make an impact.

Contact | Dr Luke Hedge, l.hedge@unsw.edu.au