

**Your reference: 20026106**

**11/10/21 to the Planning Inspectorate**

Dear Sir/Madam,

I wish to register my further objections to the proposed Sizewell application and recent proposed changes. Please see below:

- 1) I wish to raise serious concerns about the applicant's failure to identify/secure a freshwater water supply for the plant in its original application. Something as fundamental and as large as this should have been identified right from the very beginning and their failure to do this suggests a lack of due diligence in their project planning. If the applicant cannot even get this aspect organised then how are we to have any confidence in the company to act competently in the construction of the proposed nuclear reactor at Sizewell? To add such a large associated project such as a desalinisation plant so late in the application process equates to moving the goal posts. There is already a well documented and large environmental impact from the construction of the proposed site described in the original application. A desalinisation plant will lead to additional significant degradation of the local landscape, environment, wildlife and sensitive ecology. It would also significantly add to the carbon footprint of the project in terms of both embedded carbon emissions from its construction and emissions from the plant when in operation.
- 2) I remain concerned about the long term management of a waste stored at the site. The safety of waste in the long term is a new frontier which hasn't been reached before . Academic studies point to the challenges of storing radio-active waste.
- 3) And the safety of the site, its reactors and waste stored on site also needs to be considered in the context of climate change. Over the last few months, more and more information has been researched and published which shows the fragility of the East Anglian Coast including the Sizewell site in the face of climate change impacts. I remain concerned that the data used by the Inquiry on coastal flooding and coastline erosion/loss of land is outdated and not fit for purpose. Even a basic map such as the one published by Climate Central – see below shows that the land projected to be below annual flood level in 2050 and this land includes land at Sizewell.



CHOOSE MAP

EMBED

SHARE

DOWNLOAD

Search places

Full Roadmap

COASTAL RISK SCREENING TOOL

## LAND PROJECTED TO BE BELOW ANNUAL FLOOD LEVEL IN 2050

Improved elevation data indicate far greater global threats from sea level rise and coastal flooding than previously thought, and thus greater benefits from reducing their causes.

[DETAILS AND LIMITATIONS](#)

[Report](#) [Scientific Paper](#) [White Paper](#)

ELEVATION DATA USED

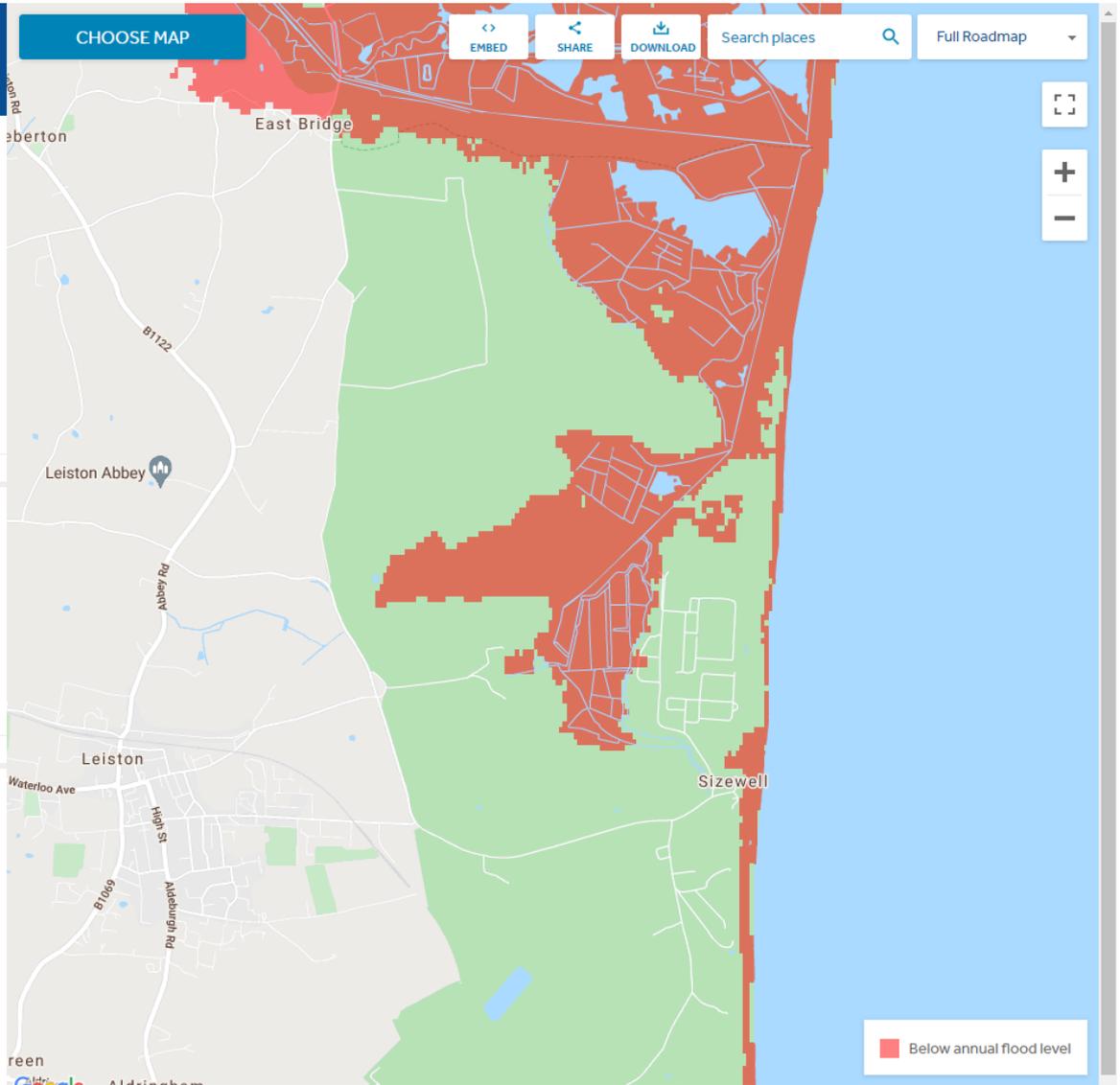
Best available

CoastalDEM® v2.1

Legacy data

[CHANGE OTHER SETTINGS](#)

[Video Tutorial](#)



- 4) And as far as I understand it the basic data above does not even include inland river flooding/rising water-tables etc. This means that the impact of flooding and coastal erosion and land loss will be far greater than shown on the above map. East Anglia will become a series of islands. Whole communities and infrastructure will be lost. Populations will be forced to move inland. How would Sizewell operate when its surrounding land masses have gone? It's ludicrous to think of putting new nuclear reactors, and storing waste fuel on land which in the future will be a small island at high risk of flooding.
- 5) Another key impact of climate change is that warmer air and sea temperatures will bring more powerful onshore storms and higher risks of damage to infrastructure. We are already witnessing this in other parts of the world with hurricanes and cyclones whose intensities have never before been witnessed.
- 6) High concrete walls as proposed by the applicants are no match for the sheer power of coastal storm surges.
- 7) Concrete also degrades over time and needs to be replaced. How would this be done when the facility has been damaged and lies underwater?
- 8) This planning application and subsequent changes to it put the lives of future generations at risk. It is future generations that will be left with the legacy of a badly thought out and dangerous project. It will be future generations whose lives will be at risk from this proposed project, as they will be forced to try and manage the site, its reactors and spent fuel rods to maintain its infrastructure and safety.
- 9) This planning application and the subsequent proposed changes would result in the construction of another *Fukushima*. The application is a nuclear disaster in the making. It is a terrifying prospect for future generations. Please put a stop to it now for the sake of future generations. We have clean, safe, green energy alternatives that we can use instead.
- 10) The construction of new reactors at Sizewell would also be an embarrassing and expensive White Elephant. The spiralling costs of the EPRs in Finland, France and at Hinkley Point make nuclear energy very expensive compared to the cheap, clean, green, renewable energy which is now expanding significantly to meet demand and is becoming cheaper and cheaper as it does this. Sizewell C is simply not needed. It is uneconomic. It would destroy our local environment/ habitats, incur net costs and leave a detrimental legacy *rather than* net benefits to local residents, visitors, consumers and taxpayers.
- 11) My original objections also remain.