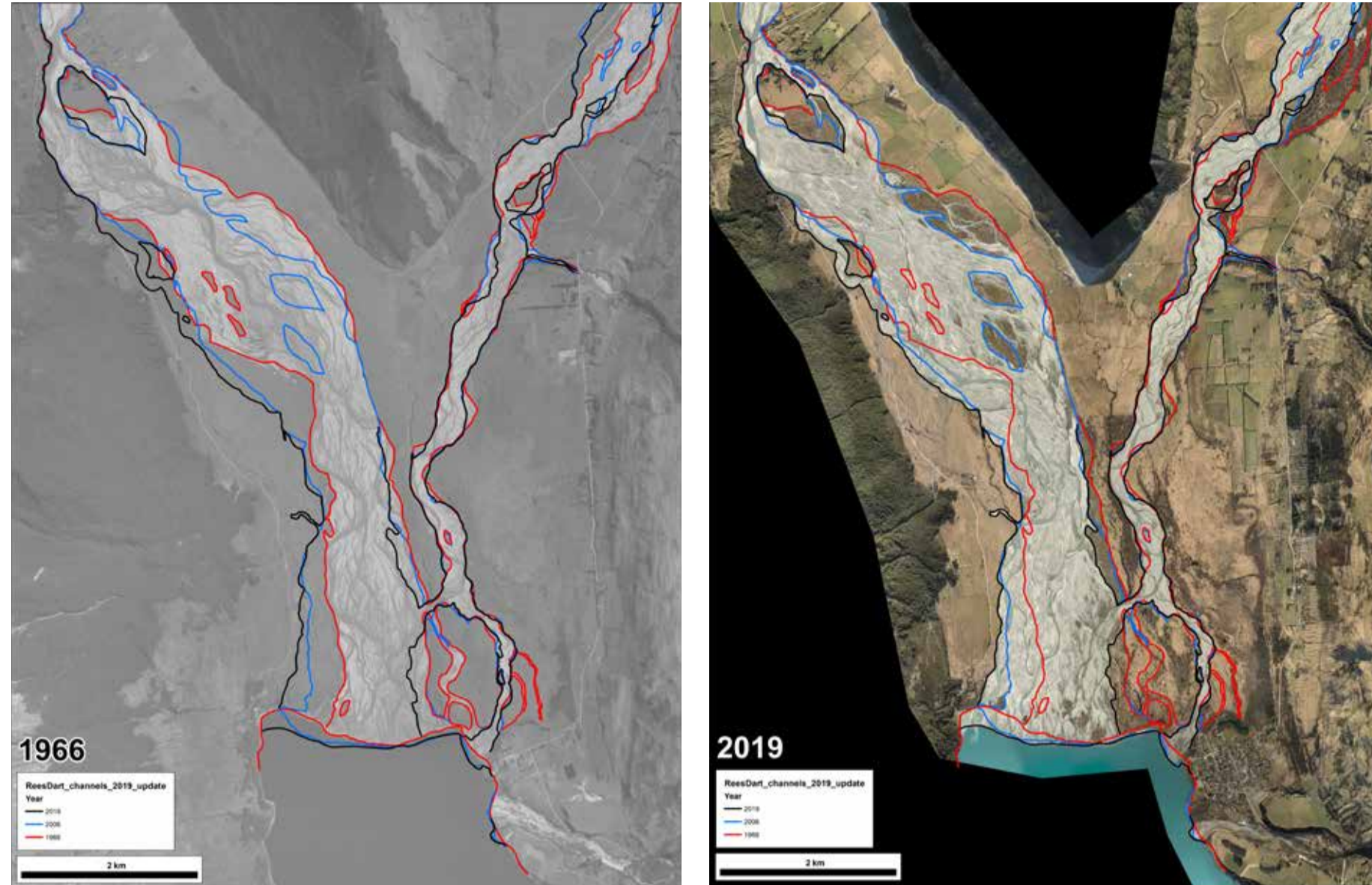
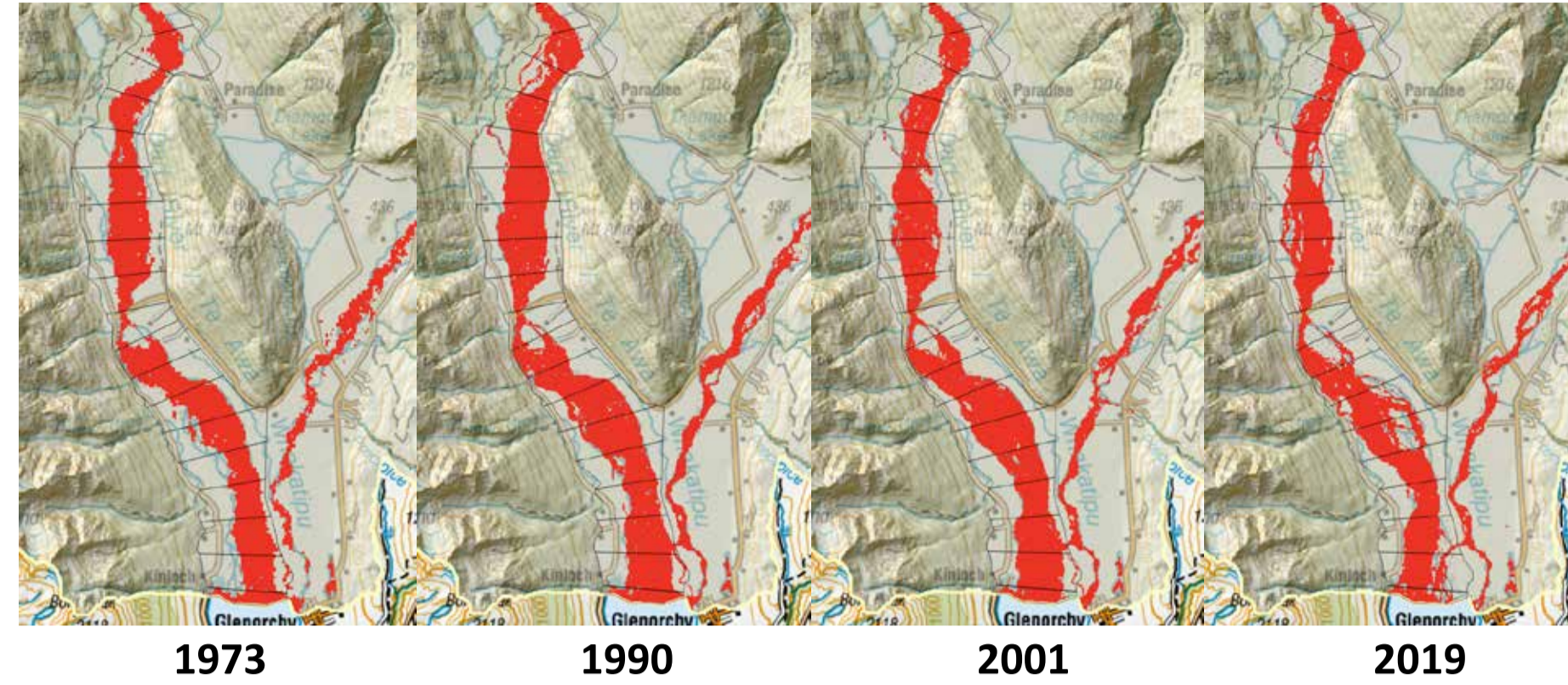


# Supporting Natural Hazards Information Dart and Rees floodplains

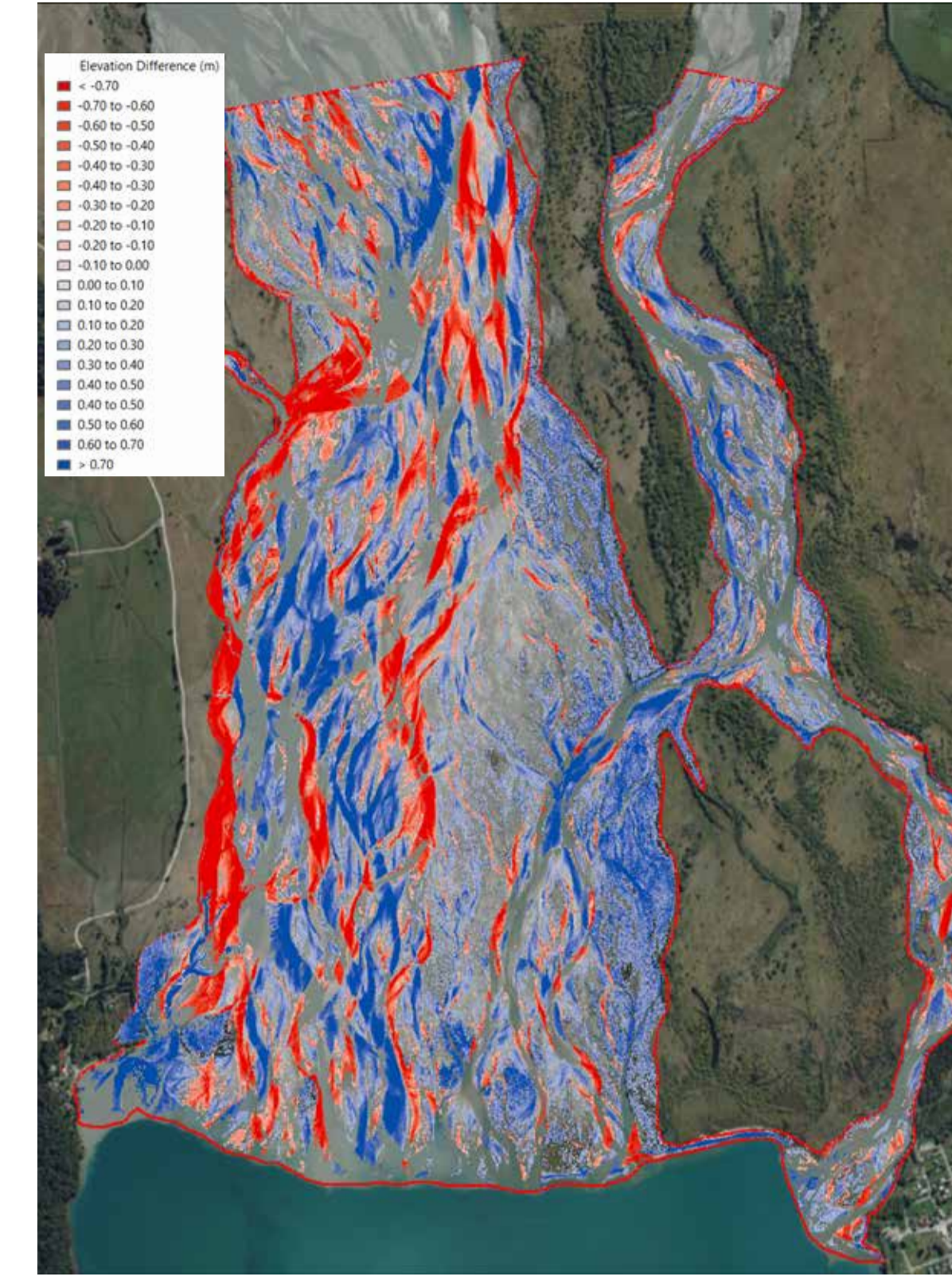


Comparison of 1960s and recent aerial photography to show changes to the Dart and Rees River floodplain and delta over about the last 50 years. Lines show positions of the 1966 (red), 2006 (blue) and 2019 (black) river banks and delta shorelines.

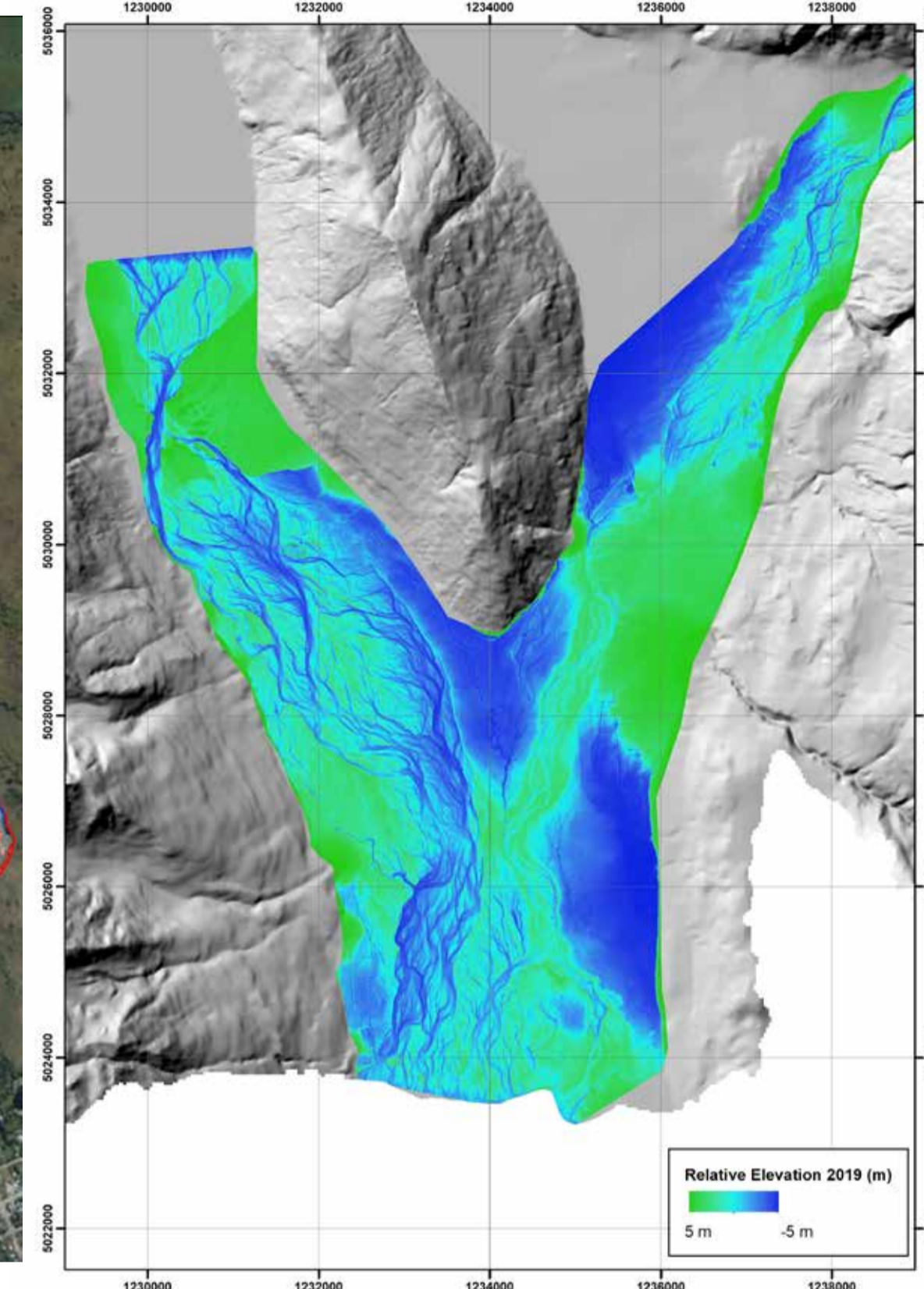


Analysis of the active river channels over about the last 50 years,

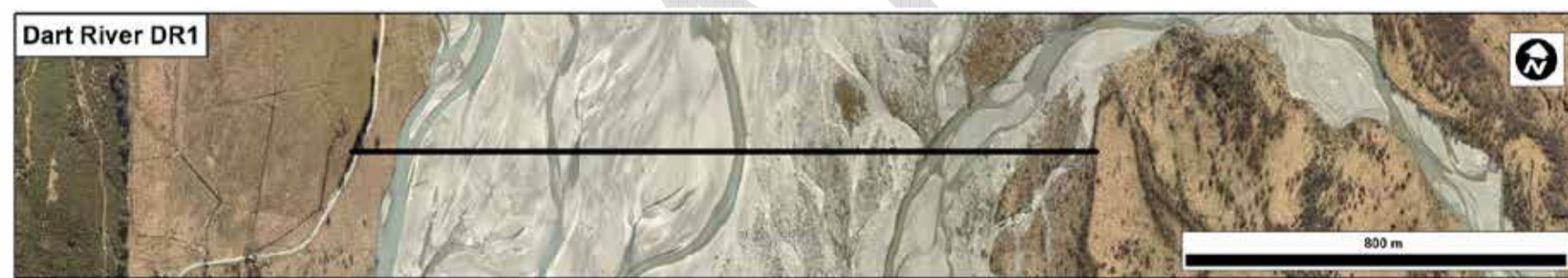
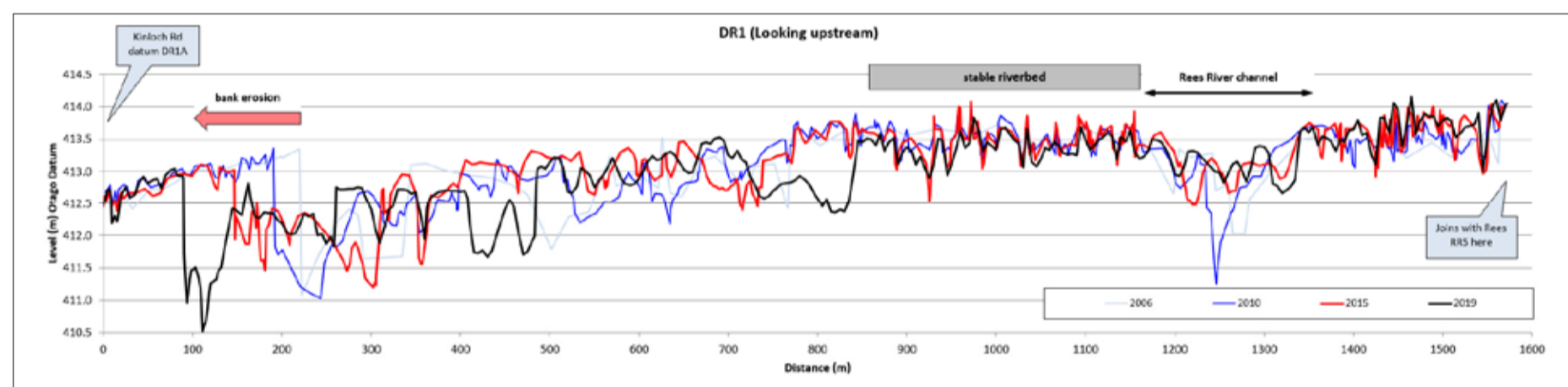
- Westwards migration of the lower section of the Dart River
- Widening of the Dart River channel width from 1970s to 1990, and narrowing from 2000s to 2019.



Analysis of differences between 2011 & 2019 LiDAR surveys for the Dart and Rees Rivers. showing widespread riverbed aggradation in the Rees River (blue), as well as erosion (red) along the western banks of the Dart.



Analysis of 2019 LiDAR survey to show floodplain elevations relative to the river level. Showing areas of the valley floor lower (blue) and higher (green) than the average river bed level.



Dart River cross section DR1, surveys from 2006-2019. Showing westwards channel migration, and also a lowering of the western river bank height.



Overview of the Dart-Rees floodplain area – viewed looking westwards towards Kinloch and Humboldt Mountains.



Examples of Dart River flooding in moderate (November 2019) and large (March 2019) flood events. [LH photo above credit to Geoffrey Thompson]



Examples of Dart floodplain erosion

