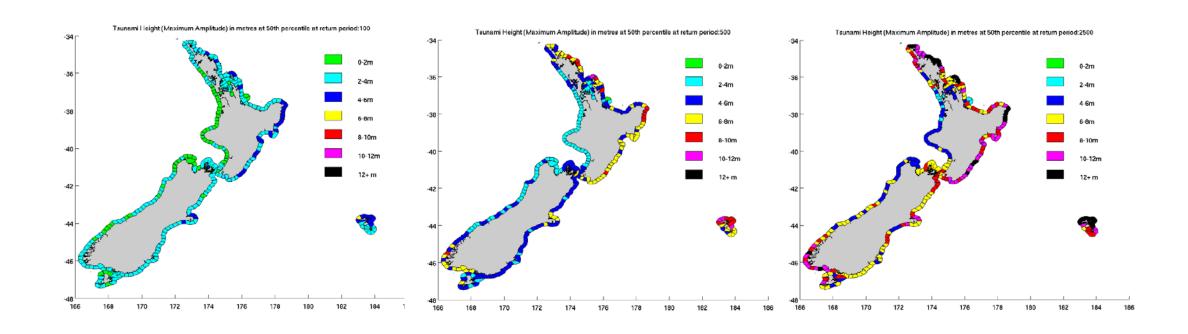
# Tsunami Loading Characteristics on Power Poles

Jonathan Andrew, Charles Tucker and Dr Colin Whittaker





### Tsunami Hazard



Review of Tsunami Hazard in New Zealand (Power, 2013)



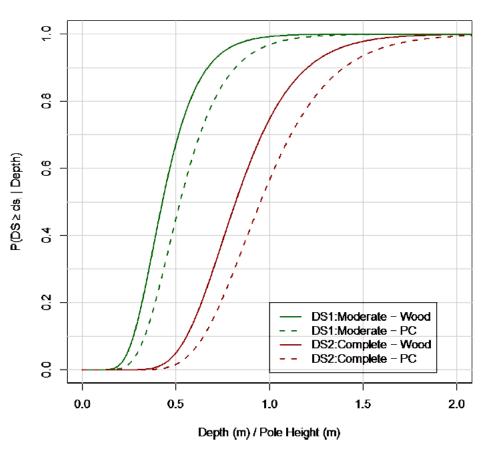


## Impacts on Utility Poles



Utility poles being reinstated following the 2011 Japan Tsunami

#### **Utility Poles**



An Analysis of Tsunami Impacts to Lifelines (Horspool & Fraser, 2016)





## Objectives



An Analysis of Tsunami Impacts to Lifelines (Horspool & Fraser, 2016)

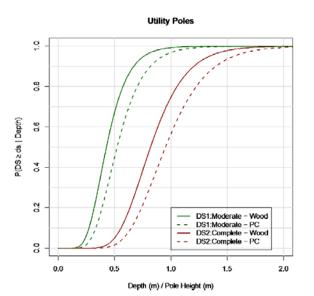


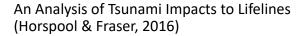
















## Method and Progress

