

## Quicker Safer Tsunami Hīkoi

Practice your tsunami evacuation route with a Tsunami Hīkoi and help to gather data for the *Quicker Safer Tsunami Evacuation Project*.

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In Aotearoa New Zealand, over 430,000 of us live in tsunami evacuation zones, and many more spend part of our time visiting places inside the zones for work, culture and play. Our coastal areas and communities are exposed to tsunami; thus, we need to understand the evacuation processes and the best ways to evacuate large populations when the need arises.

### What is the project about?

Our project seeks to understand tsunami evacuation behaviour in Aotearoa New Zealand by combining computational modelling techniques and understanding local contexts and knowledge. We will develop tools to model large-scale tsunami evacuation behaviour, and subsequently provide information that will be helpful for mass evacuation planning.

### How you can help

To ensure that the modelling represents the actual environment and people as realistically as possible, we want to improve the model by incorporating data informed by citizens. Citizen-contributed data gathered through performing evacuation drills using GPS-enabled devices will help our modelling.

### Data management and ethics

**Data management:** *We will access your GPS data through the permissions you provide using your STRAVA app. Only the project team will have direct access to the data and the recording, and only for the specific walk that you have tagged us in.*

*This project has been evaluated by peer review through the Joint Centre for Disaster Research at Massey University and judged to be low risk (Project number: 4000025482). Consequently, it has not been reviewed by one of the University's Human Ethics Committees. The researcher(s) named in this document are responsible for the ethical conduct of this research.*

*If you have any concerns about the conduct of this research that you want to raise with someone other than the researcher(s), please contact Prof Craig Johnson, Director - Ethics, telephone 06 356 9099 ext. 85271, email [humanethics@massey.ac.nz](mailto:humanethics@massey.ac.nz)*

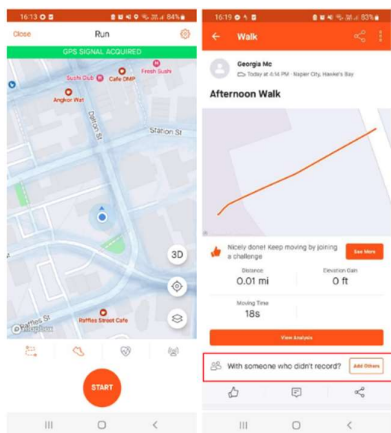
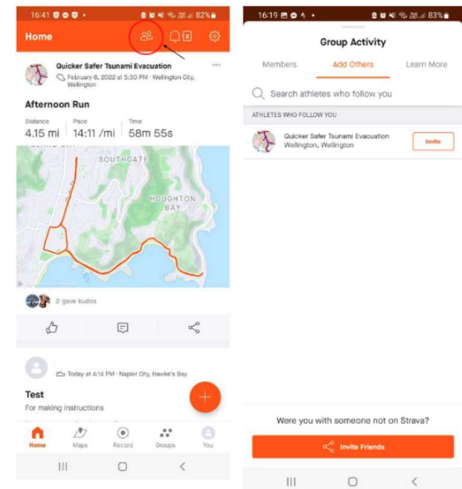
## New to STRAVA?

STAVA is free and can be found in your app store, the following instructions should help you navigate setting up, adding *Quicker Safer Tsunami Evacuation*, recording, and tagging us in your Hīkoi.



Strava: Run, Ride, Hike  
Strava Inc.  
In-app purchases

- Download the app and sign up.
  - A prompt might appear asking for you to start a free trial to get extra features, just tap anywhere else on the screen to ignore these prompts, as the base app is free.
- Tap 'add others' and search for 'Quicker Safer Tsunami Evacuation'.
- Tap 'invite' and we will add you back as soon as we can. Both accounts must be following each other in order to tag each other.
- Allow location services, select 'record', and select 'walk', to record your Hīkoi.



- Tap 'START' and begin your Hīkoi! Once you're done, name the activity "tsunami hīkoi", add any details you like about the experience, you can even add a photo, and save.
- Finally go back into your saved walk and tap 'add others' and add *Quicker Safer Tsunami Evacuation*, and you're done! By adding us to this activity, you have given consent for us to collect the GPX data from this specific walk, and use only for the purposes of this study.

**THANK YOU!**