

SKILLS PATHWAYS NSW

STARTING

[School - Water Education Resources](#)

[Council - Water Career Resources](#)

[Careers at Council - Jobs in NSW](#)

[Careers in Water - Jobs in NSW](#)

DEVELOPING

Specialist vocational units in treatment, networks, irrigation, catchments and dams and more

Micro-credentials and industry-recognised Cards with peak bodies

Graduate and mentoring programs with industry bodies and universities

Post graduate qualifications in specialist subjects, (Masters, PhD programs)

LEADING

Vocational qualifications at leadership levels in Water, Project Management

Management (Cert IV & Diploma)

Leadership programs with industry research organisations and industry bodies

Participation or positions on government, industry, and community reference groups & Advisory Councils, and Boards

CAREERS IN WATER

OCCUPATIONS WITH
TRANSFERABLE SKILLS

Plumbers Electricians

Fitters

Scientists

Irrigation Specialists

**Sustainability and
Climate Specialists**

**Project Management
Roles**

Engineering Roles

VOCATIONAL TRAINING

- Water Industry Operations (Cert II, III, IV, Diploma)
- Specialisations – Catchments and Dams, Civil Construction, Irrigation, Networks, Wastewater, Water treatment, Trade Waste, Hydrometric Monitoring, Asset Management, Control Centre Operations, and Hydrographic Survey
- Leadership and Management (Cert IV, Diploma)

HIGHER EDUCATION

- Engineering (Associates, Bachelor, Master's degrees)
- Science (Bachelor, Master's degrees)
- Environmental Management (Bachelor, Master's degrees)
- Environmental and Conservation Science (Bachelor, Master's degrees)
- Water Resource Management (Specialty subjects, post-graduate qualifications)
- Integrated Water Management (Specialty subjects, post-graduate qualifications)
- Urban Water Engineering (Specialty subjects, post-graduate qualifications)
- Water Supply, Sanitation and Hygiene (Specialty subjects, post-graduate qualifications)

[Find an education provider](#)

SHORT COURSE AND MICRO-CREDENTIAL PROVIDERS

- [NSW Water Directorate](#)
- [Australian Water School](#)
- [Engineers Australia](#)
- [Institute of Public Works Australasia \(NSW/ACT\)](#)
- [IWES](#)
- [National Centre for Groundwater Research + Training](#)
- [University of New South Wales](#)
- [University of Sydney](#)
- [Water Industry Operators Association of Australia \(WIOA\) Practical Guides](#)

GRADUATE, MENTORING & DEVELOPMENT PROGRAMS

- [Australian Water Association](#)
- International Development
- Mentoring program
- Graduate Program - Water with Engineers Australia
- Young Water Professional Leadership Program with International Water Centre
- [Water Industry Operators Association of Australia](#)
- Operator Placement Program
- Step-in Program
- [Water Research Australia](#)
- Research Leadership Program