

## Hydrologist/Flood modeller | Christchurch

Join an established and highly respected environmental and engineering consultancy with a nationwide presence. Driven by solving the important infrastructure and environmental challenges facing NZ, we are growing and invite you to be part of our future. Our business prides itself on our people-focused culture, our fun workplace, and our creative thinking and sound advice.

This is an opportunity to contribute and work with industry leading hydrologists, flood modellers and river engineers. You might have a skillset in one of those areas (hydrology, flood modelling and/or river engineering) and be looking for more diversity and new challenges. The role will provide you with the opportunity to continue to develop your career and to work on a varied range of interesting and challenging projects for private and public sector clients.

### The Role

- Conduct hydraulic/flood modelling studies for river systems and catchments.
- Conduct hydrological investigations including baseline hydrology studies, hydrological assessments for hydro-electric, irrigation and public water supplies.
- Assist with a wide range of river engineering related tasks such as rock rip-rap revetment design, stream channel design and the analyses of complex spatial data sets (conventional cross-section survey and LiDAR).
- Conduct fieldwork including surface water monitoring (business travel might be required);
- Opportunity to assist with the development of python scripts and modules; and
- Write technical reports and contribute to proposals;

### You will need

- Bachelor's or Master's degree from a well-recognised university in Environmental engineering, Earth Sciences, geography, Environmental Science or similar;
- 3 years plus of post-graduate experience, ideally including at least 2 years of experience in flood modelling, hydrology and/or river engineering;
- Knowledge of hydrological and water resource principles;
- Excellent computer skills ideally in relevant hydrological and hydraulic models such as Tuflow, HEC-RAS and HEC-HMS. Knowledge of GIS systems;
- Creative thinking to find innovative and sound solutions for our clients;

### About Us

PDP is a leading environmental and engineering consultancy offering solutions for environmental issues through our specialised range of services. Working on a wide variety of projects ranging from major infrastructure projects through to investigations on the natural environment, we aim to cover the entire range of environmental services required by our clients, in air, land and water.

We are a NZ, employee owned and operated company, with 35 years' experience in providing environmental solutions throughout New Zealand, Australia and in the Pacific Islands. Our team of over 200 specialists are located in Auckland, Hamilton, Tauranga, Wellington, Christchurch and Invercargill.

PDP has a strong culture of work/life balance, focus on wellness and health and safety. We offer competitive remuneration and a great range of benefits including medical insurance and income protection. Along with a supportive team of dedicated professionals to work with, you will have the opportunity to advance your career in a growing company that provides itself on being the best in class.