

# LUCY DUNSHEA

## MSC GEOGRAPHY STUDENT

+4536609790

LUCYDUNSHEA6@GMAIL.COM

MARIENDALSVEJ 57D, FREDERIKSBERG 2000, COPENHAGEN

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Dear Hiring Manager,

I am excited to apply for the Graduate Consultant – Hydrologist position in your Wellington office. As a postgraduate MSc Geography student at the University of Canterbury, my technical skills, passion for sustainability, and experience addressing hydrological challenges align closely with SLR Consulting's mission to make sustainability happen. From a young age, I have been drawn to understanding and protecting New Zealand's natural environment. I have carried this passion through my academic journey, which has inspired my dedication to understanding the design of hydrological systems in a changing climate.

During my studies, I undertook two major projects which focused on understanding urban environments and making sustainability-driven recommendations to meet residents' needs. My responsibilities included engaging with stakeholders, conducting climate risk analyses, report writing, and managing data through GIS and Python. These experiences honed my ability to collaborate effectively while delivering practical, data-informed insights. I am eager to bring these skills to SLR's consulting environment.

My thesis focuses on sustainable responses to sea level rise in New Zealand's urban coastal environments, with a focus on adapting transport and water infrastructure. I am investigating how geospatial tools can assess flooding impacts and support community adaptation strategies. This research reflects my dedication to applying innovative, evidence-based approaches to hydrology. Additionally, my studies in Christchurch and Copenhagen have included extensive fieldwork, enhancing my ability to integrate physical processes into my work.

Studying abroad in Copenhagen has been a transformative experience, including collaboration with professionals in geography, urban planning, and landscape architecture. Denmark's innovative approach to climate adaptation, particularly nature-based flood resilience solutions, inspired me to explore creative strategies for addressing similar challenges in New Zealand. This aligns with SLR's forward-thinking approach to environmental consultancy.

What excites me most about this position is SLR's commitment to fostering a supportive, inclusive culture and delivering meaningful, client-centred solutions. I admire the One Team Culture and values of trust, collaboration, and technical excellence that underpin your work. I am eager to bring my curiosity and skills to your Hydrology team, contributing to impactful surface water projects while growing as a professional.

Thank you for considering my application. I would welcome the chance to discuss how my experiences and skills align with the role and contribute to SLR's vision.

Best regards,  
Lucy Dunshea