

SEMINAR ANNOUNCEMENT



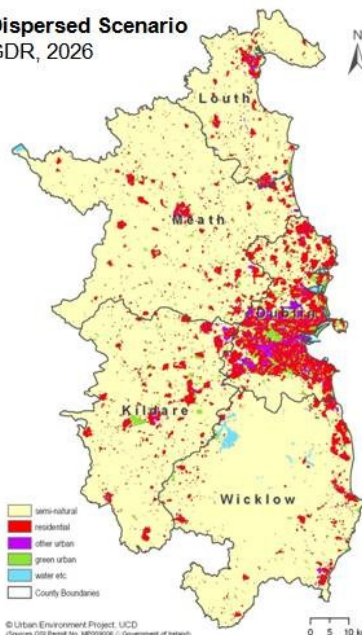
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University College Dublin, Urban Institute Ireland

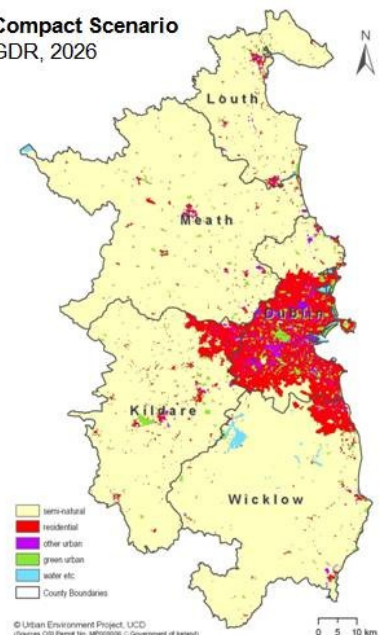
A Decision Support Tool for Managing Urban Environments: Application of the MOLAND Model in Ireland

The urban fabric of the Greater Dublin Region has expanded rapidly over the past 20 years. Dublin sprawl was recognized as a “worst case scenario for urban planning” by the European Environment Agency. The Urban Environment Project at University College Dublin developed a spatial decision support tool (DST) to better understand the link between development, land use change and associated economic and environmental impacts within the region. The core of the project was the MOLAND DST, which uses socio-economic information and spatial data on zoning, suitability, accessibility and land use to quantify the environmental impacts of different policies and to explore a range of “what-if” scenarios. The model was used to simulate different scenarios of possible future settlement patterns for the Greater Dublin Region. These scenarios were then evaluated in terms of several indicators and the results discussed with regional authorities. A brief description of the DST, calibration, scenarios and some examples of its practical applications in Ireland will be presented.

Dispersed Scenario
GDR, 2026

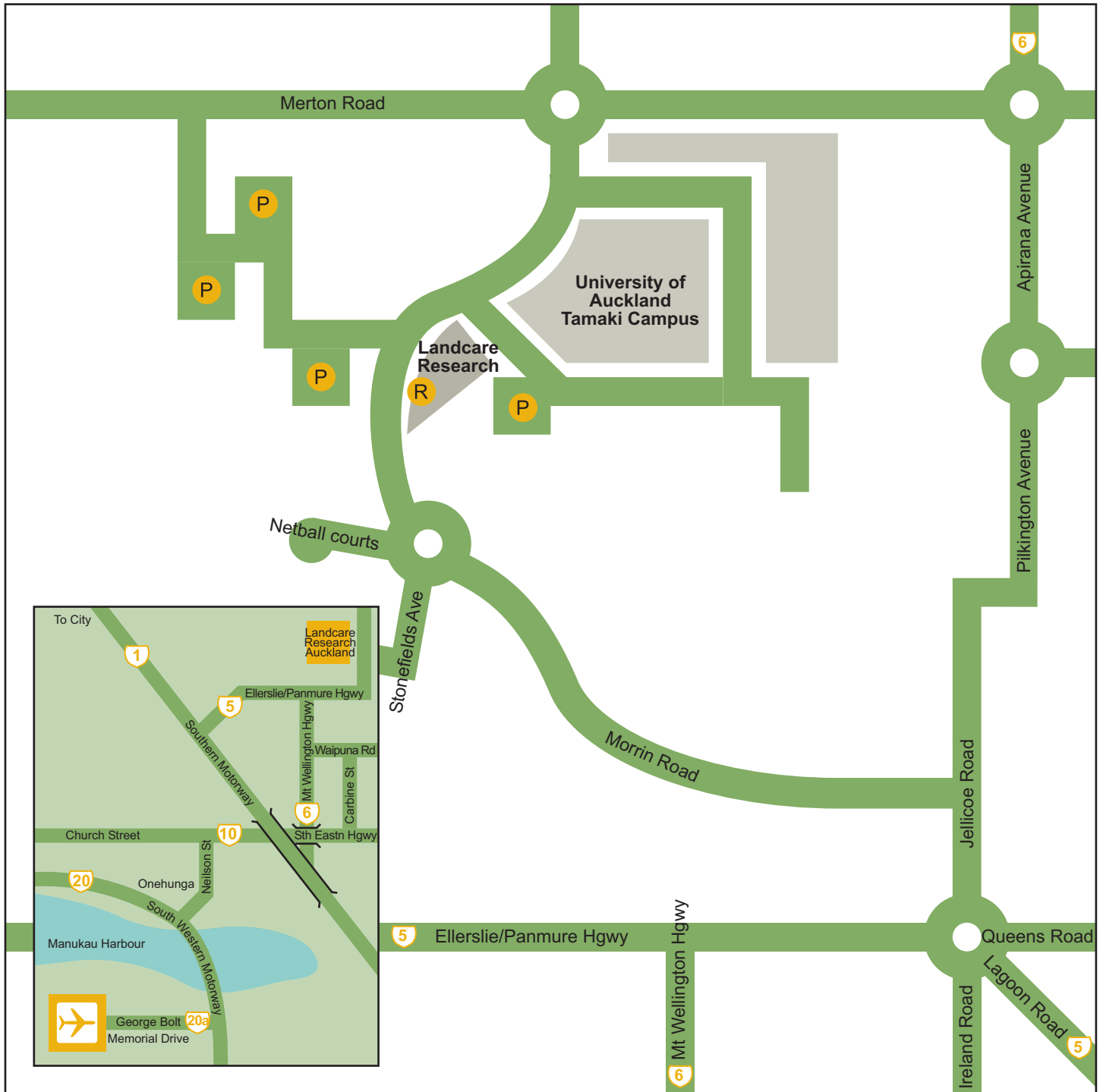


Compact Scenario
GDR, 2026



Date: Friday, 10 December
Time: 3:00 – 4:00 pm
Location: Manaaki Whenua Landcare Research
231 Morrin Road, St Johns (adjacent to UoA’s Tamaki Campus)
RSVP: By Thursday, 9 December to Fraser Morgan
(morganf@landcareresearch.co.nz) or 574-4149

Landcare Research Auckland/Tamaki






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Travel time from airport = 30-45mins
Travel time from city centre = 20-30mins
Travel time from Hamilton = 1.5-2 hours

- Parking 
- Reception 
- Auckland International Airport 
- State Highway 