Research@Geography@Otago

Physical Geography:

- Physical climatology
- · Glacier behaviour and climate change
- Alpine and Antarctic geomorphology
- Coastal geomorphology and coastal processes
- · Biogeography and climate change impacts
- Hydrology of alpine and polar regions

Human Geography:

- · Children and young people
- · The construction of gender
- · Cultural health and wellbeing
- Sustainable rural communities
- Urban settlements
- · Community-based development

Planning:

- · Management of urban form
- · Treaty and cultural issues in planning
- · Planning for the natural environment
- Sustainable transport and energy systems
- Processes of landscape transformation
- Indigenous peoples' resource management

Environmental Management:

- · The human impacts on soil
- Coastal management and coastal hazards
- · Local knowledge and environmental management
- Environmental impact assessment
- Vegetation and landscape systems

Contacts otago.ac.nz/geography

Postgraduate enquiries:

geography@otago.ac.nz

Information about postgraduate study:

otago.ac.nz/postgraduate

International Office:

otago.ac.nz/international

Research Clusters and Centres:

Centre for Sustainability otago.ac.nz/centre-sustainability

Children's Issues Centre otago.ac.nz/cic

Otago Energy Research Centre otago.ac.nz/oerc

Dunes@Otago Research Group otago.ac.nz/dunes

Mountain Research Centre https://www.otago.ac.nz/surveying/potree/pub/mrc/

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Te Ihowhenua

Research update no. 01/2022



Long-term monitoring of mountain meteorology at Brewster Glacier



Abrahim, B. N., Cullen, N. J., & Conway, J. P. (2022). A decade of surface meteorology and radiation fluxes at Brewster Glacier in the Southern Alps of New Zealand. International Journal of Climatology, 42(3), 1612–1631. https://doi.org/10.1002/joc.7323

Pre-schoolers' vision for liveable cities



Ergler, C., Freeman, C & T, Guiney (2022): Pre-schoolers' vision for liveable cities: creating 'care-full' urban environments. Tijdschrift voor economische en sociale geografie 113 (2), 131-150. https://doi.org/10.1111/tesg.12461

Council's and community's technology readiness influences e-participation

a) Total posts b) Passive posts c) Active posts TOVER FIDAL LARGE SHARKER COVER COVER ARRAY ASK

Otago Regional Council word clouds



Alam, A., Meenar, M., Barraza, F., Khalil, M. B., & Knopp, K. (2022). Citizen engagement on local government Facebook pages: Experience from Aotearoa New Zealand. Cities, 123. https://doi.org/10.1016/j.cities.2022.103584

Asbestos in Christchurch's water supply



Mager, S., Knopick, M., Oddy, G. (2022). The concentration and prevalence of asbestos fibres in Christchurch, New Zealand's drinking water supply. Water Supply. Advance online publication. https://doi.org/10.2166/ws.2022.108

Wave transformation on shore platforms



Krier-Mariani, R.L., Stephenson, W.J., Wakes, S.J. and Dickson, M.E., 2022. Perspectives on wave transformation over a near-horizontal shore platform: Comparison of a two-dimensional and transect approach. Geomorphology, 405, 108200. https://doi.org/10.1016/j.geomorph.2022.108200

Impact of Covid on children and families



Freeman, C., Ergler, C., Kearns, R. and Smith, M., 2021. Covid-19 in New Zealand and the Pacific: implications for children and families. Children's Geographies. https://doi.org/10.1080/14733285.2021.1907312