

Developing a resilient community



**Edzell Flood
Group**

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December 2012: insider story

- 44 properties
- 1 million pounds of damage
- Wishop Burn –fluvial- our unique story
- Difference between council and community findings related to insurance and selling properties
- Longest decanted villager- 10 months
- Edzell Flood group formed January 2013
- No further property damage since the group formed



The face of flooding of a home



10 month drying processes



Who are we?



Resilience means to us

“It is widely accepted that flooding cannot always be prevented, but flood impacts can be mitigated or reduced by adhering to resilience principles such as adequate preparation, or learning from past events”. (McClemont et al 2020 p1170)

Resilience: SEPA

sepa **Met Office**

Scottish Flood Forecast

Last updated on 19/10/2024 @ 15:04

[Feedback](#) [Back to SEPA](#)

Your [feedback](#) will help us improve the service.

Summary

Coastal flooding impacts are likely around much of the coast around the times of high tide. The period of greatest risk is around high tide between Sunday evening and early Monday morning, when significant coastal impacts are likely in the north west of Scotland, including the Western Isles, and could occur elsewhere.

Saturday 19 October 2024	Sunday 20 October 2024	Monday 21 October 2024

No Service 19:18 64%

Messages SEPAFLOOD Details

Floodline.

Today 16:28

FLOOD ALERT issued for Dundee and Angus. Go to

Text Mes... Send

O2-UK 16:24 39%

Messages SEPAFLOOD Edit

using quick dial 21200.

28 Jul 2013 16:23

Improving conditions mean a FLOOD ALERT is NO LONGER IN FORCE for Dundee and Angus. More details available on Floodline.

Text Message Send

Resilience: using analytics



Met Office Weather warning

Yellow warning for Central, Tayside & Fife

Rain

Detailed description: This is a weather warning banner from the Met Office. It features the Met Office logo on the left and the text 'Weather warning' on the right. Below this, a yellow bar contains a warning icon (a yellow triangle with an exclamation mark) and the text 'Yellow warning for Central, Tayside & Fife'. At the bottom left, the word 'Rain' is displayed.

Supporting resilience

Live flooding information



A banner from the Met Office. On the left is the Met Office logo. On the right is the text "Weather warning". Below this is a yellow bar with a warning icon and the text "Yellow warning for Central, Tayside & Fife". At the bottom left is the word "Rain".

Deployment (22mins)

Weather Forecast

Burn Sensor

Physical Recce

Social Media – WhattsApp, Facebook - **Clock Started**

Village Volunteers start arriving at Shed – **7 minutes**

Barriers transported and installed with Graphical Plans – **10 minutes**

Supervision by Flood Warden - **ongoing**

Monitor – **22 minutes**



Debrief events

- Core team immediate de-brief and full group meeting is decided
- Feedback becomes feed-forward
- Action plans reviewed
- New 'lists' of resilient actions
- Full Edzell Flood group meeting (if required)

Feedforward

- Working with farmers
- Working with Dalhousie Estate and SEPA
- Planting trees to counteract deforestation
- Naturalisation and non-engineering solutions
- Holding pond to slow movement through village
- Raising more funds through partnership applications



Take home messages for effective communication

- Wide flood group email list for updates and general communications.
 - Edzell Flood Group action plan with communication tree and flood engineer numbers, etc.
 - Utilising the SEPA three-day monitoring and signing up for SEPA Floodline alerts and warnings for wider group.
 - Met Office and various apps for weather warnings (eg YR)
 - Scottish Flood Group communications.
 - Monitoring of Wishop Burn and flood plains using observation and RiverTrack monitoring.
 - Clear communication with Angus Council resilience network.
 - Use of social media (Facebook page) for general updates of SEPA warnings and calls for action.
 - WhatsApp group for flood wardens who will undertake actions such as deployment of barriers.
- * **De-briefs on significant events to feed forward actions from the feedback of members.**

References

- McCLEMONT et al. 2020. Flood resilience: a systematic review. Journal of environmental planning and management. Vol 63. Issue 7. pp

