EA Flood Management in the Tamar Catchment

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7th Feb 2022

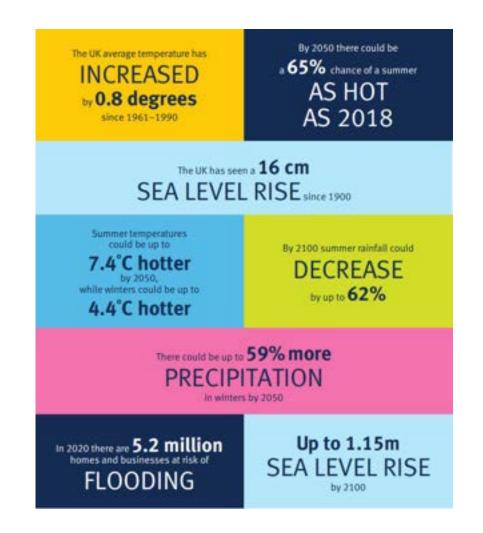


Approach to managing risk

Resilience

Adaptation

Awareness

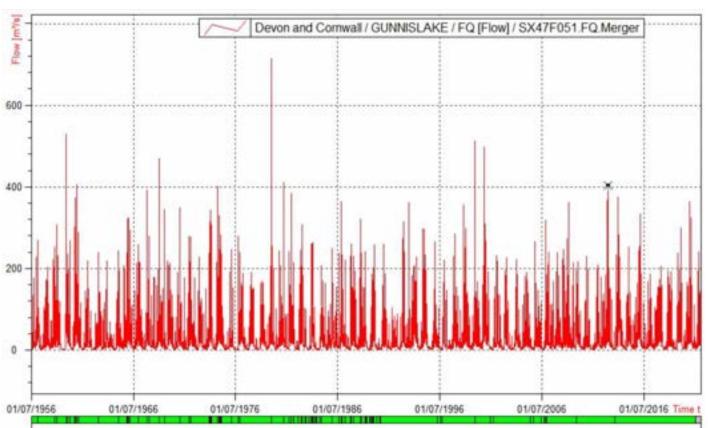




River Tamar – flow data

Gunnislake Gauge 66 years of data

Catchment size of River Tamar at Gunnislake: 917 km²





Gunnislake flow gauge



1 in 100 year flood flow 650 m³/sec

Highest on record: 1979: 715 m³/sec

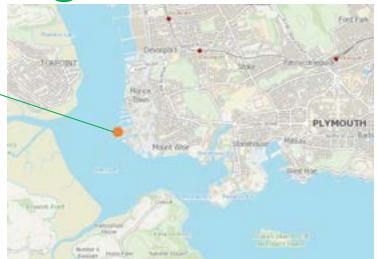




Coastal Flooding Risk

Devonport Tidal Gauge

Data From June 1987









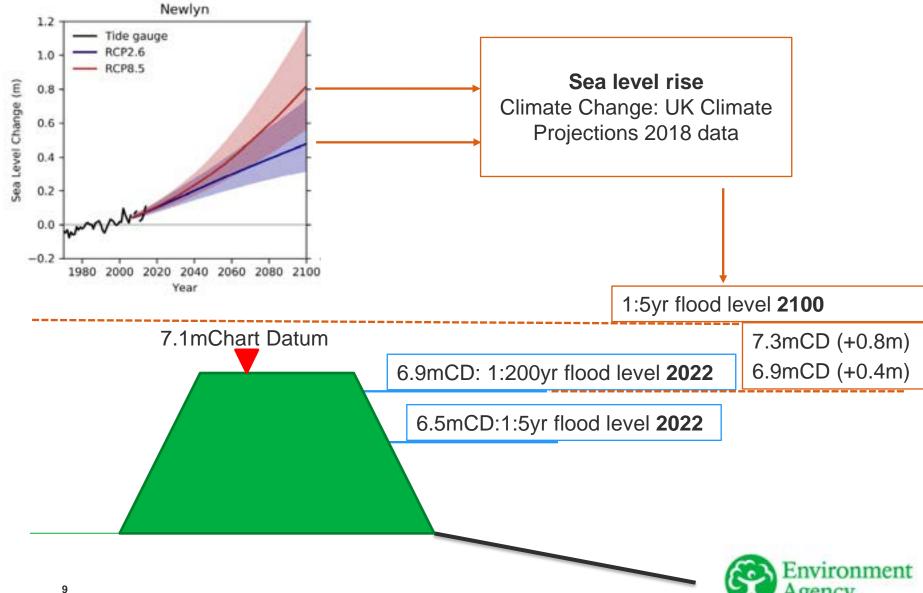
Coastal flood risk on the Tamar Estuary



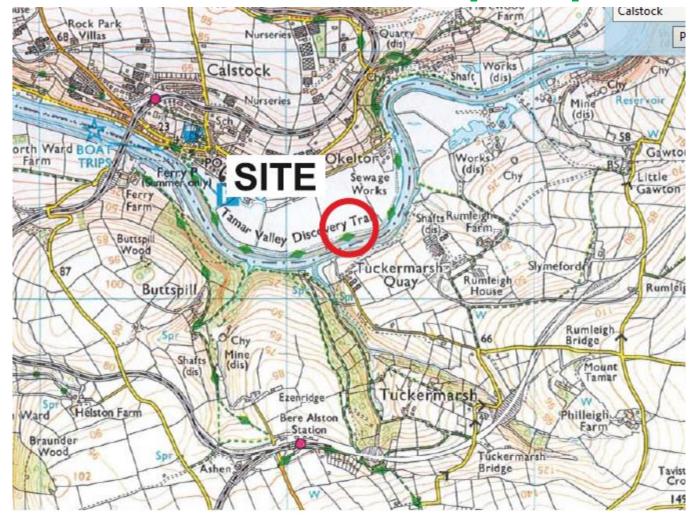




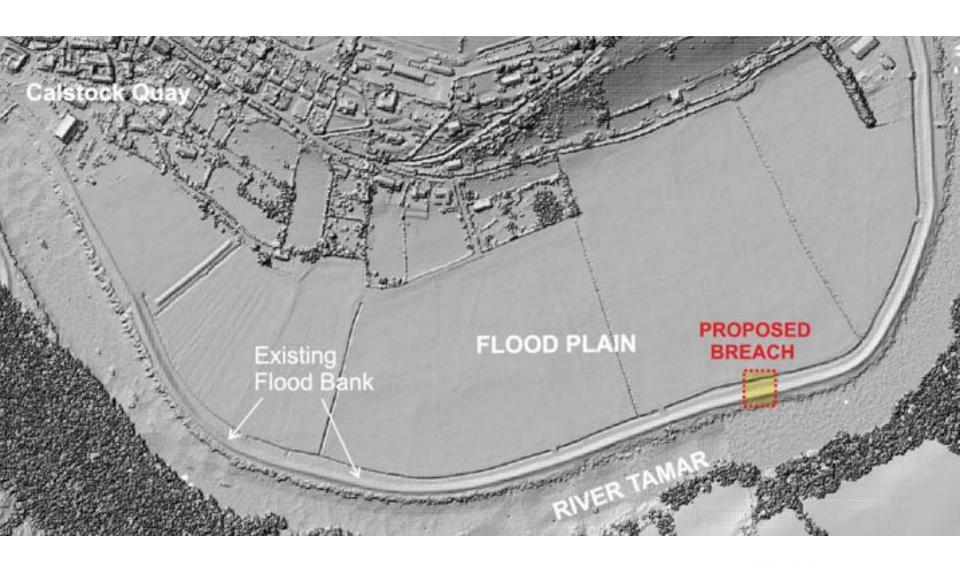
Cargreen Park Floodbank



Calstock – an historical perspective

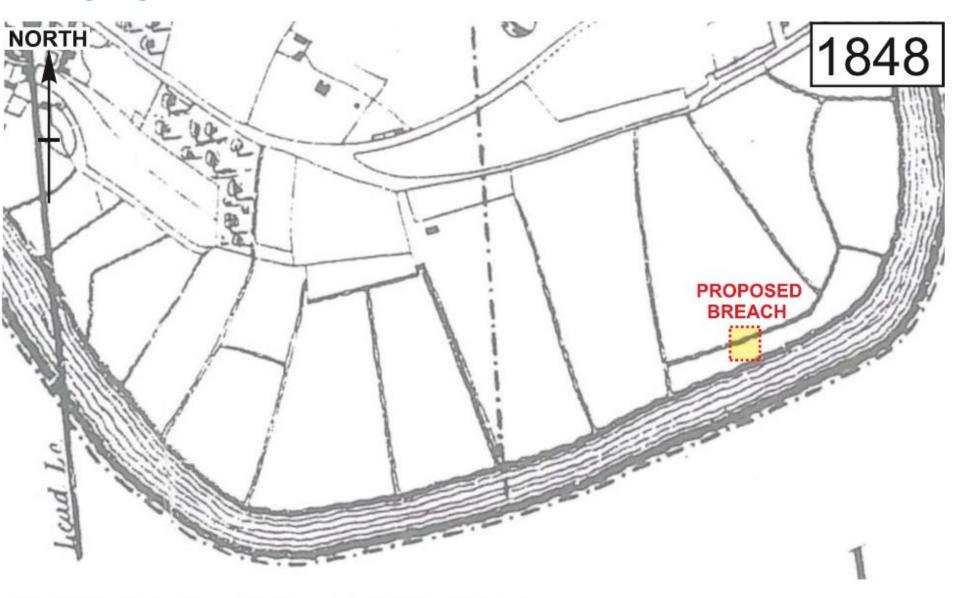








1848



Extract of The Mining Map of Tavistock dated 1848 by R Symons

1988 NORTH Sewage Works Ground **PROPOSED BREACH** ower Rumleigh

Extract of Ordnance Survey Map SX 46 NW dated 1988 © Crown Copyright 2016 OS Licence 100002473



Calstock - 2014



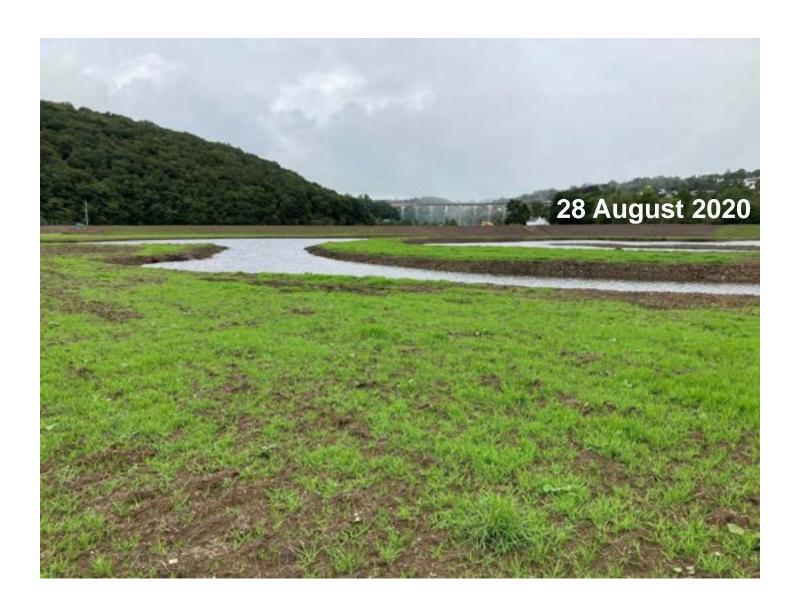












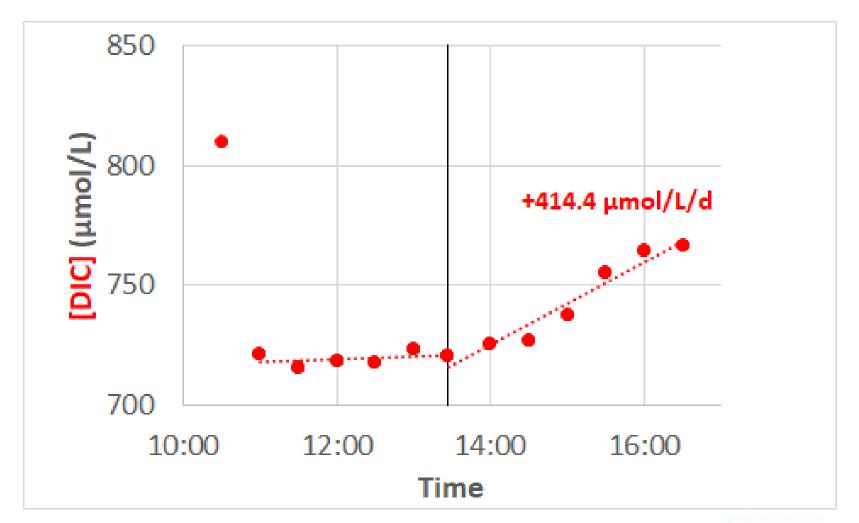






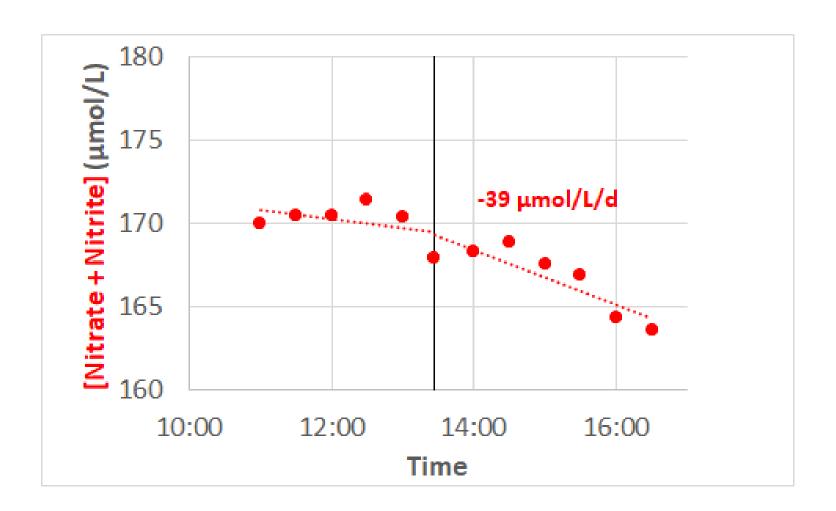


The Habitat – early Carbon results



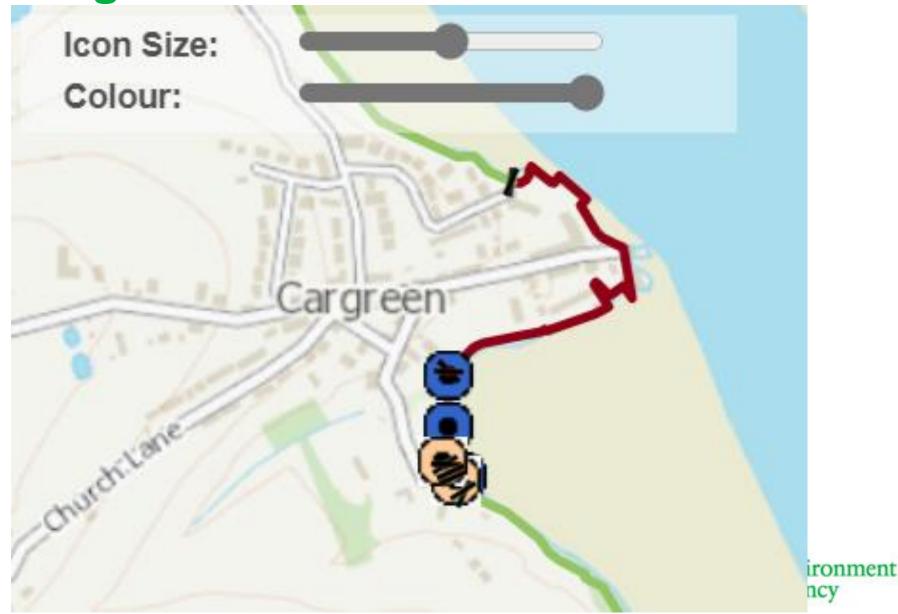


The Habitat – early Nitrate results





Cargreen – some of the flood assets















Flood Warning Service





- Prepare a bag that includes medicines and insurance documents
- Visit flood-warning-information.service.gov.uk





- Turn off gas, water and electricity
- Move things upstairs or to safety
- Move family, pets and car to safety





- Call 999 if in immediate danger
- Follow advice from emergency services
- · Keep yourself and your family safe



floodsdestroy.campaign.gov.uk

Floodline on 0345 988 1188

#floodaware

