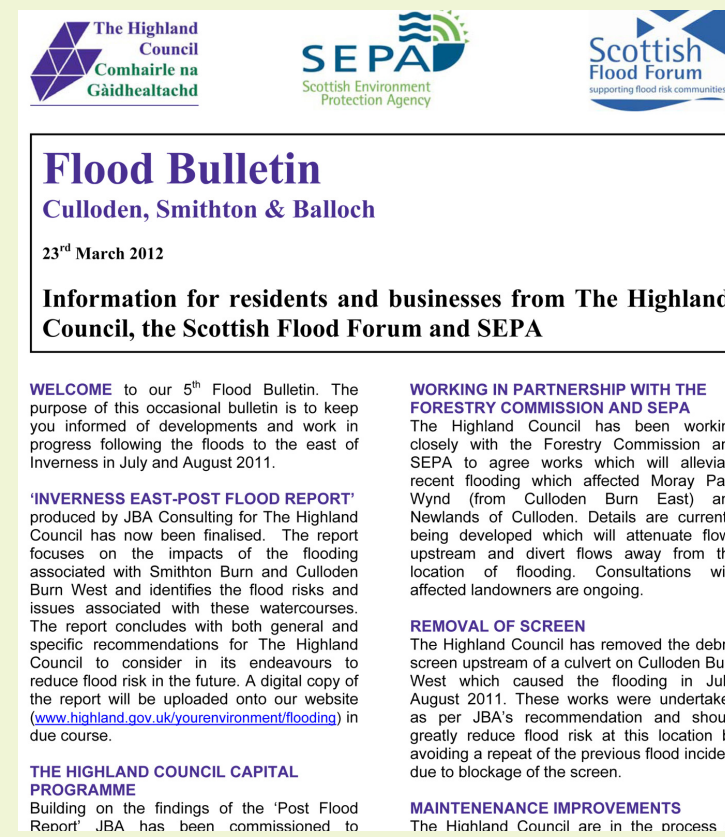
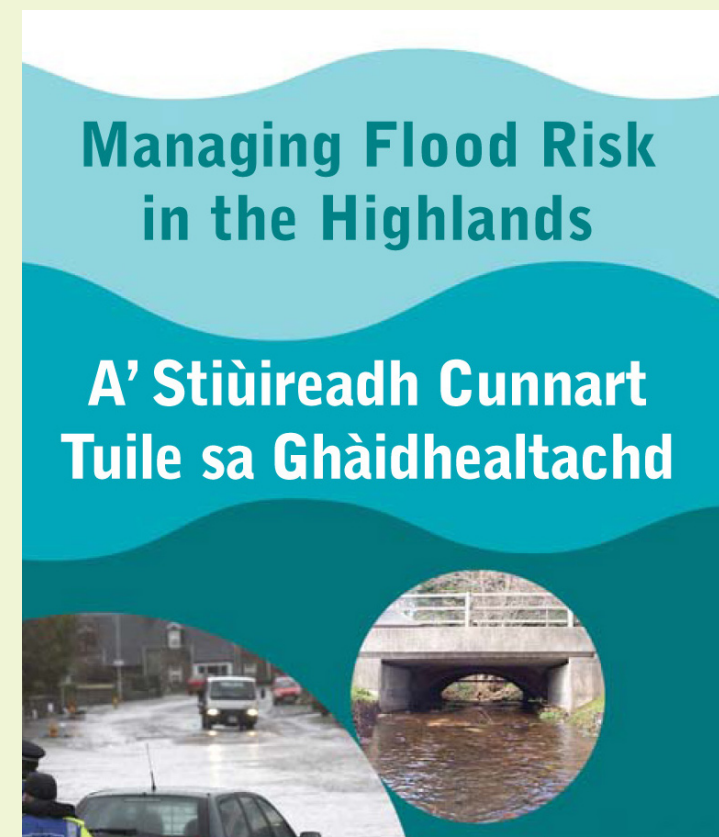


3 What has been done to tackle the problem? (1)

The Highland Council and its partners have responded to the flood events.

A total of 8 Flood Bulletins have been published by The Highland Council to date, providing vital information and news on flood related issues.

The Scottish Flood Forum have worked in partnership with the Council following the 2011 floods. They provided direct recovery support by establishing and operating Flood Drop-in clinics. They have also conducted home surveys and helped organise an exhibition with Flood Protection Products aiming primarily at property level protection.



Publications by the Highland Council



Debris caught on the screen during the 2014 floods may have blocked downstream culverts and caused flooding.



Before: Smithton Burn, with uncontrolled bank erosion increasing the risk of downstream blockage.



After: Channel re-sectioned to reduce flow velocities and protect the banks using natural 'living' products to stabilise the banks.



Before: silt trap in Culloden Woods. Silt traps starve downstream channels of sustainable sediments and encourage further erosion downstream.



After: New coarse debris screen allows the sustainable movement of sediments, but retains larger material and debris that are likely to block structures.



Before: debris screen at Culloden Centre, prone to blockage.



After: new debris screen designed to be resistant to blockage and allow some sediment to pass through the culvert.



Before: Uncontrolled channel erosion during the 2011 floods increasing the risk of downstream blockage.



After: newly constructed step pools that dissipate flow energy and are erosion resistant

We have been collecting and analysing the information needed to develop a sustainable scheme for the community that protects the characteristics and environment of Smithton and Culloden, whilst reducing future flood risk.

We aim to:

- Increase awareness through public engagement
- Improve avoidance through planning, flood warning and operations
- Provide alleviation through promotion of flood protection measures and a scheme
- Provide assistance through collaboration with the emergency services and others

Preparation work for the scheme has already begun. This includes ground investigations and surveys, design of short term measures and improved flood warnings.

Since the 2011 floods, we have appointed a specialist scientific and engineering consultant to assist the Council understand the risks and develop a sustainable flood protection scheme.