

Knowledge is power: coastal communities, relocation and the politics of climate science

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Fairbourne, North Wales

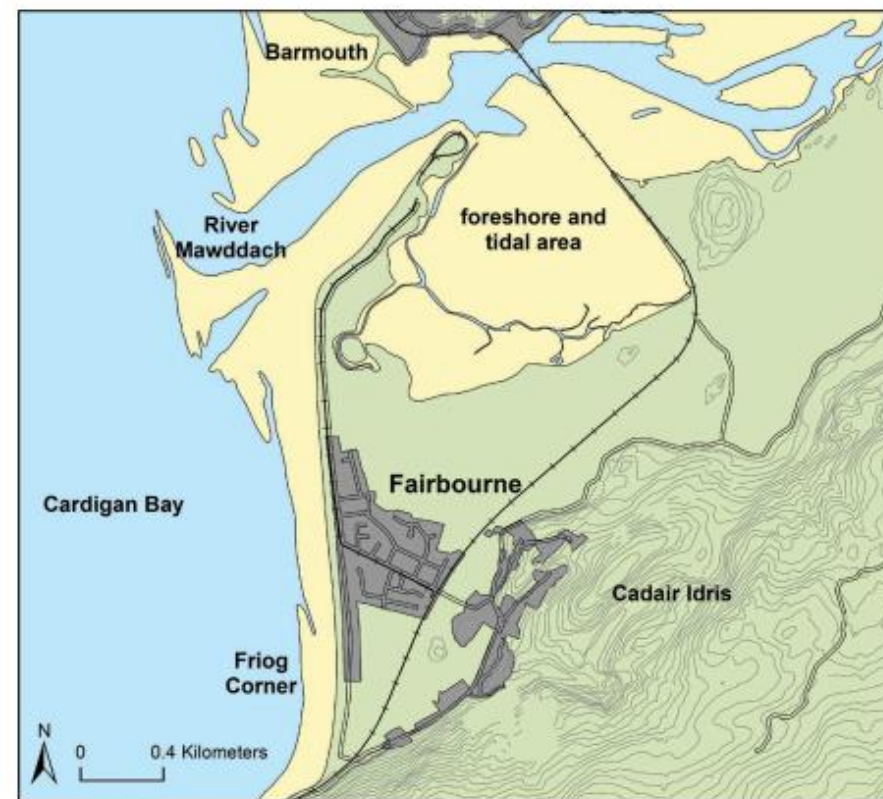
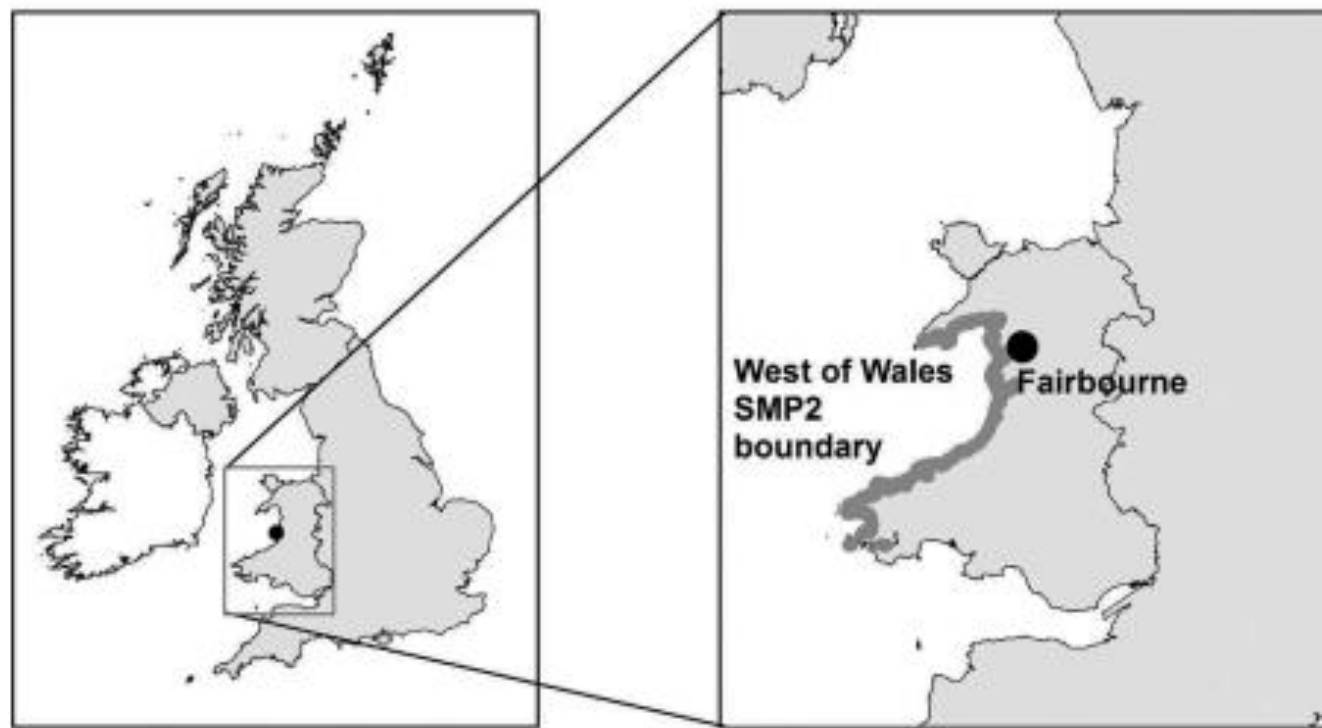
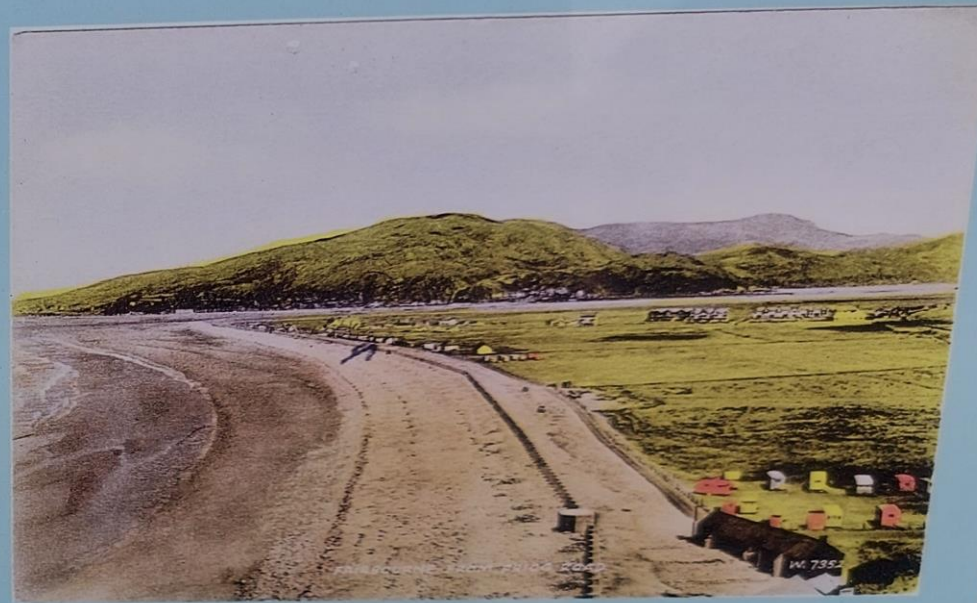


Figure 1. Fairbourne location map.



Fairbourne, cyn 1935
Fairbourne, before 1935



Fairbourne, yn fuan ar ôl y Rhyfel
Fairbourne, early post-War





DROWNED OUT

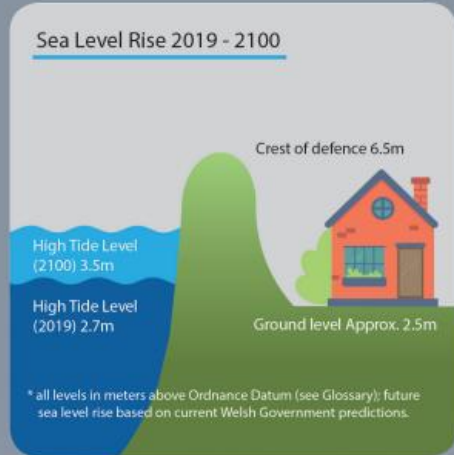
A sleepy seaside village in Wales could be the first in the UK to be wiped out by the ocean. Sea defences in Fairbourne are due to stop being maintained in the 2050s.



FAIRBOURNE, NORTH WALES



1000 ft

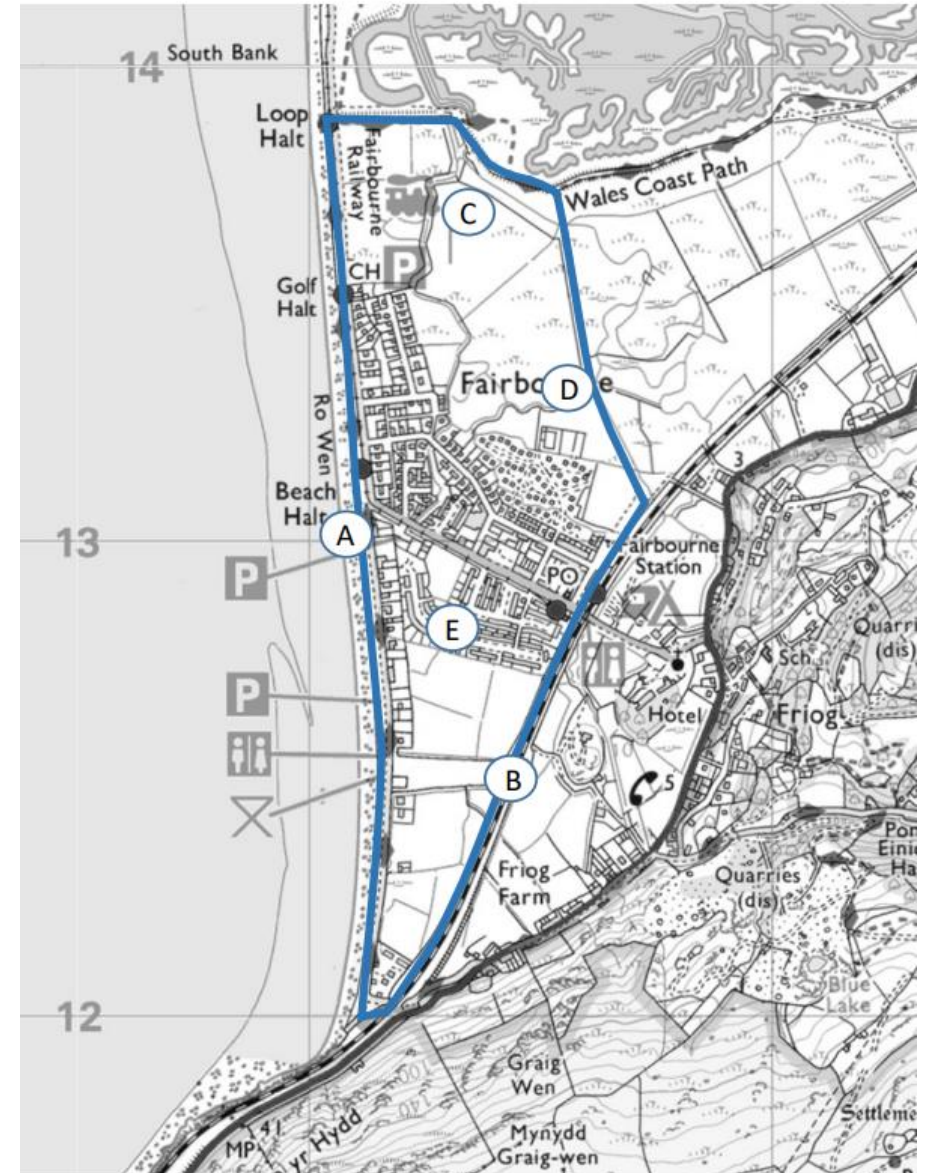
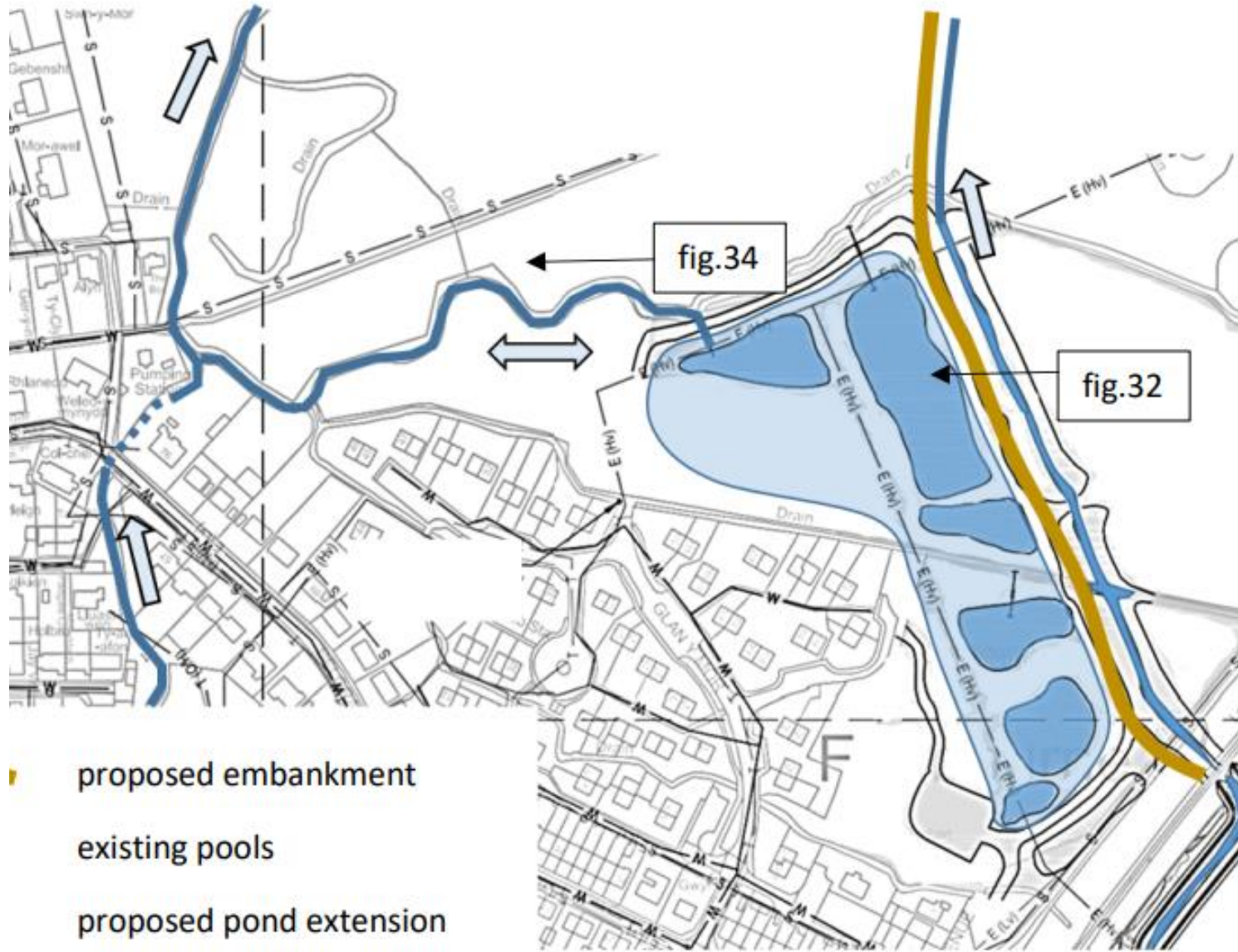


These 2 diagrams are based on still water levels. They do not include the kind of wave action that would be seen in the Cardigan Bay area during periods of severe weather.

During a severe storm, wave heights in Cardigan Bay can reach between 2-3 meters.



	Approach number 1			Approach number 2			Approach number 3			Approach number 4			Approach number 5		
	No Maintenance of Defences			No Maintenance of Defences			Medium Term Maintenance of Defences			Medium Term Maintenance of Defences			Long Term Maintenance of Defences		
	Without Support			With Support			Without Support			With Support			Without Support		
Evaluation criteria	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term
1 Safe place to live	Green	Red	Red	Green	Red	Red	Green	Green	Red	Green	Green	Yellow	Green	Green	Yellow
2 Viable community	Yellow	Red	Red	Green	Yellow	Yellow	Yellow	Yellow	Red	Green	Green	Yellow	Green	Green	Yellow
3 Individuals not disadvantaged	Yellow	Red	Red	Green	Red	Yellow	Yellow	Yellow	Red	Green	Green	Yellow	Green	Green	Red
4 Thriving businesses	Yellow	Red	Red	Green	Yellow	Yellow	Yellow	Yellow	Red	Green	Green	Yellow	Green	Green	Red
5 Maintaining infrastructure and services	Yellow	Yellow	Red	Green	Yellow	Red	Green	Yellow	Yellow	Green	Green	Yellow	Green	Green	Red
6 Sustainable economic development	Green	Yellow	Red	Green	Yellow	Yellow	Green	Yellow	Red	Green	Green	Yellow	Green	Green	Red
7 Environment	Green	Red	Red	Green	Yellow	Green	Yellow	Yellow	Red	Green	Yellow	Green	Green	Red	Red
8 Education & Engagement	Yellow	Yellow	Red	Green	Green	Yellow	Yellow	Yellow	Red	Green	Green	Yellow	Green	Green	Red
9 FCREM Investment	Yellow	Yellow	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Yellow	Red





999

FFÔN ARGYFWNG EMERGENCY TELEPHONE

SAFLE / POSITION	FRIOG, FAIRBOURNE
	SH 612 120
RHIF FFÔN / TEL. NO.	01341 250716



Llinell Argyfwng / Incident Hotline
03000 65 3000

Perygl
Adelodd arddiffynfa forol
Wynneb arwasad
Peidwch â dringo ar na tiroa y creigiau

Danger
Sea defence structure
Uneven surface
Do not climb on or over rocks