

## The Coal Loader Platform Partnership - Living Lab Research Officer position

**Position title:** Living Lab Research Officer

**Work type:** HEW Level 5.1 Fixed term, part-time 2 days a week, 12 months (*possibility of extension*).

**Location:** Macquarie University and Coal Loader Platform, Waverton.

*The redevelopment of the Coal Loader Platform at North Sydney will become one of Sydney's largest publicly accessible green roof spaces. A total of 10,000m<sup>2</sup> roof space will be transformed into a green roof to provide a demonstration site for urban agriculture and biodiversity enhancement and will serve as a valuable community space for recreation, entertainment and teaching. This project is locally important and nationally relevant as a best practice example to integrate sustainability into an adaptive reuse site. Measuring the success will require a mix of quantitative and qualitative techniques to document the technical performance of engineered structures, such as roof gardens and stormwater reuse, and how the community uses the site. The collaboration between North Sydney Council and Macquarie University will provide the evidence of the success of this transformation.*

### The Role

We are seeking a candidate to support and foster the new research partnership between North Sydney Council and Macquarie University focusing on the Coal Loader Platform. The candidate is expected to liaise with a variety of stakeholders, including North Sydney Council, industry, universities, school and community groups to support the development of an interactive online portal for the Coal Loader Platform, as well as identify and pursue research opportunities that will investigate the environmental and social benefits of the green roofs, specifically at the Coal Loader Platform.

The candidate will be responsible for integrating concurrent research and innovative processes within this public-private-people partnership, and will be expected to perform the following tasks:

- To undertake a desktop study to identify the different types of online platforms to include research, learning, education and collection of systems data relevant to the site.
- Consult with all stakeholders to co-create the interactive online portal to ensure that it is accessible and functional for users and that all stakeholders will directly benefit from the data collected.
- Work collaboratively with the stakeholders and web-developer to design the portal for the successful integration of the identified functions and ensure that the existing data collections are built within the portal, including all data from monitoring sources, so that the data can be captured, analysed and viewed.
- Identify and pursue research funding opportunities for the partnership between North Sydney Council and Macquarie University.
- Conduct research projects using a variety of sources including literature reviews, stakeholder consultations, data collection and analysis, journals and publications and other relevant literature.
- Prepare papers, articles, progress reports, and presentations for the North Sydney Council / Macquarie University partnership.
- Collect periodic Coal Loader Platform user survey samples.
- Maintain accurate records and ready access to all experimental data to Macquarie University researchers and North Sydney Council.
- Liaise with Coal Loader Centre for Sustainability Coordinator to see how the project can support their site learning programs.
- Other duties and responsibilities may be assigned as the partnership develops.

**Personal requirements**

- Excellent verbal and written communication skills and interpersonal skills.
- Proven ability to manage one's time and projects and the ability to work with others to ensure projects are completed on time.
- Experience with stakeholder consultation.
- Experience in researching and analysing data and the ability to collate the information.
- Experience in funding proposal writing.
- Ability to write for a variety of audiences.
- Experience using computer programs such as Word and Excel is essential
- A tertiary qualification or relevant experience in science or social sciences

**Enquiries:** Leigh Staas, Executive Officer of Climate Futures [leigh.staas@mq.edu.au](mailto:leigh.staas@mq.edu.au)

**Applications Close:** 9<sup>th</sup> Nov 2015. Send your CV's to [leigh.staas@mq.edu.au](mailto:leigh.staas@mq.edu.au)