

Jorge León

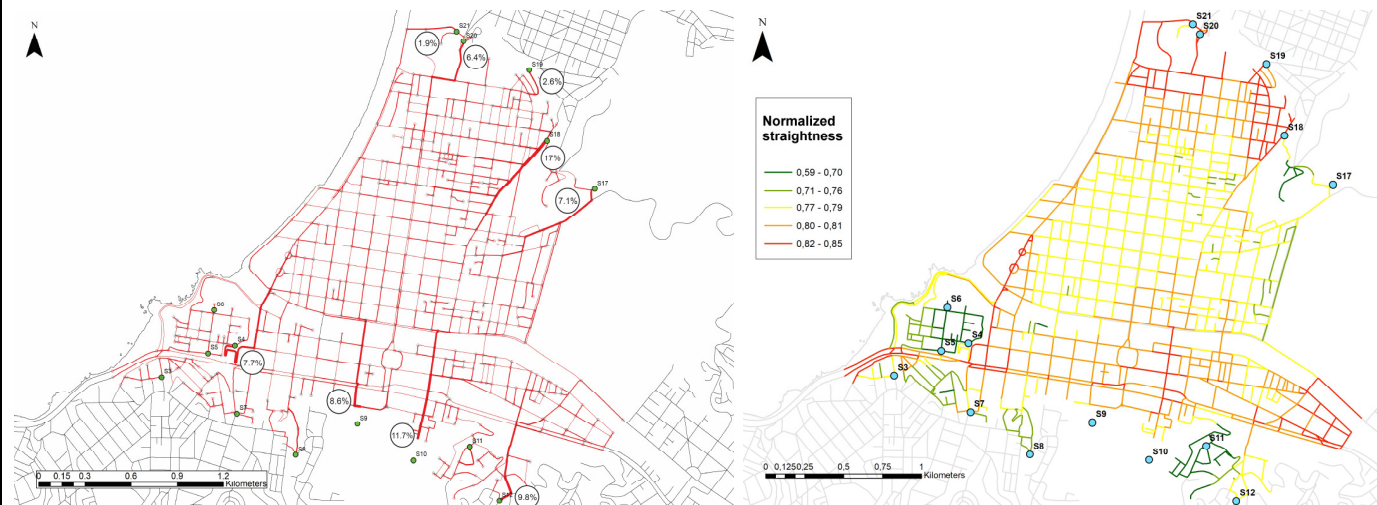


- Doctor of Philosophy (PhD) in Architecture and Planning, Melbourne School of Design, University of Melbourne, Australia.
- Bachelor of Architecture, Department of Architecture, Federico Santa María Technical University, Valparaíso, Chile.
- **Research interest:** The role of urban forms (at a range of scales of analysis) in supporting populations' responses during rapid onset emergencies such as earthquakes, tsunamis and wildfires.

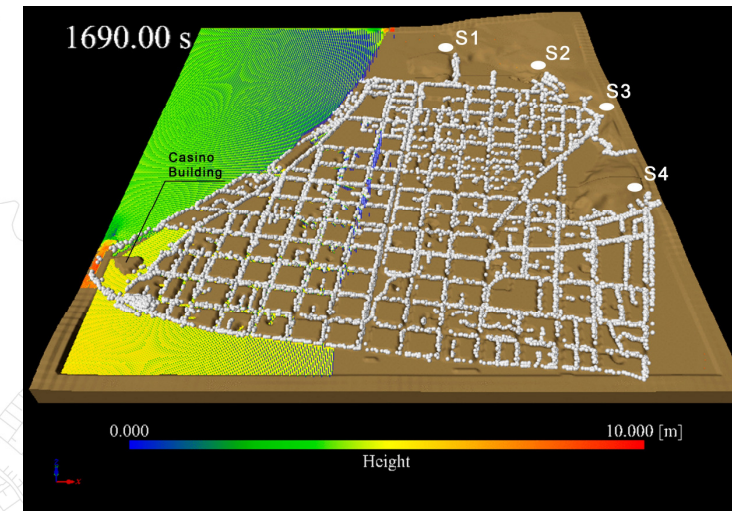


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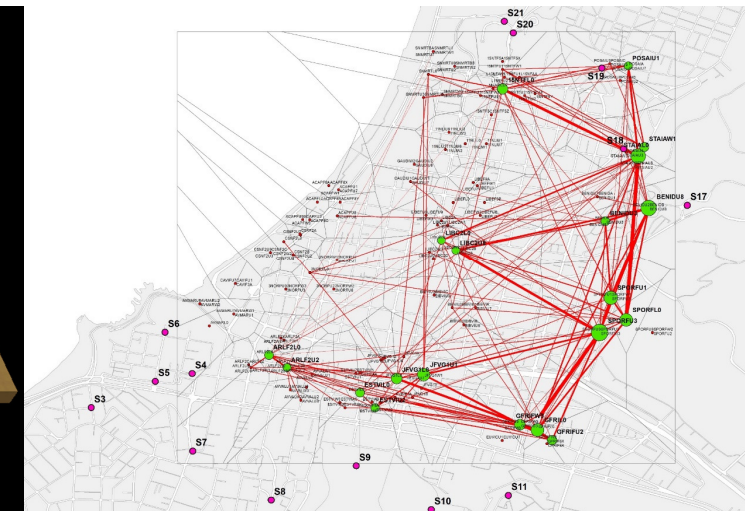
Urban configuration model: system of linked spatial elements (streets, squares, parks, etc.) through which people move



Agent-based + tsunami flood model

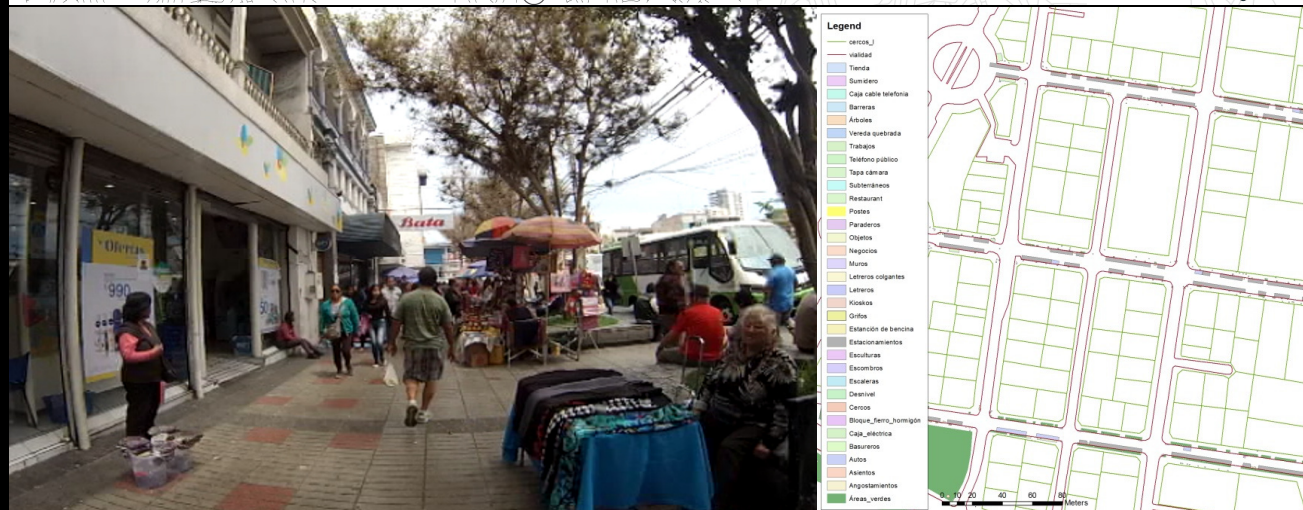


Real evacuation behavior analysis through call detail records (CDR)



Macro-scale of analysis

Micro-scale of analysis



Evacuees' spatial experience along escape routes / classification of routes according to their suitability for evacuation

Community-based knowledge