

My Story



BUSINESS AREA: GIS JOURNEY

Meet...

Rhiannan Mundana

Geography was always a keen interest of mine growing up - I loved the way data could be used to explain how and why the world works around us.

I started university not knowing exactly where I wanted to go, so I decided to follow my passions and study a broad range of subjects, including geology, spatial sciences and geography.

Through university I actively sought and took up opportunities that presented themselves to me, including being part of two research team on-board research voyages (CSIRO's RV Investigator) and applying for summer research programs.

Through these experiences I recognised that I loved the spatial sciences, so after completing my Honours degree I worked for CSIRO on a short-term contract as a GIS Analyst. After this position I worked at Spatial Vision as a graduate Geospatial Analyst before being transitioned into a full-time Geospatial Analyst role after six months. Two years after this I was promoted to a Senior Geospatial Analyst at Spatial Vision, which is where I am currently.

"The experiences and challenges that come with being a Geospatial Analyst ensure there's never a dull day, and provide me with a sense of accomplishment by contributing to society and making a real difference."

Rhiannan Mundana
June, 2022

Favourite projects I've worked on are those supporting local governments to prepare for the impacts of climate change and extreme weather events. A first pass asset vulnerability assessment identifies which of their assets (roads, buildings and drains) are most at risk from heatwaves, intense rainfall, flooding and so on.

I also conducted a case study on the impacts of heatwaves on the more vulnerable populations in the community (e.g. the elderly, the young, those who require assistance, etc.). This project identified where these populations were distributed across the focus area, and considered factors that increase their vulnerability to climate change, such as the distance and access to public transport.



Job Title

Senior Geospatial Analyst

Role

Geospatial analysis and consultation, with a focus on climate change and extreme weather.

Qualifications

Bachelor of Science with Honours (double majors in Geology and Spatial Sciences and minor-equivalent in Geography)

Tools of the Trade

ArcGIS (software used to analyse spatial data and make maps); Python (coding language used to automate analysis processes).

Email

Rhiannan.mundana@spatialvision.com.au