

ONE BASIN CRC – STUDENT INTERNSHIP PROGRAM

Internship opportunities provided by industry partners

Name of Internship: Catchment risk analysis internship

Internship ID: 22-04

Date posted: Tues 11 October 2022

Application due date: 5pm Mon 31 October 2022

Internship description:

Develop Catchment Risk Analyses aligned with the requirements of the Water Stewardship Standard (the standard). Work with available catchment data and stakeholders to develop draft catchment challenges and indicators.

The role requires analysis of available catchment data, reports and other relevant sources and presentation in a short easy-to-understand format for consideration by stakeholders and action by water-using sites within the relevant catchments. In the Murray Darling Basin, catchments are broken down by sub-region and to the local-level (e.g. council areas and townships) depending on the sphere of risk, influence and impact for relevant stakeholders. The goal is that water-using sites can act on these challenges in site water stewardship plans and collaborate with other stakeholders on shared water challenges and opportunities in the catchment. Once developed, this catchment analysis is available to any relevant sites and stakeholders. WSAP has templates to assist this work and create a standard format across catchments, which the catchment intern(s) will help to review, update and further develop. Depending on internship length and availability, opportunity is available to practice and develop skills in other areas of not-for-profit governance, administration and WSAP operations (secondary to catchment analysis internship above). Training in water stewardship and the water stewardship standard will be provided to all interns.

Type of internship*: Research Practical workplace Short-term project

Preferred academic courses / disciplines: Environmental science, management or engineering (primary), and/or social sciences or communications students with an interest in social and environmental sustainability (secondary).

Type of degree program: Undergraduate Honours Masters

Preferred period of internship: One to twelve months (flexible), starting ASAP/anytime of year.
Availability for placements in January & February.

Full-time, part-time, hours per week: Part-time, 7.6 to 22.8 hours (1-3 days) per week, depending on intern availability and length of internship. Minimum 80 total hours.

Location of internship: Remote – desk based from home/own office

Stipend or financial support: Only for travel and accommodation for regional site visits

Will any aspect be completed off-site/ remotely from the internship location? Potential regional site visits

Technical skills and capabilities preferred: A solid understanding of environmental and/or social sciences. Good research and communication skills.

Employability skills and capabilities preferred: Good research, organisational and communication skills. Able to work autonomously and collaborate with team members and stakeholders (government, industry, First Nations, civil society, academic, etc).

General requirements: Police check and COVID-19 vaccinations preferable but not required.

Specific OH&S requirements: Online induction to interns and ongoing support as required. Home Office assessment consistent with OH&S obligations and regulations. WSAP maintains an appropriate level of insurance cover for volunteers and interns.

Name of CRC industry partner: Water Stewardship Asia Pacific
<https://waterstewardship.org.au/>

Type of CRC industry partner: NRM Consulting Agribusiness
 Technology Water utility Government agency

Description of Organisation: Water Stewardship Asia Pacific (WSAP) is a member-based not for profit organisation that fosters and supports water stewardship in Australia and the Asia Pacific. Water stewardship originated in Australia and has been adopted and applied globally. Water stewardship enables water use by major water users (industrial, agricultural, commercial and institutional) that is socially and culturally equitable, environmentally sustainable and economically beneficial. These outcomes are delivered through the International Water Stewardship Standard. It ensures water stewardship is achieved through socially inclusive processes, by engagement with communities and stakeholders, is culturally appropriate, and delivers positive outcomes at site and catchment scales. We provide a range of services to support businesses to manage water risks and realise the benefits of water stewardship.

The Murray Darling Basin is a high priority for WSAP, with strong engagement already in the Renmark area (incl. 2 certified sites), Goulburn Broken catchment, Toowoomba-Darling Downs region, and other more scattered locations. A key goal for WSAP is increasing uptake of water stewardship in the Basin, supporting businesses to contribute meaningfully to good basin outcomes.

*** Types of internship:**

- **Research internship:** conducting research-related tasks for organisations and/or researchers internal or external to the University. Tasks vary but may include study design, participant recruitment, data collection and analysis and reporting findings. Depending on the research, it may be completed face-to-face or remotely/externally; students may complete a minimum number of hours/days depending on the course, could be from several weeks to months.
- **Practical workplace internship:** undertaking hand-on tasks that enable development of employability skills and application of degree knowledge in a not-for-profit, university, government, non-government organisation or industry. The internship is likely to be face-to-face, but depending on the nature of the tasks and the student's study area, there may be scope for some remote/external work; students complete a minimum number of hours/days depending on the course, could be from several weeks to months.
- **Short-term project:** where interns complete a set project that has agreed desired outcomes and deliverables. Depending on the project, it may be completed face-to-face or virtually/remotely/externally; students complete a minimum number of hours/days depending on the course, could e.g. be a 100 hrs.)