

MEETING THE CHALLENGE

Coastal developments increase the demand for land and artificial defences, putting valuable habitats under threat. Little is known about how our coasts will react to climate change. **BEACHES AT RISK** is helping to find the best solutions for our coastal towns and wildlife. These are some of the questions we want to answer.

If we rebuild our beaches, will they behave in the same way as natural beaches?

Can coastal wildlife adapt to change?



What will more violent storms mean for our beaches?

Do we have enough beach material left to protect our coast and will it last?



FURTHER INFORMATION

For more information about **BEACHES AT RISK**, please contact:

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PARTNERS

BEACHES AT RISK is a partnership between the University of Sussex (Project Leader), East Sussex County Council, Université de Rouen, Université de Caen and Université du Littoral.

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BEACHES AT RISK



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WORKING TOGETHER

BEACHES AT RISK is an exciting transnational project working to find a balance between coastal development and the wildlife and natural beauty that makes our coasts so important.

The Channel coasts of England and France share many of the same challenges but we manage them in different ways. We are working together to find the best solutions. By sharing information we can begin to understand how climate change and sea level rise will affect our coastline.



A RISING THREAT



Our climate is changing. The frequency and strength of storms is likely to change for the worse. On top of this, sea levels may rise by more than half a metre over the next century.



We go to great lengths to try and hold back the sea, building walls and groynes to protect our towns, even bringing in shingle from the seabed. Despite all this our beaches are wearing away.



A NATURAL HAVEN

The coast is a popular place to live, work and visit. The seaside is a major tourist attraction. Thriving ports and local industries such as fishing are vital to the economy and culture of channel coasts.



Our beaches are also important for wildlife. The coastline provides a haven for many plants and animals, so highly adapted to seaside life that they are not found anywhere else.

