

PROJECT DETAILS

Project Title:

Map My Food Atlas: Mapping Food Purchase Locations, Delivery Service Usage, and Diet Outcomes through Public Participation GIS

Project Summary: aims, significance, expected outcomes and potential research impact.

This project seeks to investigate the geographical patterns of food purchase locations and food delivery service usage, to understand their relationship with dietary habits and health outcomes. Using Public Participation Geographic Information System (PPGIS) methodologies, this research will engage with communities to collect spatial data on food purchasing locations and behaviors and analyse the socio-economic and environmental factors influencing these patterns. The project will provide critical insights into how the community food environment and the use of online food delivery services can affect nutritional choices and identify potential areas for intervention to promote healthier eating habits and dietary health.

Preferred applicant skill set, describe the capabilities of the HDR applicant:

We are looking for a self-motivated PhD candidate with:

- A master's degree in Geography, Environmental Sciences, Public Health, Health Promotion, Nutrition, Urban Studies, or a related field.
- Demonstrated research skills and experience in quantitative research methods and analyses.
- Proficiency in GIS software and spatial and statistical analysis tools.
- Previous use of PPGIS would be beneficial but is not essential.
- Excellent written and verbal communication skills to disseminate research findings.
- A keen interest in nutrition, food systems, public health, and community engagement.

Contact person for the project:

Name:	A/Prof Paula Hooper	Contact number:	+614 49 614 255
Email:	p.hooper@ecu.edu.au		