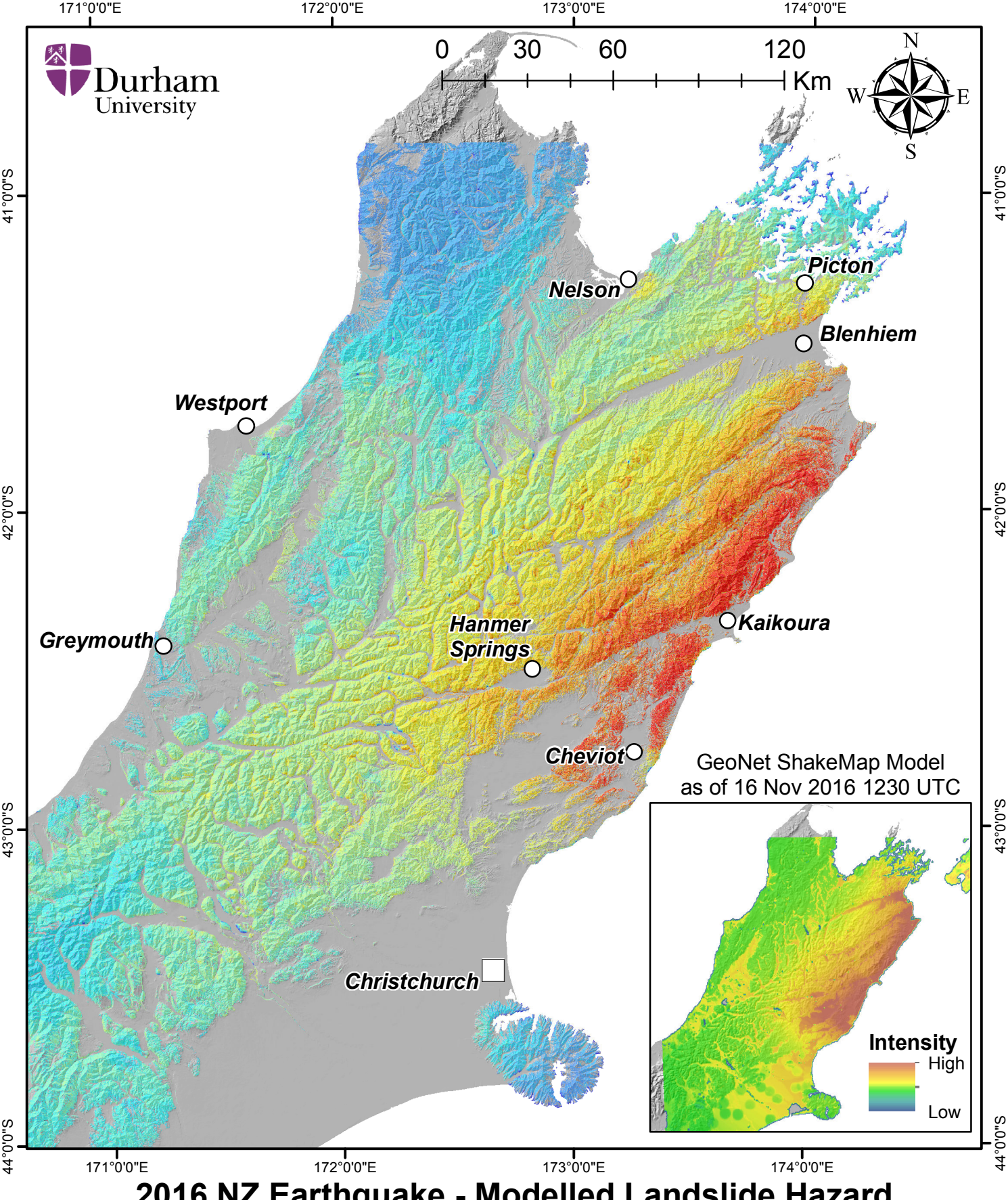

2016 NZ Earthquake - Modelled Landslide Hazard

(Version 2.0 - 16 November 2016 1230hrs)

This model shows the UPDATED landslide hazard expected to have occurred from the mainshock of the 13 November earthquake. IT HAS BEEN UPDATED TO ACCOUNT FOR THE MOST RECENT SHAKING MODEL RELEASED BY GEONET (INSET). Areas in dark red / orange have high landslide hazard, meaning landslides of all sizes are likely. Light green / blue areas are low hazard, meaning landslides are unlikely but possible. Grey areas are not expected to have had landslides. This model is useful for assessing the likely spatial footprint and relative intensity of landsliding triggered by the mainshock. It is created using an adapted version of the method published in Kritikos et al. 2015 (JGR Earth Surface) using shaking intensity downloaded from the USGS. It is NOT A PREDICTION, it only represents the relative likelihood of landslides expected to have occurred during the main earthquake based on the best available information. Contact Dr Tom Robinson (tom.robinson@durham.ac.uk) for further information.

Legend:

Landslide Hazard

High

Low