

# Coastal Wardens 2023 Annual Forum

6pm, Thursday 16 November - Margate Visitor Info Centre

## Part TWO



# Agenda

## See Part ONE

6.30pm Welcome

6:35 Thanet Coast Project & Coastal Wardens 2023

6:45 Short Sharp Shore: updates/presentations - pt1

## PART TWO

Short Sharp Shore: updates/presentations-pt2 (Pages 4-67)

8.10 Climate Change - Thanet (Pages 69-86)

8:30 Feedback comments (Pages 87-96)  
- Networking, nibbles & drinks

9-9.15 Depart





# Short Presentations

## SEE PART ONE

1. **Natural England update** - NEKMPA MG-AG/Coastbusters

Becca Turley, Natural England

2. **King Charles III England Coast Path** - short film

Laura Whitfield, Natural England Access Team

3. **Is our Kelp disappearing?**

Ian Tittley, NEKSCAG/Kent Field Club/SeasideMuseum

4. **Sea Level Change in Thanet**

Richard & Tina Hubbard

5. **Coastal Bird changes**

Greg Bessant, Bird Wise East Kent

## PART TWO:

6. **Save Minster Marshes**

(Pages 4 to 24)

Nik Mitchell, Wildlife Conservation in Thanet

7. **Pegwell Bay NNR updates: The Good & the Bad** (Pages 25 to 42)

Nina Jones, Kent Wildlife Trust

8. **Zero Margate Update** and display panels (Pages 43 to 67)

Sam Causer, Zero Margate





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# Save Minster Marshes





6 Hectares, 100ft high







## SAVE MINSTER MARSHES PUBLIC MEETING MINSTER

National Grid plans to build a huge electricity Converter site on Minster Marshes - a vital habitat for our wildlife

Wednesday 1st November - 7.30 - 9pm  
Parkminster Tea Room  
Minster, Ramsgate CT12 4H



## SAVE MINSTER MARSHES PUBLIC MEETING SANDWICH

National Grid plans to build a huge electricity Converter site on Minster Marshes - a vital habitat for our wildlife

Thursday 2nd November - 7.30 - 9pm  
St Mary's Church, 59 Strand St  
Sandwich CT13 9HN



## SAVE MINSTER MARSHES PUBLIC MEETING RAMSGATE

National Grid plans to build a huge electricity Converter site on Minster Marshes - a vital habitat for our wildlife

Monday 30th October - 7.30 - 9pm  
Radford House, 18-20 Effingham St  
Ramsgate CT11 9AT









## Biodiversity Loss and habitat destruction



APPENDIX 2  
PROPOSED SITE PLAN (OVERVIEW)



Biodiversity Loss and  
habitat destruction



Wetlands make up only 3 per cent  
of the UK  
but are home to around  
10 per cent of all our species.

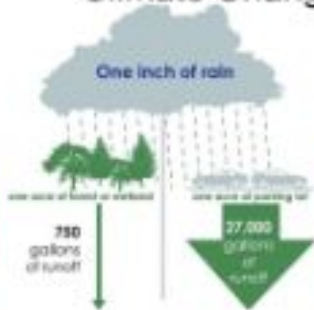




## Aesthetic and Recreational Value



## Climate Change Implications



Wetlands protect us from extreme weather events and help us recover better from disasters. By storing rain like a sponge

CLIMATE  
CENTRAL

OASIS RISK SCREENING TOOL

AND PROJECTED TO  
BE BELOW ANNUAL  
FLOOD LEVEL IN 2050





## Cumulative impact



# There are alternative sites





Some of the wildlife



# Bats





# Birds



## Ramsgate gets its name from Raven

Its earliest reference is in the Kent Hundred Rolls of 1274-1275AD as 'Ramisgate' or 'Remmesgate' from Anglo-Saxon "Hræfn's geat", or "raven's cliff gap", later to be rendered 'Ramesgate' from 1357AD.





Peregrine, the worlds fastest



Turtle dove  
UKs fastest declining  
80% since 1980





# Best Song bird

Nightingale

they have declined by over 90% in the last few decades. nightingale are incredible songbirds of the 5000 odd songbirds in the world nightingale have the most astonishingly rich repertoire, able to **produce over 1000 different sounds**, compared with just 340 by skylarks and about 100 by blackbirds, it's a bird deeply linked into uk culture



## Wolverine

Fastest Declining mammal, losing 95% of its range over the last hundred years





The Beaver is back



Thank you





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# Updates From Pegwell Bay NNR: The Good and the Bad

A stylized illustration of Pegwell Bay NNR. In the foreground, a large grey seal with dark spots is swimming. In the background, there's a green hill with a castle (Pegwell Castle) on top. To the left, a family (two adults and a child) is walking on a sandy beach. To the right, a ship is visible in the water. A large black bird is flying in the sky. The water is a mix of light and dark teal, with some seaweed visible at the bottom.

**Nina Jones**  
**Pegwell Bay Protected Area**  
**Warden**



# Pegwell and Sandwich Bay National Nature Reserve

- 615 hectares mudflats, saltmarsh, sand dune, saltmarsh, chalk cliff

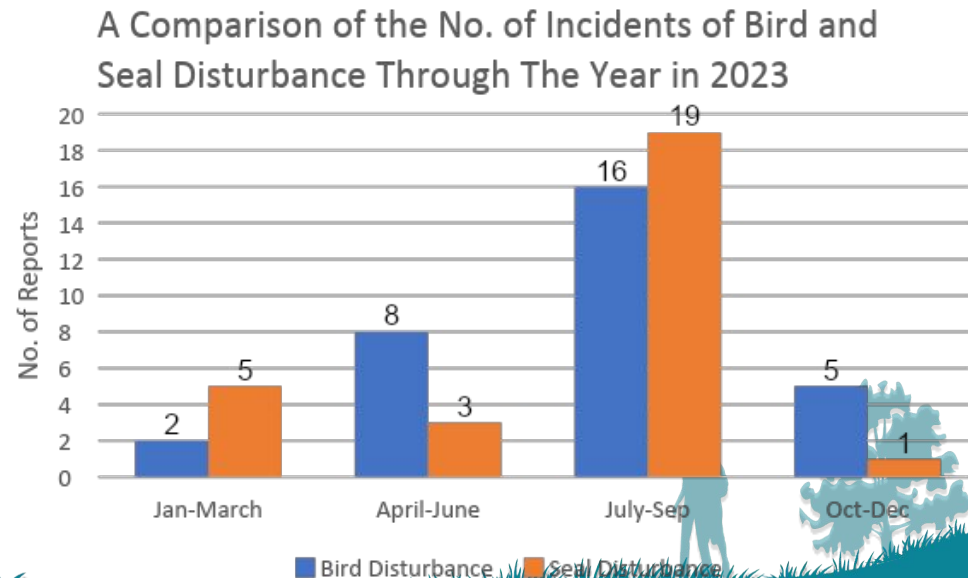
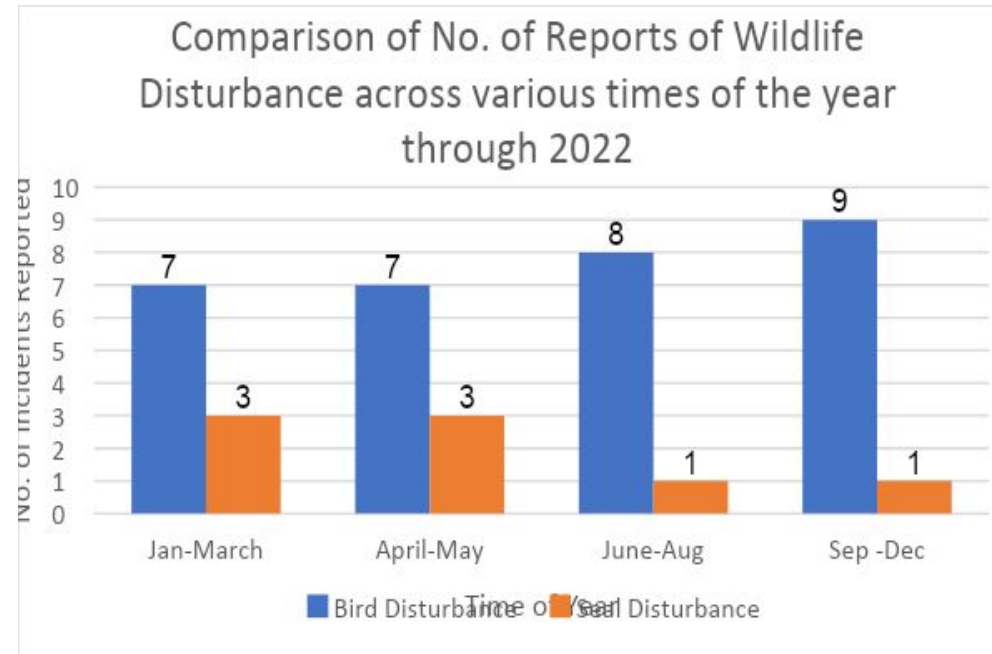
Local Nature Reserve (LNR)  
National Nature Reserve (NNR)  
Natura 2000  
Ramsar  
Site of Special Scientific Interest (SSSI)  
Special Areas of Conservation (SAC)  
Special Protection Areas (SPA)  
Country Park  
County Geological Site



# Disturbance Records

## Time of Year

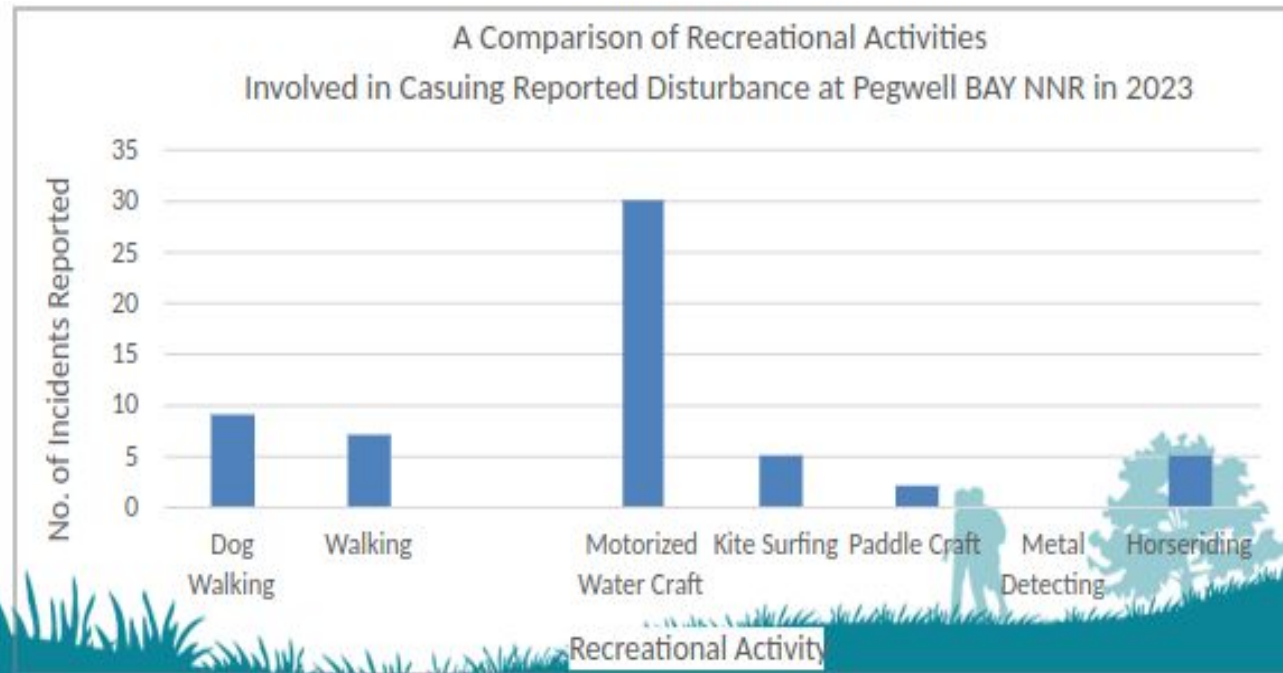
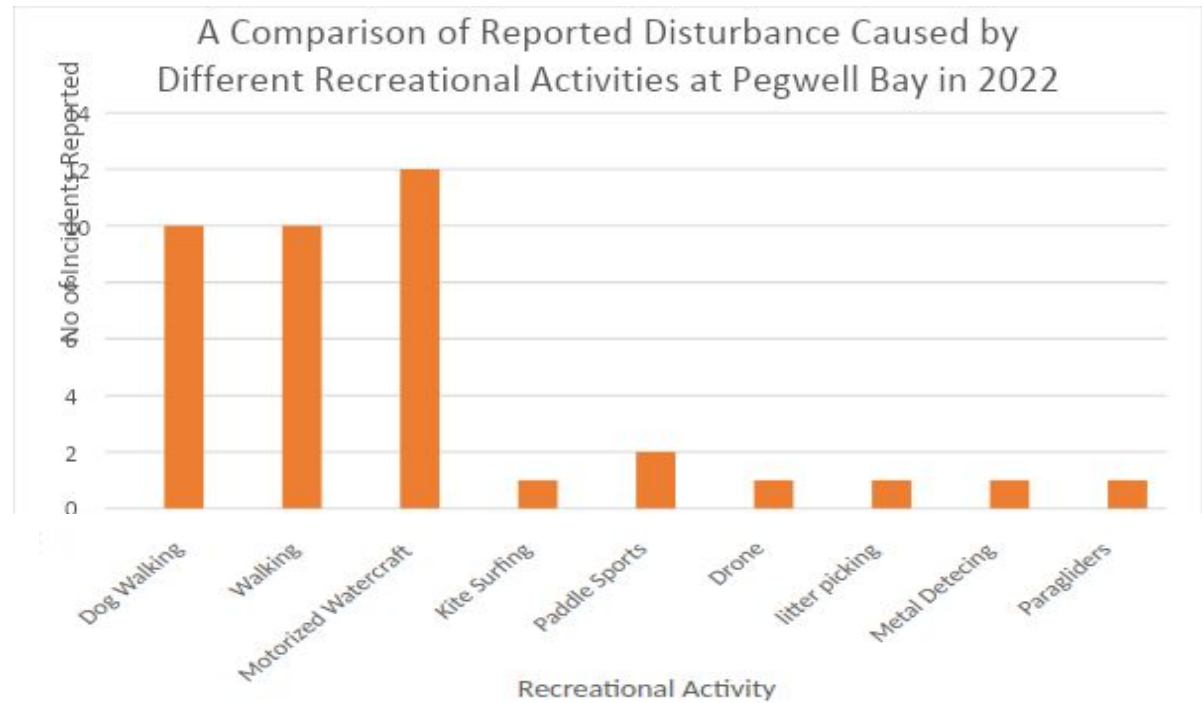
- Seal disturbance
- Bird Disturbance
- Collated over the 4 quarterlies
- Increase in disturbance incidents concerning seals and birds in Summer 2023





# Causes

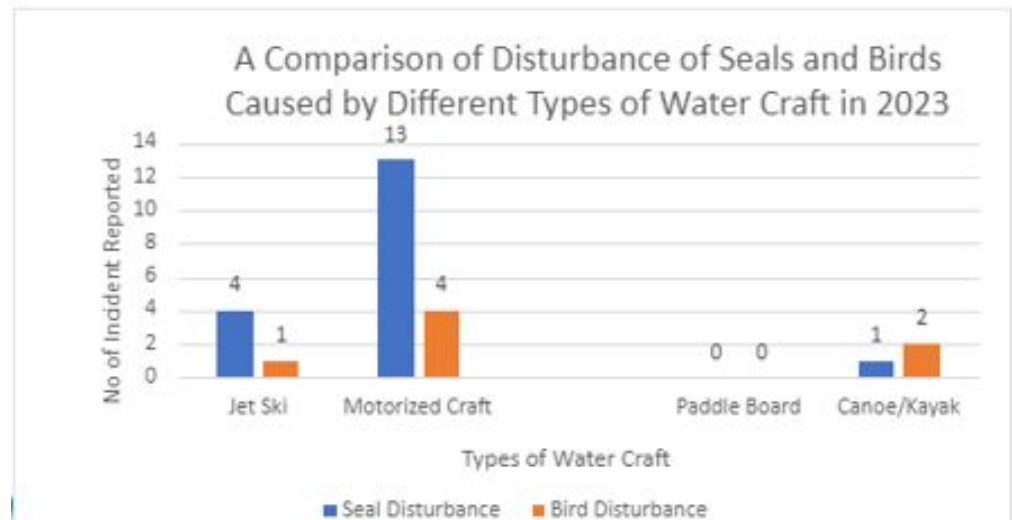
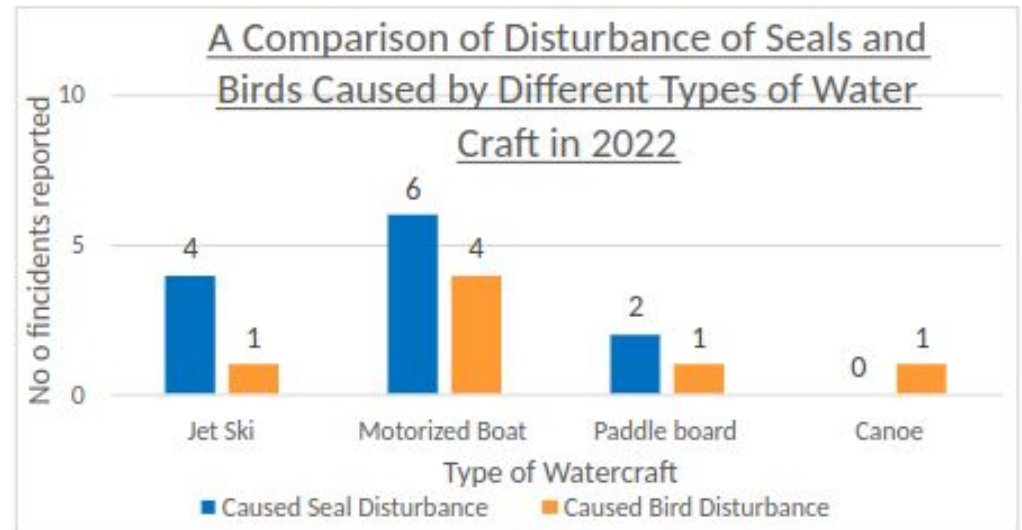
- Dog Walkers
- Walkers
- Motorized Watercraft



# Disturbance from Watercraft

- Useful for raising awareness amongst local councils and relevant authorities
- Supports the presence of council enforcement officers
- Supported Initiation of Operation Seabird

☹️ Evidencing disturbance is difficult as it requires a camera with a lens.





# Kite Surfing

## Kite Surfing at Pegwell Bay National Nature Reserve

Your coast is designated a Special Protected Area because it's an internationally important site for waders & wildfowl on migration & over-winter. This area is also part of Sandwich & Pegwell Bay National Nature Reserve.



### Please help in sharing the coast with our feathered friends by:

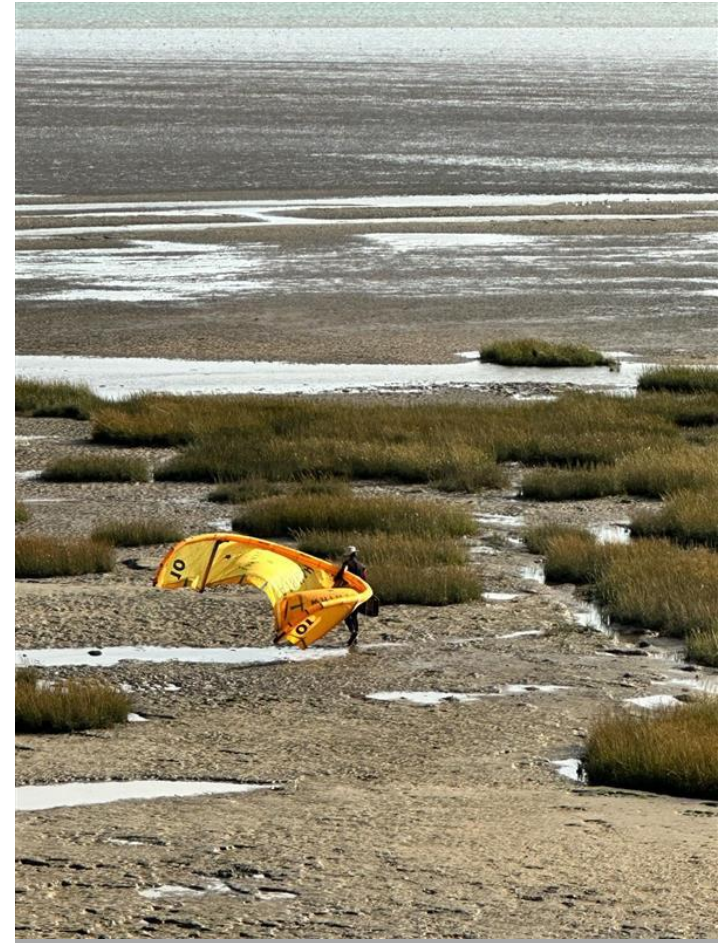
- Avoiding the roosting site highlighted on the map and launch from the mid to low tide launch site
- Waiting until you are well clear of the flats to launch your kite
- Giving the birds room when getting to the water (at least 100 metres)
- Watch the birds and if you see them stop feeding, calling out, or looking towards you. Slow your pace to give the birds a chance to move aside slowly
- If the birds start to move quickly. Stop and crouch down before changing your walking direction away from the birds and continue slowly
- Once launched stay clear of the shoreline by at least 100 metres
- Enjoy the coast and the wildlife



Breaches to this guidance can be reported here



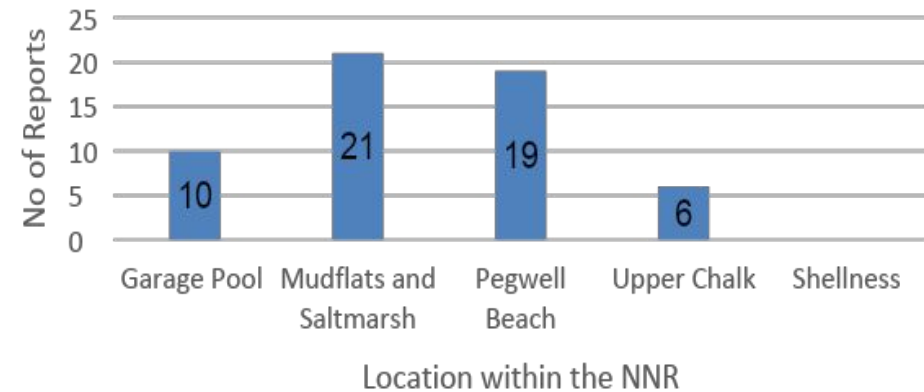
@BirdWiseUK



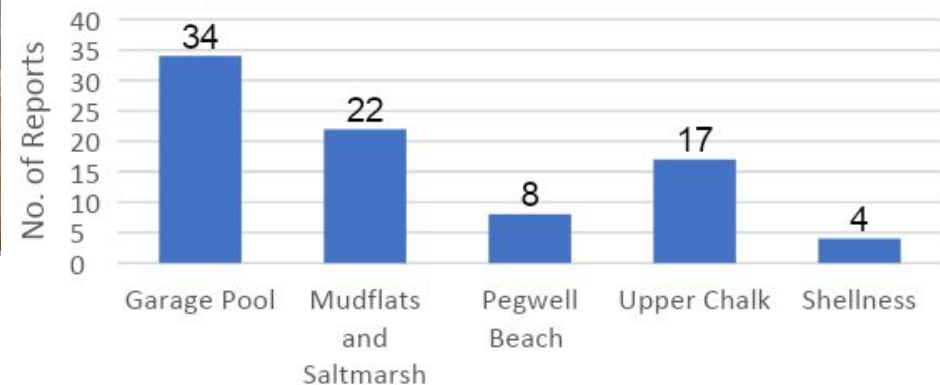
# Dog Walking



A Comparison of Locations at Which Breaking of a Dog PSPO Was Observed in 2023



A Comparison of the Number of Reports of Disobedience to Dog PSPO's Across Different Parts of Pegwell and Sandwich Bay





# Operation Seabird

- 1st NE Kent Operation
- Several Weekends  
During Summer  
Holidays
- Jet Ski Banned from  
local waters



# GIVE SEALS SPACE and...

## DID YOU KNOW?

We are lucky in the UK to see both **grey seals** and **common seals**!

Common seal

Grey seal

Seal pup

**PLEASE DO NOT DISTURB**

## WHAT IS DISTURBANCE?

Disturbance is a change in an animal's natural behaviour caused by people

## DISTURBANCE IS BAD FOR A SEAL AS IT:

- Interrupts their rest
- Causes stress
- Wastes energy
- Can result in injury or death

Seals need to rest on land to digest, socialise and feed their pups, so please leave them there

#RespectTheNap

Stay out of sight: Seals in the sea close to shore may want to haul out

If a seal makes a big splash 'crash dive' it shows they are distressed

Put Seals First

#UseYourZoom

## DO KEEP: 👍

- WELL AWAY: use your camera or binoculars
- QUIET: so seals can't hear us
- DOWNWIND: so seals can't smell us
- OUT OF SIGHT: so seals can't see us
- DOGS: under control on leads
- LITTER: take it home

## Signs of Seal Disturbance

We have disturbed a seal if it is looking at us

Back off to avoid it moving away

Seals injure themselves if we scare them into the sea

## NEVER: 👎

- ✗ Get close to seals
- ✗ Fly drones near seals
- ✗ Feed wild seals
- ✗ Scare seals or put pups into the sea
- ✗ Copy the bad behaviour of others
- ✗ Take a seal selfie



## Give seals space

Pegwell Bay has sheltered waters that attract both grey and common seals throughout the year.

From where you are standing right now, you might be able to spot seals resting on the banks of the Stour. If you look closely, you might even be able to spot some pups nestled amongst them.

Seals are easily disturbed by the presence of humans. Even a seemingly small disturbance – such as getting too close to a seal – can:

- Force them to flee, resulting in stress, reducing energy and causing possible injuries
- Lead to the abandonment of dependent pups
- Result in the death of pups and adults
- Reduce vital resting time

Please help us look after this reserve



No drone flying



No public access

There is no public access beyond this point – please do not go further than this sign.

## Who's who?

### Common seal

- Shorter, concave, dog-like muzzle
- Characteristic "banana" resting position
- Pups in the summer

### Grey seal

- "Roman" nose with parallel nostrils
- Grey seals are larger and can grow up to 2.7m
- Pups in the winter

## Did you know?

- Common seals have **40-50 whiskers**, each connected to 1500 nerves which are used to **detect fish up to 35m away**
- 40% of the world's grey seals live in UK waters**
- The latin name for grey seals, *Halichoerus grypus*, means "hook-nosed sea pig"
- Grey seals can **dive to depths of 70m** and hold their breath for **15 minutes**

## What did you spot?

Share your pictures and follow us on social media @kentwildlife



To learn more about seals and how you can report disturbance, scan this QR code.

[kentwildlifetrust.org.uk](http://kentwildlifetrust.org.uk)

## New Signage

- A change of stance to highlight location of safe viewing point.
- General protocol to avoid highlighting haul out spots has failed to offer seals protection with more people accessing the water in order to view the rumored seals.
- More visitors now using the coast path to view seals, from locations where they can cause no harm.



# New Resources

- Leaflets
- Downloadable Posters
- New Webpages
- New update inserts

## What is seal disturbance?

Seals can be disturbed if people or dogs get too close, cause too much noise or startle them. Disturbance can happen from the land, sea and air.

A seal is aware of your presence if it is looking at you, whether on land or in the water. This means its flight or fight response has already been triggered. If a seal is panicked enough by a potential threat both pups and adults may try to flee, usually to the water. Causing seals to flee can result in:

- injuries such as cuts
- ripped out claws
- sand graze on flippers.
- A stampede leading to smaller individuals may be crushed.
- a surge of the stress hormone cortisol which is bad for their long-term health.

These disturbances all use up vital energy reserves. Disturbance impacts can be long term and affect a seal's chance of survival, even months later. Many young seals don't reach their second birthday, so lessening our impacts on them is key to their future survival. Luckily there are many ways we can avoid disturbing seals.



# Help us help seals!

If you are inspired by these amazing animals and want to help us lookout for wildlife, you can **join us as a member, donate, take one of our walking tours or purchase a seal adoption pack.**

### Advice for paddlers

Seals often show more signs of disturbance due to the presence of paddlers than motorised craft. This is because you can approach silently and without warning, so if you see a seal, please:

- Paddle slowly and steadily.
- Keep parallel to the shore when passing seals.
- Do not speak or make a noise.
- Maintain a constant speed and direction, do not stop.
- Do not get too close to seals, paddlers should try to keep a distance of 100m.
- If there are multiple paddlers they should bunch together within 300m to appear less threatening.
- Do not take a seal selfie.
- Do not try to feed or follow them.

### Pupping Season

In Kent, grey seals pup over winter and harbour seals pup in early summer.

If disturbed a pregnant seal may be unable to store enough fat to feed her pup or a seal that has recently given birth may abandon her young. In both instances it is likely the pup will die.

If a white-coated or small-mouthed pup is spotted, be aware that its mother may be nearby in the sea with a sightline to her pup. She could stay underwater for around 12 minutes, so she should be visible within 30. She will not return to feed her pup if she sees people or there is a strong scent of humans.

### What to do if you see a seal in distress

Should you have any concerns about a seal, please ring British Divers Marine Life Rescue on 01825 765546

### LEARN MORE

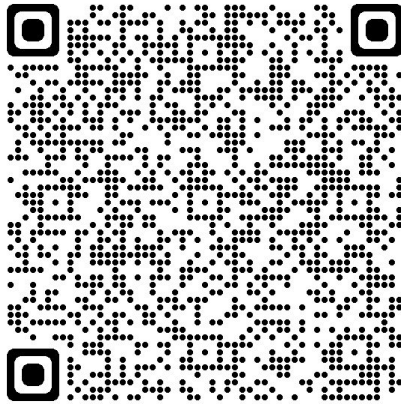
Find out more about how to watch seals safely and report disturbance by scanning the QR code

[kentwildlife.org.uk](http://kentwildlife.org.uk)

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# How to watch seals safely webpage

- Recognising Disturbance
- Report Seal Disturbance
- Download Posters



# Save our seals!



The UK is home to over a third of the world's grey seal population. A globally rare species resident in the UK, **grey seals are the equivalent of an African elephant**. What's more, harbour seals are in alarming decline.



## Seal behaviour

Seals can be curious animals, but are also easily frightened, and they are at their most vulnerable when on land. Getting out of the water takes a lot of energy, and it is important for their survival that they can rest.

For seals, being vigilant due to the presence of people has a metabolic cost, reducing energy and increasing stress levels. **Seals only spend 20% of their lives on land**, so seeing them out of the sea is a privilege. Seals can be picky about the sites they use, which is already limited due to development and the presence of people visiting the coast.

## SEAL DISTURBANCE CAN KILL

Seals only come onto land to breed, rest and digest their food. Flushing them back into the water reduces their ability to gain energy from their food and uses energy to return to the sea.

Repeated disturbance can seriously affect a seal's energy, and a seal may have many encounters with several people over one day. When seals are flushed into the sea, they may be injured from stampeding, gashing their bellies on sharp rocks, tearing skin on sand or ripping out claws.

## DID YOU KNOW?

It is unusual to encounter more than 10 seals in the sea. They may have already seen you and, as a result, been flushed out to sea.

## What does disturbance look like?

Seals may appear in control of encounters and they may be very curious about you but avoid staying in their company for too long as you may distract them from their feeding, digesting, sleeping or traveling routine.



## Happy seal

Signs of a happy seal include sleeping and not looking in your direction.

## Worried seal

If a seal raises its head and repeatedly looks at you, you're too close and you have disturbed it. Back away slowly and quietly, out of sight.



## Disturbed seal

If seals in the sea are agitated, they may dive, making a significant splash at the surface, or just disappear, having been displaced by you.



## LEARN MORE

Find out more about how to watch seals safely and report disturbance by scanning the QR code



[kentwildlifetrust.org.uk](http://kentwildlifetrust.org.uk)

Registered Charity No. 239992



# Support for Campaigns

e.g. EFRA Report

## Government falling short on protecting marine mammals

31 October 2023



The Environment, Food and Rural Affairs Committee has today published the Government's response to its report, *Protecting Marine Mammals in the UK and Abroad*.



House of Commons

Environment, Food and Rural  
Affairs Committee

## Protecting Marine Mammals in the UK and Abroad

Sixth Report of Session 2022–23

*Report, together with formal minutes relating  
to the report*

*Ordered by the House of Commons  
to be printed 20 June 2023*





# Wilder Coast Volunteer Team Continues

- Eyes of the Bay
- Report of Disturbance Incidents
- Trained in Conflict Resolution
- Local Residents





# WISE Accreditation Scheme

[www.wisescheme.org](http://www.wisescheme.org)



- The UK national training scheme for minimising disturbance to marine wildlife
- Deliver training/accreditation to operators of registered passenger and charter vessels who wish to view marine wildlife responsibly;
- Deliver training/accreditation to professional practitioners involved in coastal/inter-tidal adventure activities



# Future Objectives

- Aim to plan Operation Seabird events ahead of time for busy summer days e.g. bank holidays
- Support from council enforcement officers and PCSO's to lead on engagement regarding incidents of major seal disturbance
- Develop means of collating data on how the public view Pegwell Bay NNR.
- Seal watching area turned into a viewing point
- Continue to reach out to community groups, particularly new families moving to the area



Russ Miles



# Collaboration is The Key



Thanet  
Coast  
Project



# Thank you for listening



[kentwildlifetrust.org.uk](http://kentwildlifetrust.org.uk)



[@kentwildlife](https://twitter.com/kentwildlife)



[Nina.jones@kentwildlife.org.uk](mailto:Nina.jones@kentwildlife.org.uk)



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MARGATE  
COASTAL  
P A R K

MANCHESTER SCHOOL  
OF ARCHITECTURE



Arts and  
Humanities  
Research Council



the  
DESIGN  
MUSEUM

Design Exchange Partnerships







MARGATE COASTAL PARK - EAST  
© 2023 Google / TERRACONCEPTS



MARGATE COASTAL PARK - CENTRAL  
© 2023 Google / TERRACONCEPTS



MARGATE COASTAL PARK - WEST  
© 2023 Google / TERRACONCEPTS



# Take Shelter

*Free, Open to All*

Afternoon Tea  
2 - 3pm

Walpole Bay Shelter  
5th Avenue



Coastal Wander  
12 - 2pm

Three miles from  
The Sunken Gardens  
to Walpole Bay



Morning Coffee  
11am - Midday

The Sunken Gardens  
Royal Esplanade  
Westbrook



*Join ZeroMargate  
for discussion, wander and picnic, exploring*

# Climate Change

*in Margate on Saturday 20th May 2023*























WHAT ARE  
THE MEANINGFUL  
PLACES FOR YOU  
IN MARGATE AND  
ITS COST. LINE?

The crazy golf plot opposite Daffy Sq. has wild flowers that should be kept to some extent.

more signall to bring  
some people up to  
Cliffville is  
- talking distance to  
some towns  
has to be a map with  
radii  
- legend with tangent  
option - with like

Soft life saving  
lessons for young  
people  
- Lifeguard clubs  
"nippers"  
Growth we gain from the  
sea

~~Pedestrians~~  
Pedestrian-DC  
Old town ~~city~~  
~~community~~

Ecotourism  
Secure (N. Police)  
Valuable Asset  
Excellent in  
Reluctant to Drive  
Brilliant  
Kide Nalg  
Solar  
21 10-16  
21 10-16  
21 10-16

Market Close to  
oil town to bring  
more people up to  
C1 (Midway)  
- East of LPO  
- East of Wagoner  
Food/Grocery produce  
market.

- It would be lovely to have a place to remember / feel / sensory
- Use of shells, and local stones learning boards

- triathlon style race.
- magenta number
- general sporting events.
- advertised smiling

more beach toy  
bins + ~~Advertising~~  
Advertising at  
Train Station  
+ ~~Residential~~

WHAT ARE THE PLACES  
YOU WOULD LIKE TO SEE  
CHANGED AND CARED FOR?

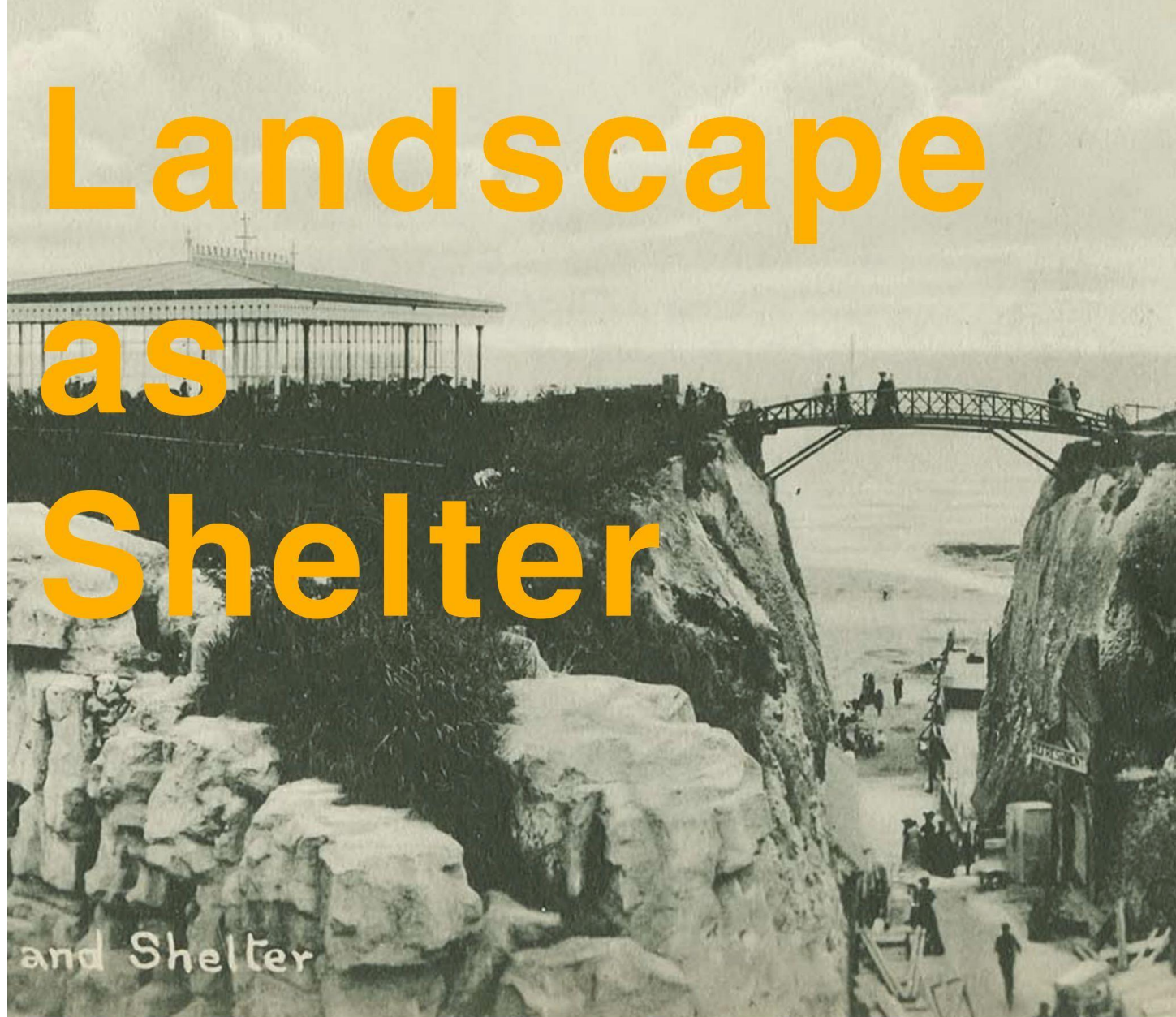
4 sources of stressors many  
The adobe: volume, frequency  
local sympathetic + wh  
activities, police force  
Plasma workers +











Design Exchange Partnerships







# Landscape as Shelter



**MANCHESTER SCHOOL  
OF ARCHITECTURE**



Arts and  
Humanities  
Research Council



the  
**DESIGN  
MUSEUM**

Design Exchange Partnerships







Design Exchange Partnerships







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Design Exchange Partnerships







*Photo Mr. R. Temple, Westgate-on-Sea.*

THE DAMAGED SEA-WALL, ST. MILDRED'S BAY, WESTGATE-ON-SEA.



*Photo Mr. R. Temple, Westgate-on-Sea.*

THE DAMAGED SEA-WALL PROMENADE, ST. MILDRED'S BAY, WESTGATE-ON-SEA  
THE SEA WASHING OVER THE COLONNADE AT RAMSGATE.

THE GREAT GALE: HAVOC AT WESTGATE-ON-SEA AND RAMSGATE.





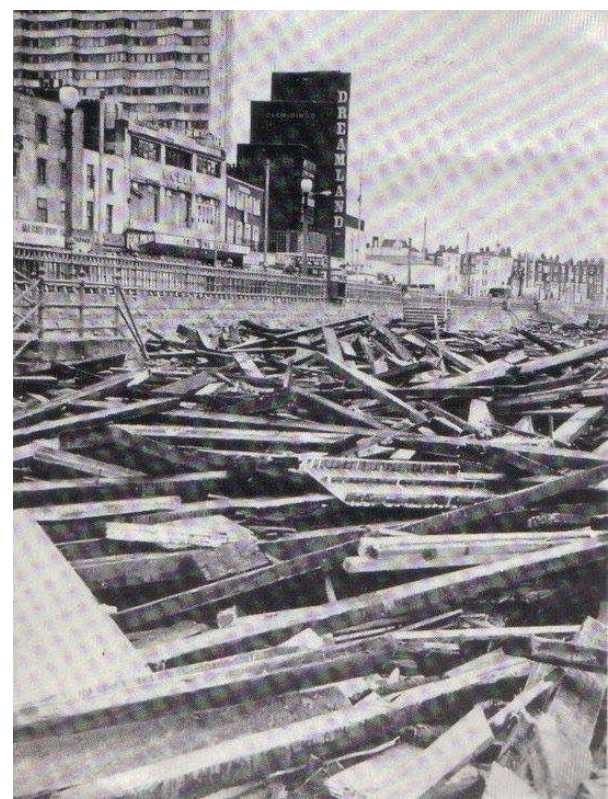
1897



1897



1953



1978





# LANDSCAPE AS SHELTER

© 2023 ZeroMargate / STUDIO SAM CAUSER LTD





### 1 - STOUR ESTUARY

#### The River Stour Estuary

The navigable River Stour flows into Pegwell Bay depositing silt into the estuary. The tidal sand bank becomes marshland, industry & nature reserve. A direct line can be drawn from sea to building from wet to dry from north-east to south-west: 1) Sea 2) Tidal Marsh 3) Flood-plain 4) Playing Field 5) Car Parks 6) Industrial Building.



### 2 - PEGWELL BAY

#### Pegwell Bay Nature Reserve

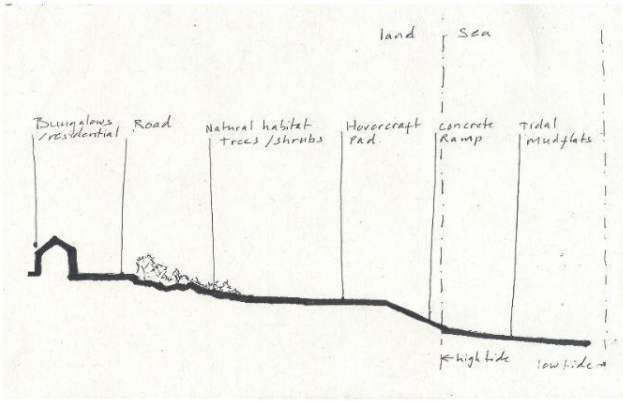
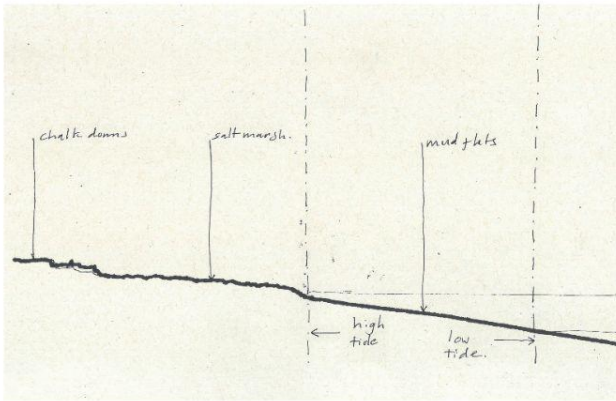
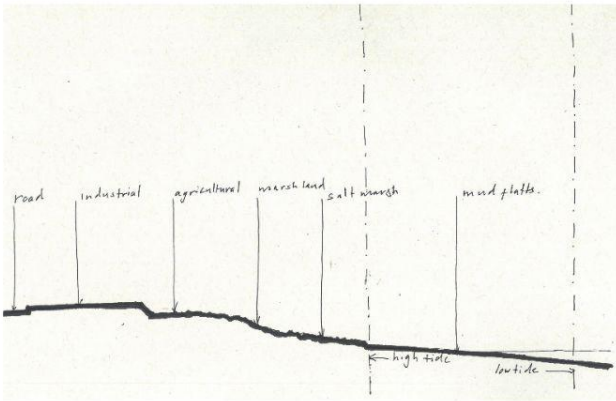
A stopping point for migrating birds. The tidal sandbank becomes marshland, a Nature Reserve managed by the Kent Wildlife Trust. High and low tide grazing. Again a line can be drawn from wet to dry from sea to agriculture through layers of water management and height above sea-level.



### 3 - PEGWELL BAY

#### Former Hovercraft Port

Although the hoverport closed in 1987, the concrete landing ramps and pad remain a significant feature on the landscape, now being reclaimed by nature as part of the Nature Reserve. The main coastal road has been superseded by a new bypass further inland and is now reserved for local traffic.



## LANDSCAPE AS SHELTER

© 2023 ZeroMargate / STUDIO SAM CAUSER LTD



18 - BOTANY BAY

Steps down an Historic Gap, with Toilets and a Snack Shop



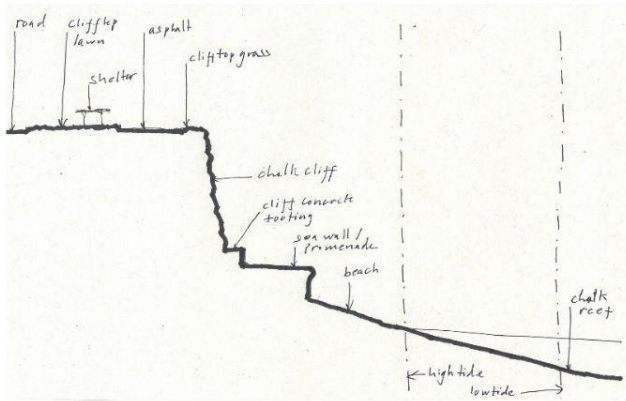
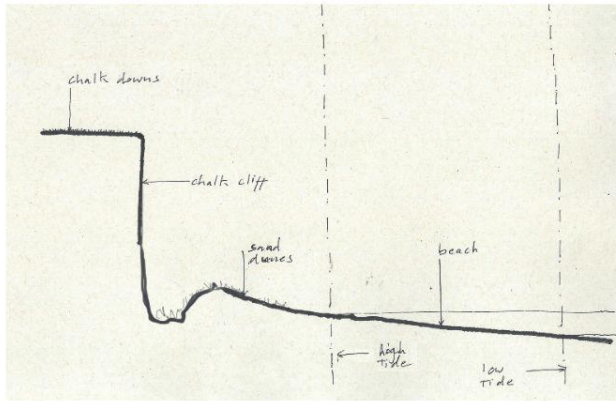
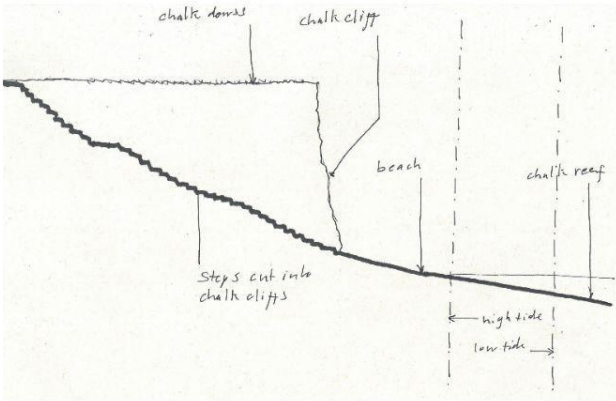
19 - BOTANY BAY DUNES

Sand builds up with Plants Taking Hold



20 - PALM BAY

A Shelter on the Headland in a Sea of Cut Grass



# LANDSCAPE AS SHELTER

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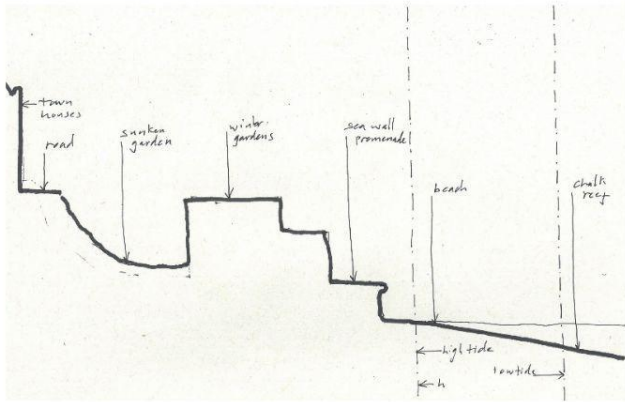
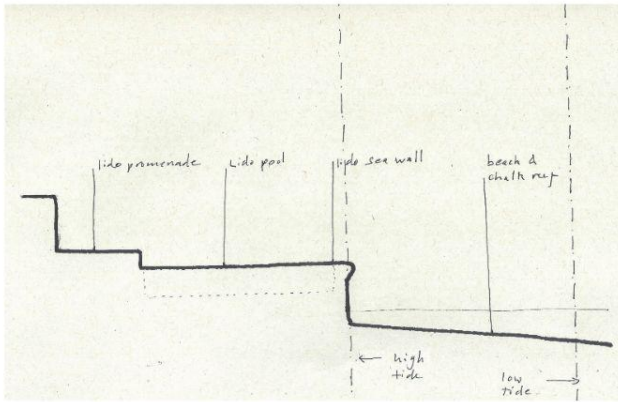
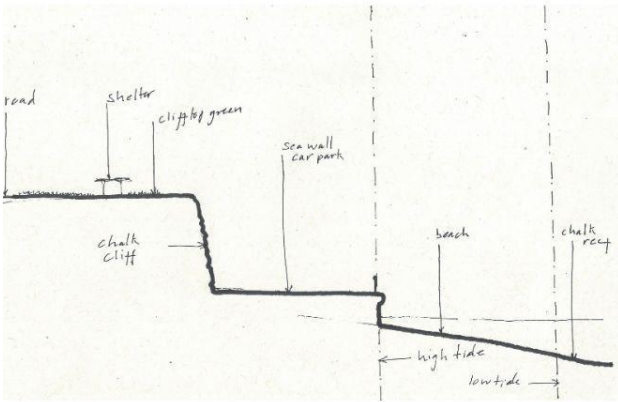
21 - WALPOLE BAY  
Concrete Defence around Chalk Promontory and Gap



23 - CLIFTONVILLE LIDO  
Layers of Development of Spa History



24 - MARGATE WINTER GARDENS  
An Early c20th Concert Hall Cut into the Cliff



# LANDSCAPE AS SHELTER

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INTERIOR, NEW PAVILION & WINTER GARDEN,  
CLIFTONVILLE, MARGATE.

MARGATE WINTER GARDENS  
1912





MARGATE WINTER GARDENS & CLIFTONVILLE  
1922

© 2023 AEROFILMS COLLECTION, HISTORIC ENGLAND











End of short presentations! Now, pp72-89 the

# MAIN PRESENTATION





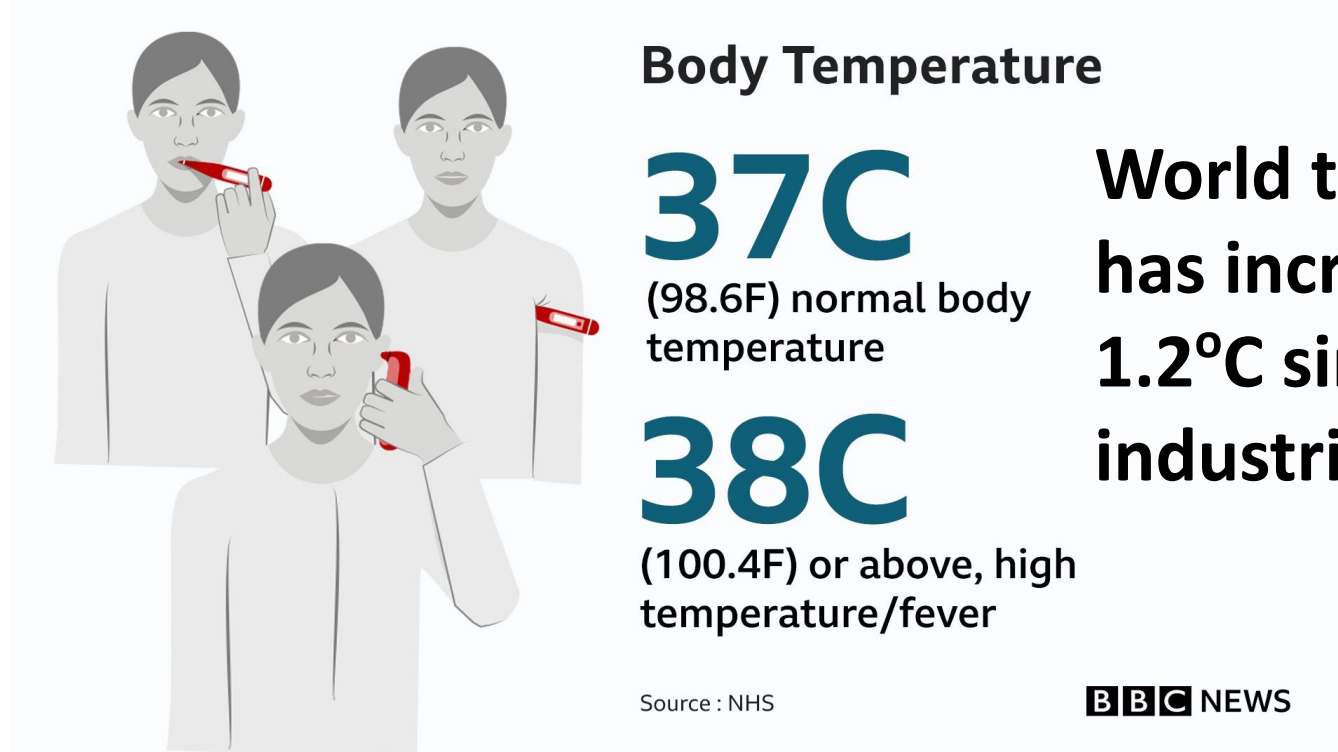


# Climate Change

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DR HANNAH SCOTT

# What temperature increase means you have a fever?



**The world has a fever**

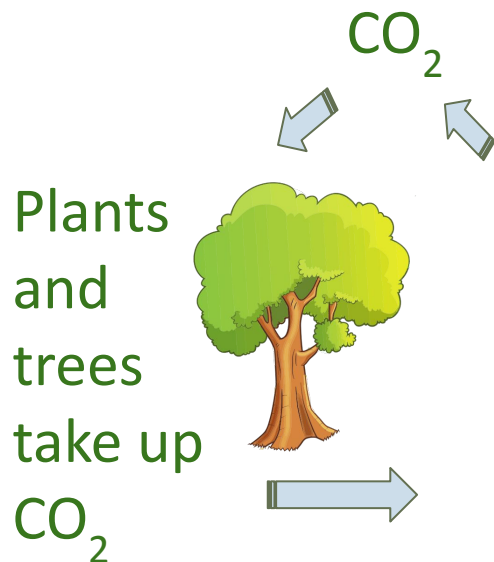


# CO2 levels



# How has this happened?

## Balanced CO<sub>2</sub> cycle



Humans and animals eat the plants for energy. Humans burn the trees for heat and use the wood for shelter.

## Unbalanced cycle causing climate change

**Fossil fuels are stored CO<sub>2</sub> produced millions of years ago. Humans started to dig this up and burn it for energy. Massive increase in CO<sub>2</sub>**





# Where does CO2 come from?

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Burning Natural Gas:

When heating the air or water in our homes.

When cooking on a gas stove.

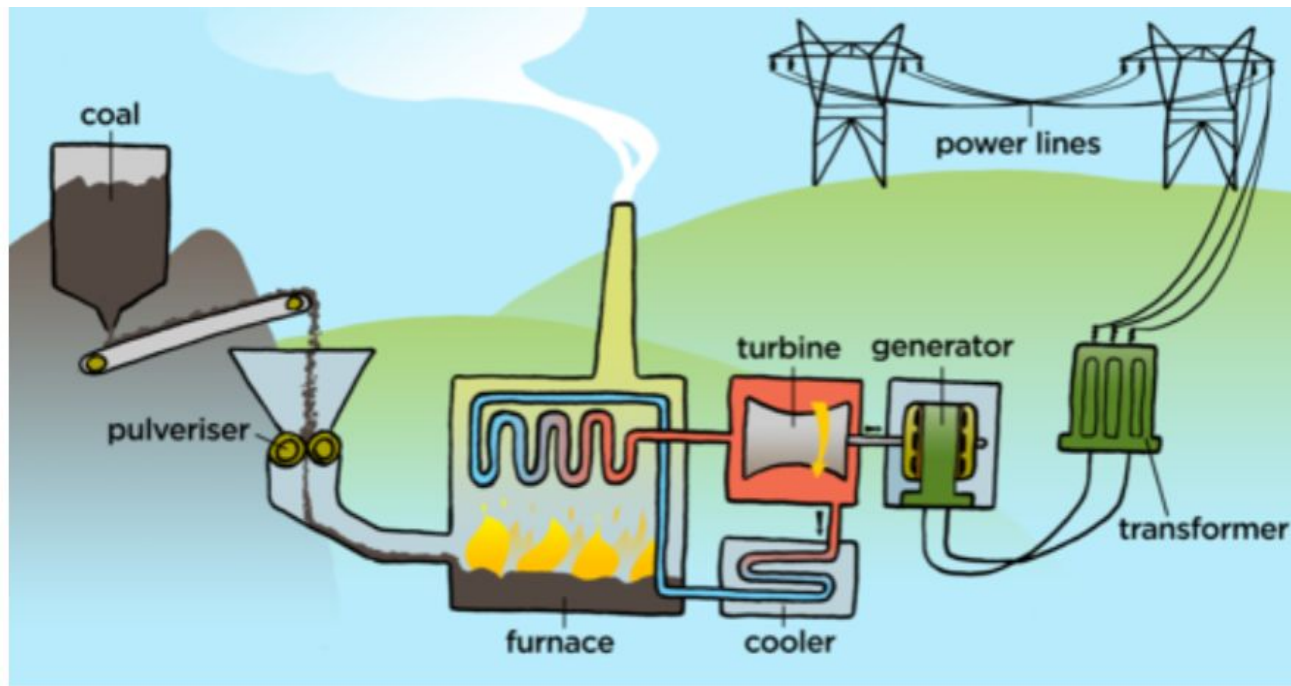


Burning petrol/diesel (from oil) in  
cars/vans



# Production of electricity using fossil fuels

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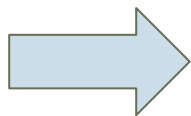
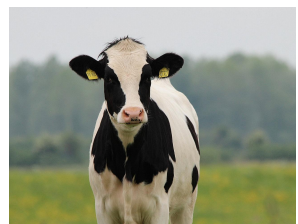
We need to stop using fossil fuels and instead create electricity using wind or solar.



# Methane and land clearance

## Balanced GHG cycle

Low levels of meat and dairy consumption



## Unbalanced cycle causing climate change

High levels of meat and dairy consumption: increased methane production.

Increased land clearance to for products, cattle and to produce animal feed



**Over consumption of stuff in general is also driving climate change**

# What are the likely impacts of climate change?



- Heat waves and droughts
- Extreme storms and flash flooding
- Food system shortages
- Ecosystem disruption

Based on the [Met Office's UK Climate Projections \(UKCP\)](#) for the south east, by 2080

- summers are likely to be hotter by around 5°C to 6°C
- winters are likely to be warmer by around 3°C to 4°C
- summer rainfall is likely to decrease by 30% to 50%
- winter rainfall is likely to increase by 20% to 30%
- sea level rise is likely to increase by 0.8m.



# KCC Risk and impact assessment

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Link [here](#)

RISK	RATING	RECOMMENDATION
Heat leading to increased mortality.	High	Research priority
Overheating homes and public buildings causing productivity and health issues.	High	Research priority
Overheating of public spaces affecting health.	High	Research priority
Water scarcity and droughts affecting access to water.	High	Research priority
Increase in flood risk impacting people's homes, businesses, health and social care facilities and access.	High	More action needed
Increased rates of coastal change particularly impacting vulnerable communities.	Medium	Research priority
Declining air quality affecting health.	Medium	Research priority

**Climate change is a public health emergency**

# 2020 news

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Australia: 28 people were killed, over 2,000 homes were lost. An estimated 1 billion animals were lost and one third of the entire koala population perished.





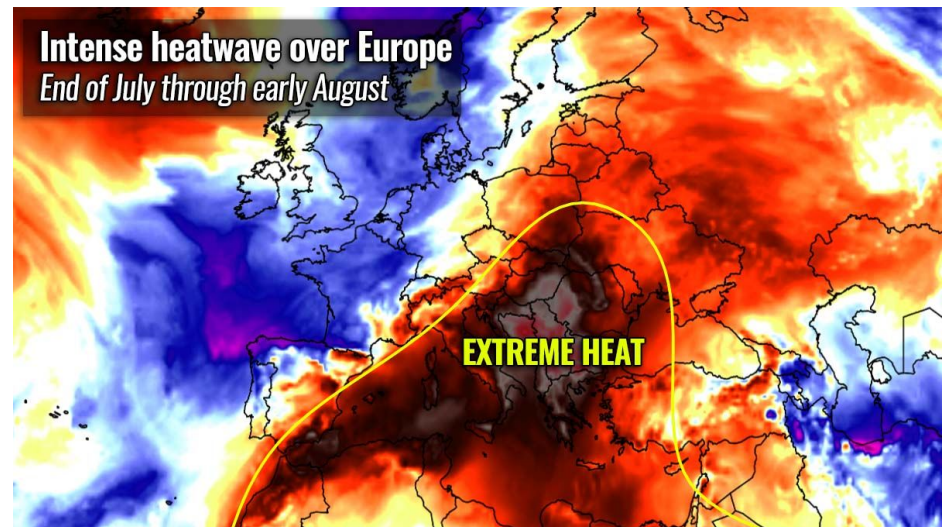
# 2021 news

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Two months' worth of rain in just two days leading to extreme flooding and approximately 200 deaths



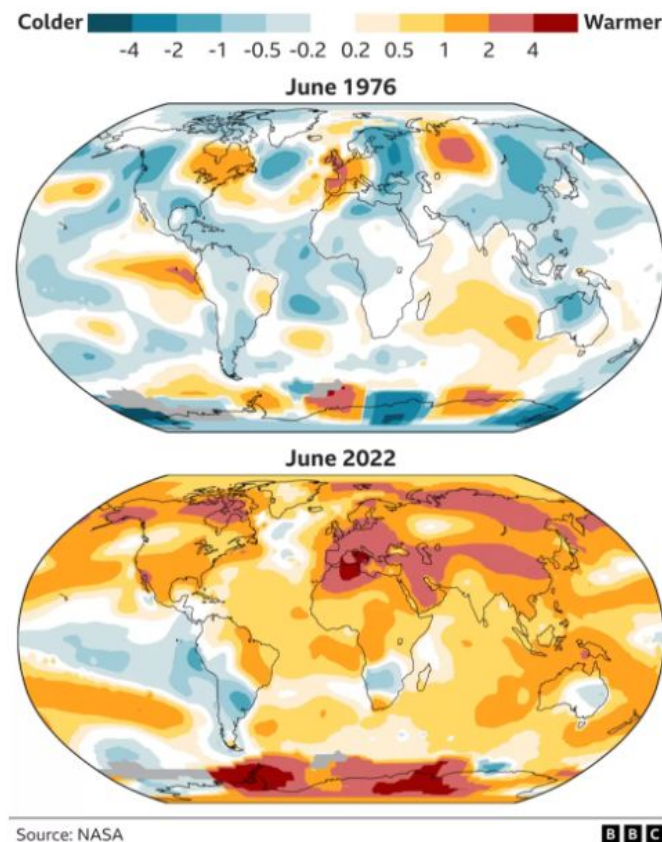
Greece - extreme heat wave.  
Fires in the country consumed five times as much land as they do in an average year.



# Heatwave of 2022

40.3°C in the UK

Plus a global increase in temperature



**2022 was the warmest year since records began in 1884**



# 2023

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March - second warmest March on record

June - hottest June on record

Vast wildfires in Canada and parts

Mediterranean including Greece, Italy and Spain.



July saw the hottest three-week period ever recorded; the three hottest days on record; and the highest-ever ocean temperatures for this time of year.

· [World Meteorological Organisation](#): “Exceptional heat and rain, wildfires and floods mark summer of extremes”

# UN secretary general

The era of global warming has ended and “the era of global boiling” has arrived”

“Climate change is here. It is terrifying. And it is just the beginning,”

“It is still possible to limit global temperature rise to 1.5C [above pre-industrial levels], and avoid the very worst of climate change. But only with dramatic, immediate climate action.”

Full speech [here](#).





# The answer is straightforward

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SMOKING → companies promoted as health giving → correct information → knowledge

CFCs → whole in ozone layer → stop using CFCs

Fossil fuels → CO<sub>2</sub> → global heatwaves, fires, flash flood and death → ?

**Stop using fossil fuels → renewable industrial revolution**

# Thanet District Council action

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- 2030 target
- Wider target



Thanet District Council

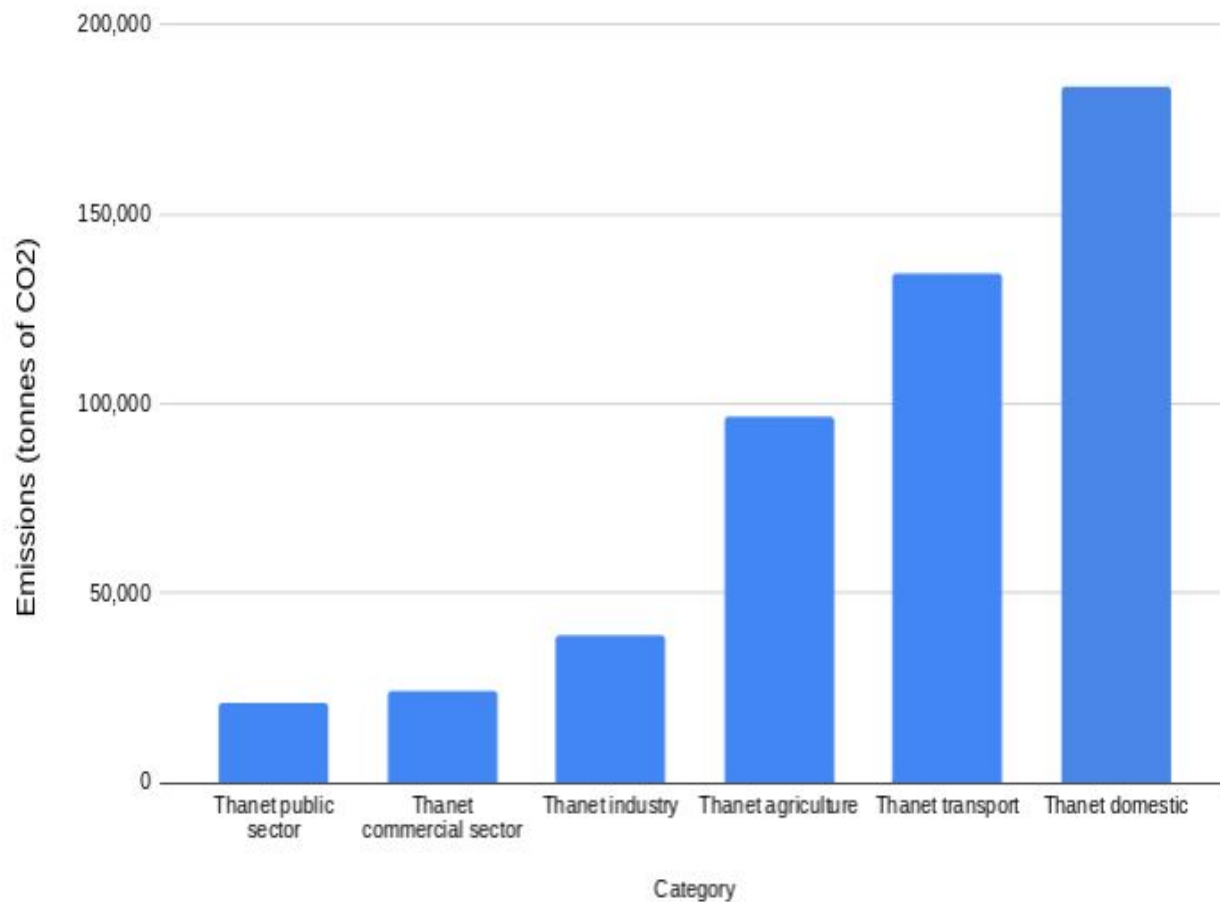
## **NET ZERO STRATEGY** 2023

[thanet.gov.uk/climate-emergency](https://thanet.gov.uk/climate-emergency)

FEBRUARY 2023



# Thanet wide emissions



# Six actions that will significantly reduce your carbon footprint

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Link to [Take the jump campaign](#)





# Coastal Wardens 'Feedback':



# Coastal Wardens

## 'Feedback':

### 1a) Best bits

11 responses

Meeting potential new Wardens. Keeping eye out on coast from Minnis Bay to Epple Bay.

Learning! Observing, helping the children on safari's.

Being on the beach

seashore safaris

Seeing the enthusiasm in the fellow volunteers at each event and also in the children and their guardians as they discover new aspects of wildlife on their doorsteps.

Seashore Safaris! 🦀 And meeting new volunteers 😊

Being able to share information

Seashore Safaris

Being part of the TCP Education team , meeting and engaging with the general public and especially all the children .

Just getting out into nature

taking notice of what's going on at the beach



# Coastal Wardens 'Feedback':

## 1b) Do better?

9 responses

Improve reporting system. See coastal signage continue to be clearer

Training that is not on a week day

Refresher meetings

refresher training on access to forms.

More group training sessions and opportunities to network

The feedback form

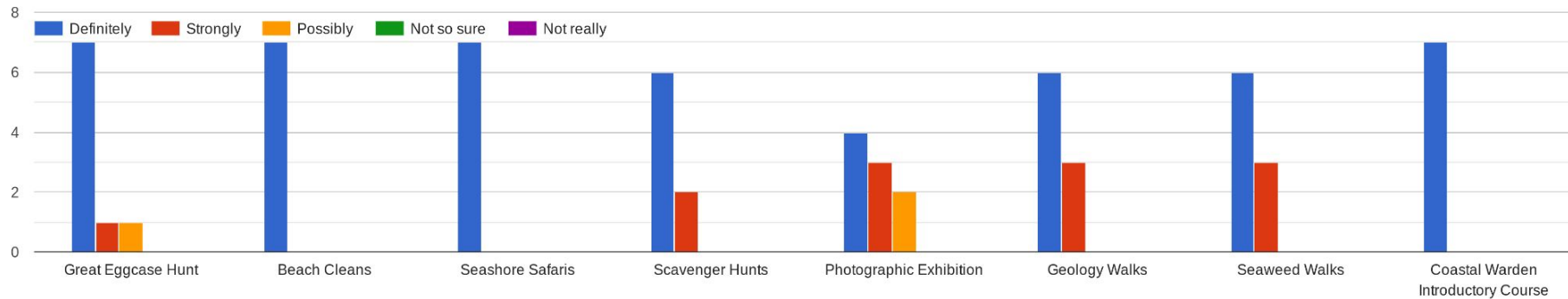
Improve notice of information eg forthcoming events or call out for volunteers . This would give volunteers more time to plan and possibly increase their availability etc Short notice impedes any planning.

More opportunity to get updates on any work , changes or progress on local areas

have a better survey form

# Coastal Wardens 'Feedback':

## 2a) Public Events



## 2b) New Events

7 responses

Develop public understanding of when bird life needs to be avoided.

School visits / engagement

making a video for presentations to schools and community

Perhaps more meetings with regulatory bodies to find out what they do and expect volunteers to do to help them.

Adult rockpooling

Fossil hunting for children. Simple "Geology Rocks" type walks for children. Bird walks for children. Walks and talks on local coastal insects and fauna & Flora. Childrens seaweed pressing sessions. Walk and talk about coastal photography, walk and talk with local archaeology team exploring coastal heritage.

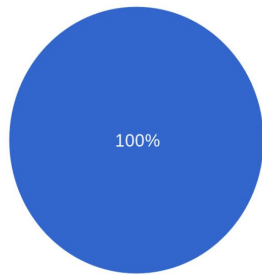
a walk for all wardens to join



# Coastal Wardens 'Feedback':

## 3a) Community Events

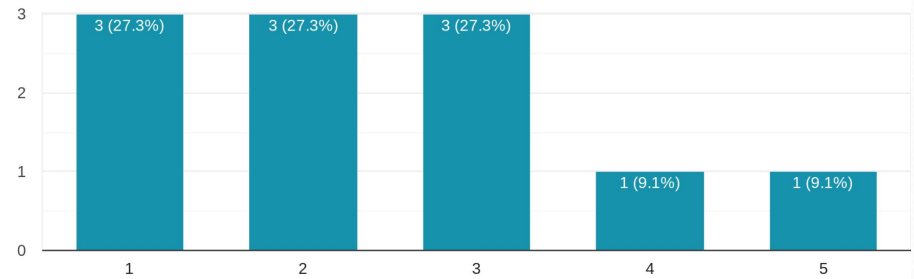
11 responses



● Yes  
● No

## 3b) Community help!

11 responses



## 3c) Comments

5 responses

The Coastal warden scheme is a vital & needs full support and financial support.

I would need more training and then I would be able to help

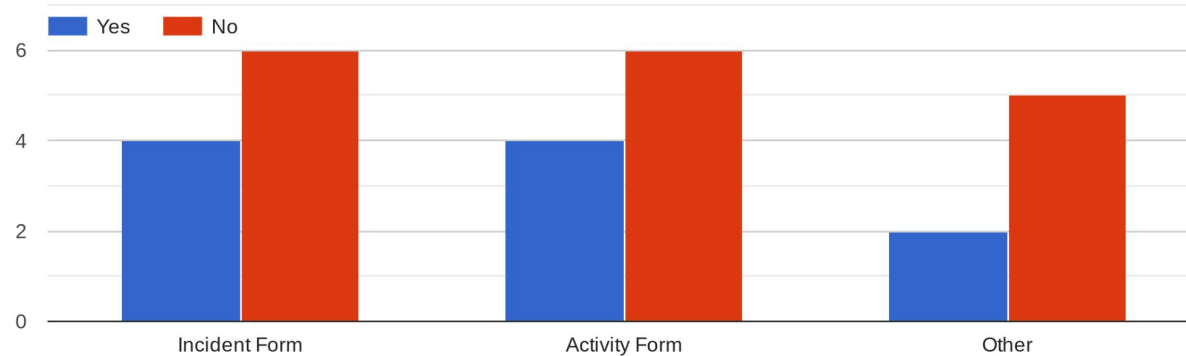
Events will need to be limited to resource available... need to be realistic

Improved advertising of public events with wider distribution. And a more efficient booking in system.

i think they're a good way of involving people but I'm not keen on being a volunteer for that

# Coastal Wardens 'Feedback':

## 4a) Survey Forms



## 4b) Form Comments

7 responses

Less complex. Better layout.

make less complicated

Activity form process not as easy as it used to be

The activity form is very cumbersome needs simplifying

Clearer format , where relevant and useful information is recorded. The form user needs to know why information is gathered and to whom it is of use .

Simple activity forms and instructions, the system needs to be able to be used on mobile phone.

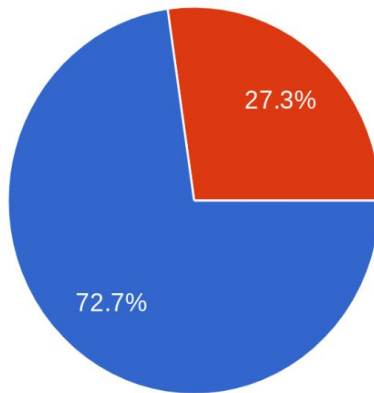
it is a difficult form, no need to keep saying no, or for the time of eaach activity, the start and finish has been recorded,



# Coastal Wardens 'Feedback':

## 5a) Anniversary Group

11 responses



● Yes  
● No

## 5b) Coastal Wardens 2024

6 responses

Will give thought as time submission for this survey is short.

Training skills.

Rockpooling & strandline practical sessions with id skills before seashore safaris to give confidence also more socials maybe a bbq on the beach to celebrate

Refresher training

Hands on workshop to ID local fossils . Walks & talks for wardens from local experts on geology, fossils, birdlife ,fish , flora and fauna, mammals etc Also if possible obtain simple reference information sheets from the experts on relevant items for wardens to use as teaching tools for school visits and public events .Information on local invasive species.ICoastal archaeology and heritage. Photography workshop, Seaweed pressing workshop and marine themed art ncluding craft/art and games for children.)Sea safety/RNLR,Night time safari.Coastal wardens introductory walk and talk of their adopted bays.Beach BBQ ( like in previous years) Invitation to wardens to participate in fun hands on SSS sessions .

maybe a couple of hours for wardens to get together on a beach, chat about the birds etc every so often wld be nice

2024:

- INNS / Coastbuster training?
- Geology or climate change indoor session?
- ?

# Coastal Wardens 'Feedback':

## 6) Your Skills

4 responses

...

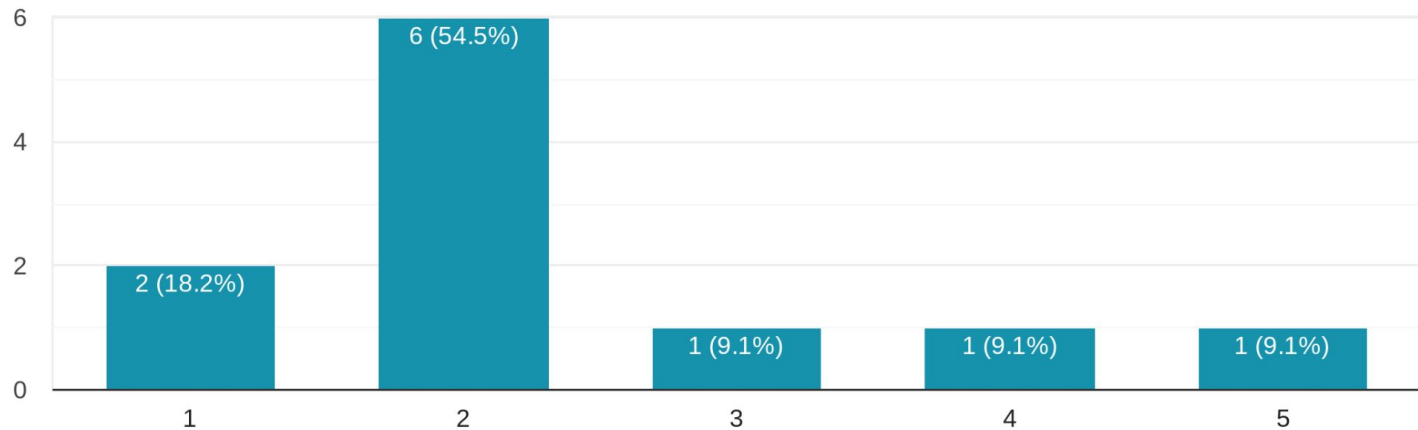
do not think so apart from knowledge gained on seashore events.

Creative /art background

Enjoy amateur photography.. Lot of hands on experience supporting coastal events( public & School)

## 7) Satisfaction:

11 responses





# Volunteering

The Thanet Coast Project events would not have been able to take place this year without your time and enthusiasm to support it!

# THANK YOU

for helping and being the 'eyes & ears' of the coast  
& helping with with surveys, monitoring, training  
or kindly donating your time to help run  
many public & community events



**'HUGE THANKS'**  
to all the speakers  
this evening  
(& to the helpers!)

## NETWORKING TIME with drinks & nibbles ...

