

Use your data and problem-solving skills to help us shift the dial on climate change

Job title: Junior Environmental Scientist / Climate Analyst

Reports to: Lead - Major Projects

Employment type: Full-time (40 hours per week)

Position based in: Sydney

XDI provides physical climate risk analysis to business, government, and financial institutions world-wide. Our quantitative analysis helps organisations make informed decisions regarding climate impacts to their operations and infrastructure and enables them to plan adaptation actions. XDI works with sister companies Climate Risk and Climate Valuation to deliver these services.

We're seeking a Junior Environmental Scientist / Climate Analyst to support our project team in Sydney. This role is aimed at both recent graduates or those with 2-3 years experience.

At XDI, you'll have the opportunity to build a career as unique as you are, with support, an inclusive culture, and leading technologies. In return, we hope your unique perspective will help XDI become even better too.

THE OPPORTUNITY

Junior Environmental Scientist / Climate Analyst

Have you got a Science or Engineering degree and an interest in climate change and how it impacts infrastructure, assets, and people? Our analysts have backgrounds in environmental science, marine biology, maths, computer science, and earth sciences. We believe that the right attitude, interests, and motivation are as important as your degree.

The right person will need a keen interest in data and problem solving, and a passion for our mission to shift the dial on climate change. We seek people who relish complexity and can work autonomously.

You will report to the Lead – Major Projects and be principally working with project managers, other analysts, and science teams to deliver projects. Much of your work will focus on analysing and reporting on data to quantify the impacts of climate change for our clients.

The Role

- Collaborate with Project Managers, Data Analysts and Data Scientists to prepare climate risk analysis outputs for clients from Government, the finance industry and private sector.
- Working within the technology (XDI Platform) to develop reports, slide decks and visualisations that enable easy interpretation of data and results to support client needs.
- To develop and maintain long term relationships with colleagues to help ensure client delivery is both efficient and enjoyable.
- Bring strong analysis capabilities to the role to increase the effectiveness of the team.

Key responsibilities

- Investigate and analyse complex data sets to produce insights and reports.
- Develop reports, slide decks and visualisations to support client needs to enable easy interpretation of data and results.
- Communicate data issues and analysis results clearly.
- Develop and maintain a strong technical understanding of our data models and support data implementation into our technical platforms.
- Contribute to the implementation of large-scale data and analytics solutions for clients.
- Build and maintain strong and trusting relationships with internal and external stakeholders.
- Be part of a culture that focusses on delivering excellence for our clients and work with an amazing team of people with access to cutting edge technologies

Essential skills qualifications and attributes

- Tertiary degree in STEM - environmental science, engineering, climate science, biology, physical geography and /or maths
- High proficiency in Excel and demonstrated experience in PowerPoint
- Ability to communicate effectively (written and oral)
- Ability to work autonomously and to deliver on time
- Strong relationship building skills
- Solutions orientated and creative problem solver
- Must have the right to work in Australia
- Skills that are desirable but not required
- Experience with GIS
- Experience in Python or similar language coding

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To apply

BEFORE Friday 10 December 2021 - Please submit your resume (no more than 3 pages) and cover letter to Carla.wilson@xdi.systems explaining why you think this is the job for you and addressing the following questions (max 100 words per question):

1. What is your experience in working with databases and Excel? Why are you interested in data?
2. Explain your interest in working with XDI and in the area of climate change.
3. What are the most important things that you need from a job to feel satisfied and fulfilled?