

Appendix A

GLOSSARY OF TERMS

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APPENDIX A

(i) GLOSSARY OF TERMS

Beach Ridge

A nearly continuous mound of beach material that has been shaped by wave or other action.

Bedrock

Unweathered solid rock found beneath superficial mobile deposits.

Berm

A narrow shelf or terrace formed during maintenance work or by material thrown up on the beach by storm waves to make a horizontal shelf above the foreshore.

Critical Natural Capital

Those elements of the natural environment (habitats or species) whose loss would be serious, or which would be irreplaceable, or too difficult or expensive to replace in human timescales.

Constant Natural Assets

Those elements of the natural environment which are important, though not irreplaceable and which should be conserved overall, but not necessarily in their present positions.

Coastal Squeeze

The process by which coastal habitats and natural features are progressively lost or drowned, caught between coastal defences and rising sea levels.

Downdrift Effects

Impacts occurring in the lee of any coastal activity resulting from associated changes to the coastal processes, particularly sediment supply.

Environment

Where environmental issues are referred to, this term is used to encompass landscape/natural beauty, flora, fauna, geological or geomorphological features and buildings, sites and objects of archaeological, architectural or historical interest.

Flooding

Refers to inundation by water whether this is caused by breaches, overtopping of banks or defences, or by inadequate or slow drainage of rainfall or underlying groundwater levels.

Foreshore

The part of the shore lying between high and low water.

Geomorphology

The study of landforms and land forming processes.

Hinterland

The area extending landward from the upper limit of extreme wave and tidal activity.

Intertidal

The area between low water and high water mark.

Lithology

The composition, texture, colour and general characteristics of a rock.

Littoral Drift

The movement of material in a zone of surf running parallel to the seashore.

Management Unit

A length of shoreline with coherent characteristics in terms of coastal processes and land use.

Nearshore

The seabed area based on the limit of significant profile change as a consequence of storm action.

Ness

A headland or cape composed of mobile sediment (Benacre) or solid bedrock (Thorpeness).

Operating Authority

A body with statutory powers to undertake flood defence or coast protection activities, usually the National Rivers Authority or maritime District Council.

Overwash Deposit

Sediments that have been redeposited from the intertidal zone landward to the backshore/hinterland interface.

Promontory

A headland projecting into the sea.

Residual Life

The time scale for which any coastal defence is likely to remain effective.

Sediment Budget

A description of the movement of coastal sediments including their sources and sinks (areas of deposition).

Sediment Cell

A length of coastline and its associated nearshore area within which the movement of coarse sediment (sand and shingle) is largely self contained. Interruptions to the movement of sand and shingle within one cell should not affect beaches in an adjacent sediment cell.

Sediment Sub-Cell

A division of a sediment cell based on best available knowledge of long scale processes within that cell.

Shoreline

Interface between the land and sea.

Standard of Protection

The level of a defence required to provide the necessary protection for a particular return period event.

Strategic Coastal Defence Option

Generic term for any coastal management strategy eg do nothing, advance, retreat or hold the existing coastal defence line.

Strategy Line

The line that would result from the implementation of a strategy.

Sustainable Schemes

Schemes which take account of the inter-relationships with other defences, developments and processes within a catchment or coastal sediment cell or sub-cell, and which avoid as far as possible, tying future generations into inflexible and expensive options for defence.

ACRONYMS AND ABBREVIATIONS

AONB	Area of Outstanding Natural Beauty
CWS	County Wildlife Sites
EA	Environment Agency
MAFF	Ministry of Agriculture, Fisheries and Food
NNR	National Nature Reserve
OD	Ordnance Datum
PAGN	Project Appraisal Guidance Note
PV	Present Value
SAC	Special Areas of Conservation (re EC Habitats Directive - pSAC = proposed)
SAM	Scheduled Ancient Monument
SMP	Shoreline Management Plan
SPA	Special Protection Area (ie under the EC Birds Directive - pSPA = proposed)
SSSI	Site of Special Scientific Interest

Appendix B

REFERENCES

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REFERENCES

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Appendix C

**INFORMATION RELATING TO FLOOD LEVELS,
CHART DATUM & ORDNANCE DATUM**

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