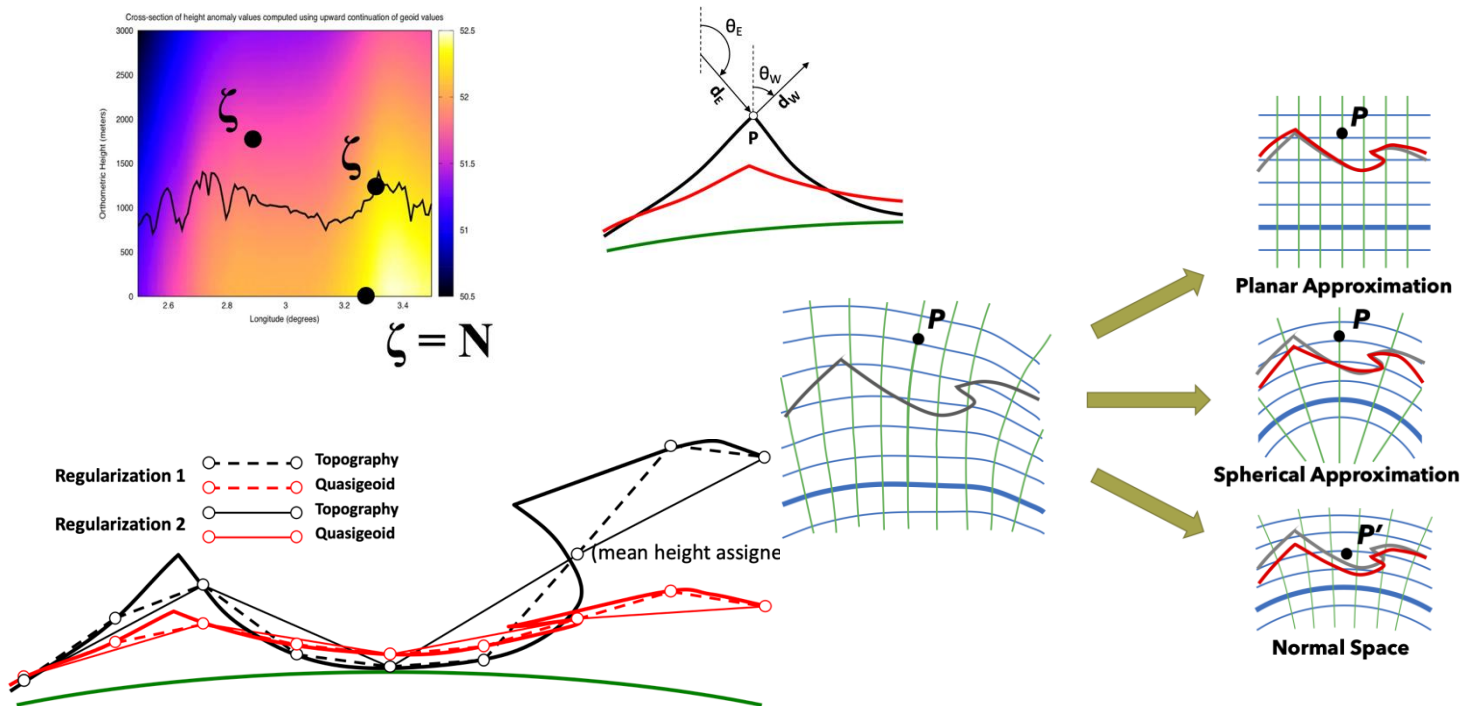


# Te Kura Kairūri School of Surveying Lunchtime Seminar Series



## Peaks and Folds: UNB and the Quasigeoid Debate



Robbie Kingdon, University of New Brunswick

Since Molodenskii's normal height system became prominent in the 1960s, it has been in persistent tension with the older orthometric height system. These systems use fundamentally different concepts of "height" and the choice between them is driven not only by science but by history, values, and logistics. The Geodesy Research Group at the University of New Brunswick has been one of the most active participants in the debate, specifically focused on use of a geoid vs. quasigeoid as a height reference surface, and I am here to update you on current developments.

Thursday 25<sup>th</sup> September 2025 (12pm – 1pm)

L1 Lecture Theatre | School of Surveying, 310 Castle Street

OR Join remotely: <https://otago.zoom.us/> (ID: 979 1434 6880, P/W: 310310)