



Coastal Change, Climate & Instability

–IWCCE, Isle of Wight Council, UK



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Project title

'Coastal change, climate & instability' (1997-2000) brought together experts in the fields of coastal, geotechnical and archaeological studies to investigate coastal change and the impacts of climate (and predicted climate change) on unstable coastal and mountainous areas across the European Union.

Objectives of the project

- To demonstrate the value of using archaeological (palaeo-environmental) evidence to predict the nature, scale and pace of coastal change.
- To study the relationship between rainfall, groundwater, erosion and instability, which will assist in developing a more reliable methodology for landslide forecasting and risk assessments in urban situations (both coastal and mountainous).
- To develop risk assessment advice and a code of practice for decision-makers, local residents and other interest groups within areas of urban instability.

Funding Stream

'Coastal change, climate & instability' was a 3-year project led by the Isle of Wight Centre for the Coastal Environment, UK, with 8 Partners in the UK, Italy, France and Ireland, supported by the European Commission's LIFE-Environment Programme (DG Environment):
LIFE 97 ENV/UK/000510



Impacts of landsliding & coastal erosion, Blackgang, Isle of Wight, UK



Cliff trimming to reduce risk of cliff falls, Shanklin, Isle of Wight, UK

Partners

- **Lead Partner:** Isle of Wight Centre for the Coastal Environment, Isle of Wight Council, UK
- Isle of Wight Archaeology & Historic Environment Service, Isle of Wight Council, UK
- Hampshire and Wight Trust for Maritime Archaeology, Southampton, UK
- University of Southampton, School of Ocean & Earth Science, UK
- The Discovery Programme, Dublin, Ireland
- IRPI Perugia, National Research Council, Italy
- University of Bordeaux 1, Dept of Geologie et Oceanographie; Institut de Prehistoire et de Geologie du Quaternaire
- BRGM, Land Use Planning & Natural Risks Division, Marseille, France

Outputs

- * Non-Technical Summary Report (*in English, French & Italian*)
- * Final Technical Report (*in English*)
- * Managing Ground Instability in Urban Areas - A guide to best practice (*non-technical, in English*)
- * A Preferred Approach to Instability in Urban Areas (*technical, in English & French*)
- * An International Conference on 'Instability – Planning & Management', held in Ventnor, Isle of Wight, UK, May 2002 (Proceedings Volume available from Thomas Telford Ltd.).

