

COASTAL MODELLER

Due to strong organic growth, we are seeking a coastal modeller to join our team. This would be based in our Brisbane Office, Australia.

About JBP and the JBA Group

We are experts in natural disasters, dedicated to working on the world's extreme weather-related problems. Our coastal team works throughout the coastal zone, supporting disaster risk reduction studies and engineering projects for communities living on the coast. We use advanced modelling and climate data to understand coastal hazards, impacts and forces now and in the future.

JBP are the Australia-Pacific arm of the international, employee-owned JBA Group. Our coastal team works alongside our offices in Singapore, Cambodia and Europe, and pride ourselves in our internal research and development, the support we give to local universities (<https://jbPacific.com.au/research/>) and internationally through the JBA Trust (<https://www.jbatrust.org/>).

We're a forward-thinking, people-centric organisation that recognises the importance of working as one team towards a common goal. As a successful and growing employee-owned business, we recognise and reward the contributions of our people and provide real opportunities and pathways for career progression. All company ownership remains with our employees, with profits shared back through an employee ownership trust.

Sustainability is integral to our long-term success. It's a core aim of JBP (and JBA) to have a positive impact on our colleagues, clients, suppliers, and the local communities and environments in which we work. We're committed to applying a principles-based approach to business, incorporating The Ten Principles of the UN Global Compact, and actively contributing to the UN Sustainable Development Goals (SDGs). To help us achieve these aims, we champion sustainability within all our operations and client services. We effectively promote sustainability in all our practices, operations, and business planning.

As a business, we're probably more aware than most of the impacts of sea level rise, land use change, habitat loss, soil and water degradation, and climate change. We recognise that we're in a climate and ecological emergency and are committed to taking meaningful action to minimise the environmental impacts of our operations and activities. This shapes our company focus on extreme weather and natural disasters.

About the Role

We are looking for an experienced coastal modeller to join our team. Unlike other annual roles at JBP, this position is not a graduate position. We require over three years of demonstrated experience in either wave modelling, hydrodynamic (tidal/surges/cyclone) modelling, or sediment dynamics.

You would join a team to work on national-scale to coastline-specific coastal processes assessments, hazard studies, coastal zone management plans, engineering assessments, dredge studies, beach nourishment designs, erosion assessments, coastal inundation/storm tide modelling and mapping, and coastal recession assessments.

To apply

For an informal discussion about this position, please contact Daniel Rodger on 0420 644 348.

To apply for the position, send an email to info@jbpcific.com.au, with the subject heading "application for coastal position". Please include:

- A cover letter describing your 3+ years of coastal modelling experience. Please include any modelling experience (e.g. SWAN, Delft3D, MIKE SW/BW, XBEACH etc).
- A CV describing your 3+ years of work experience
- **An Australian work VISA is a mandatory requirement.**

We do not accept any applications from recruitment agents. Individuals can apply directly.

We foster an environment in which everyone at JB Pacific feels respected and comfortable bringing their authentic selves to achieve their best at work. JBPacific is proud to contribute to the increasing diversity of the Australian workforce. Supporting equity and diversity means supporting opportunities for all candidates to find suitable employment. As an inclusive recruiter and employer, we recognise individual differences, embrace individual strengths and look for opportunities for everyone to achieve their full potential. Our recruitment upholds the principles of merit and equity, and we welcome Aboriginal and Torres Strait Islander Peoples, women, people with disability, people from diverse cultural backgrounds, LGBTQI+ and mature age workers.