## **Opening Karakia**

Whakataka te hau ki te uru

Whakataka te hau ki te tonga

Kia mākinakina ki uta

Kia mātaratara ki tai

E hī ake ana te atākura

He tio, he huka, he hauhū

Tihei **mauri ora!** 

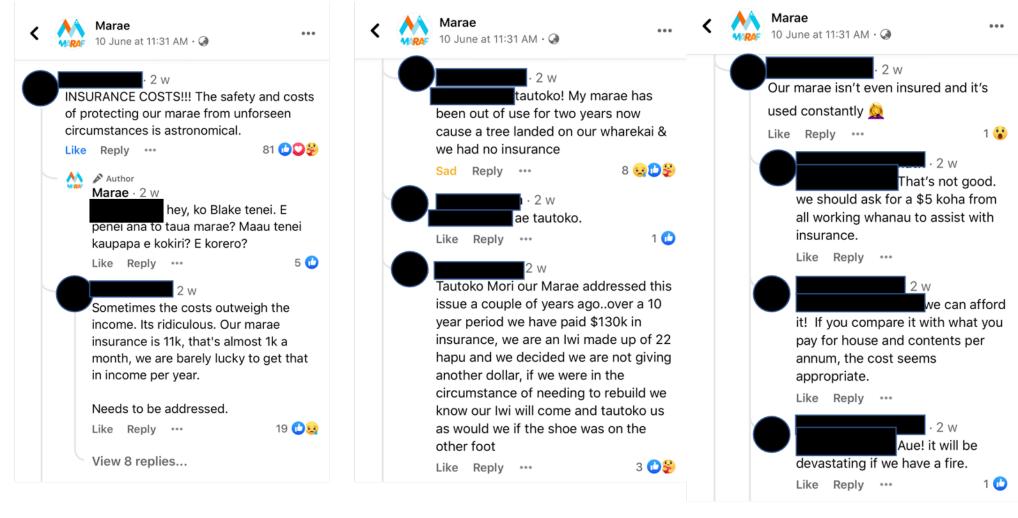


# Sally Owen

Research update to EQC 4 August 2021

Image: Ngāi Tūpoto Marae and Church, Motukaraka, 2018 (Owen)

### Marae Rīanga – anecdotes



### Doctoral kaupapa

- Aotearoa New Zealand economic history:
  - public interventions
  - tūraru
  - community resilience
- Data science for mana motuhake
  - DigitalNZ project
  - Indigenous data sovereignty



#### Doctoral whakaaro so far

- How has the lack of public support for marae risk sharing impacted resilience? Can we estimate, roughly, the replacement costs which would have been socialized?
  - What types of tino rangatiratanga systems have been created in response? How do these compare? How do Civil Defence Centre responsibilities play in?
- How do whare on customary Māori land fare when compared to general title homes in our disaster risk systems?



## **Closing Karakia**

Tūtawa mai i runga

Tūtawa mai i raro

Tūtawa mai i roto

Tūtawa mai i waho

Kia tau ai

Te mauri tū, te mauri ora

Ki te katoa

Haumi e, hui e, **tāiki e** 

