

Appendix A

THE LATERAL APPROACH TO SHORELINE MANAGEMENT DECISION MAKING

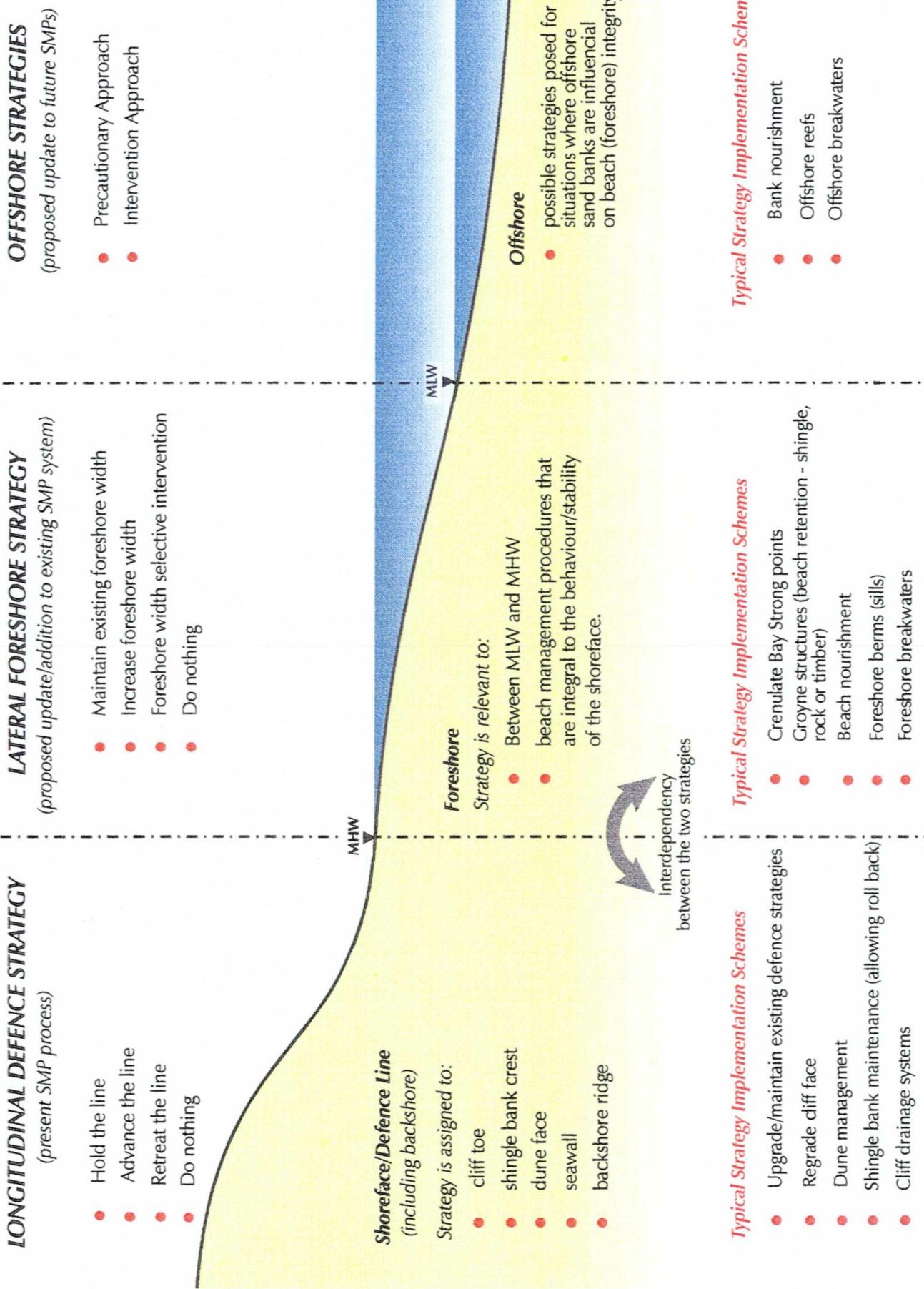
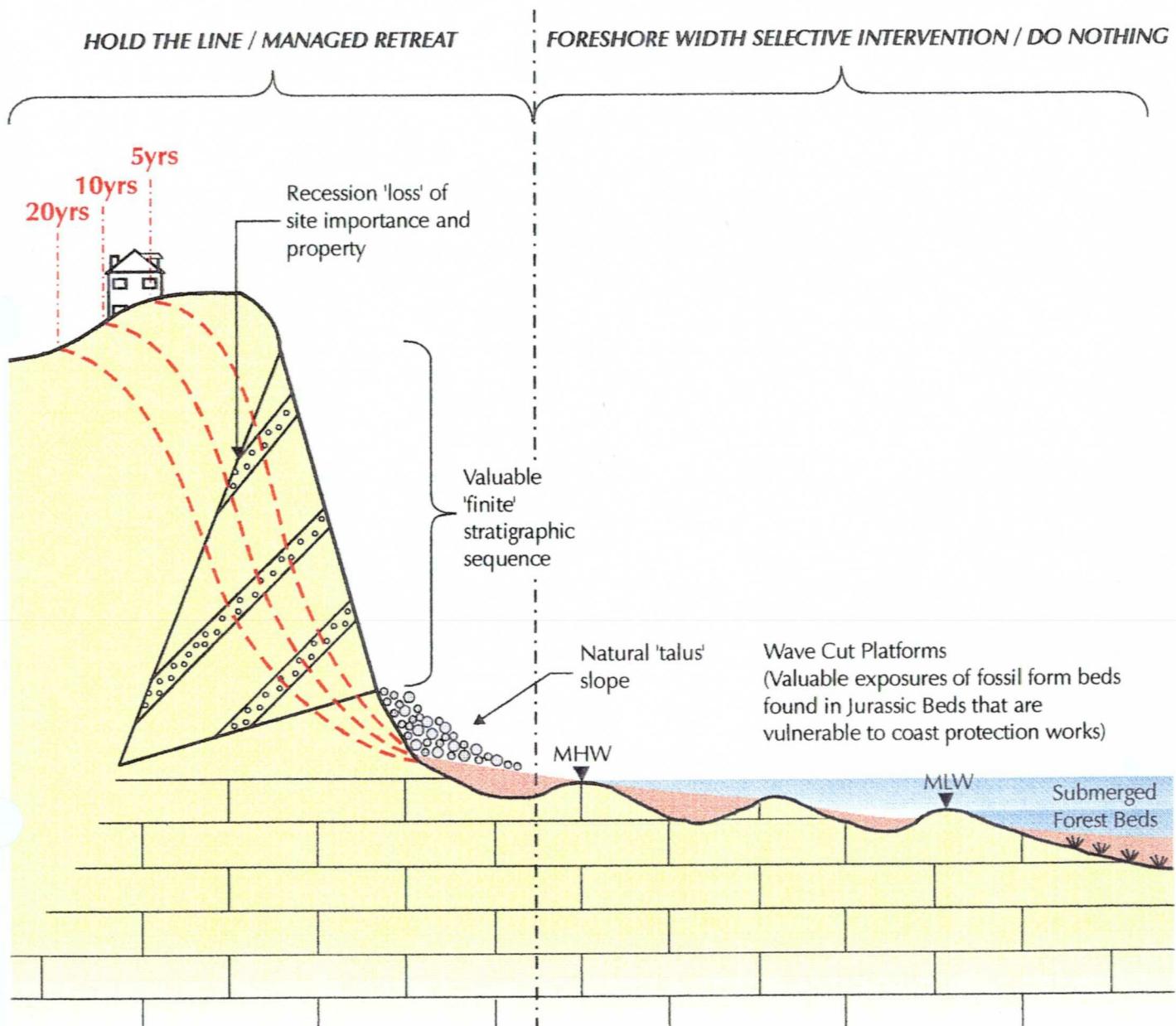


Figure 1

Figure 2

EXAMPLE OF THE PROBLEMS ASSOCIATED WITH A LATERAL STRATEGY APPROACH WHERE CLIFF AND FORESHORE GEOLOGICAL SITES OCCUR TOGETHER

PREFERRED STRATEGY OPTIONS AND PROBLEMS WITHIN A HYPOTHETICAL SMP



Strategy Implementation Solution

- Works which do not obscure exposures whilst preventing rapid erosion of a 'finite' geological exposure

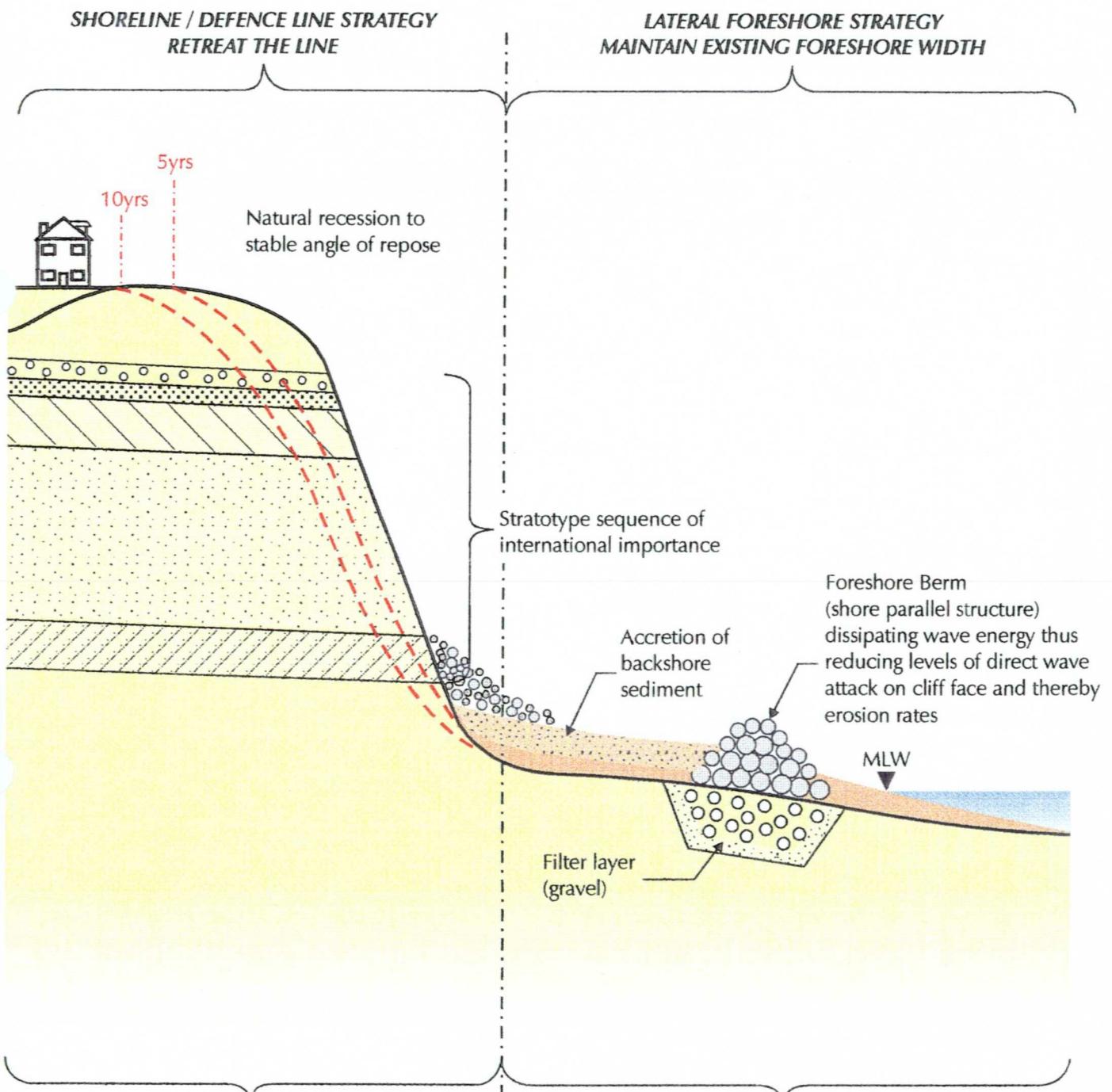
Strategy Implementation Solution

- Essentially 'do nothing' as the strategy title suggests as fossiliferous Jurassic beds are particularly vulnerable to any works.
- A Crenulate Bay Solution is recommended for important foreshore exposures

Figure 3

EXAMPLE OF THE BENEFITS OF A LATERAL STRATEGY APPROACH FOR COASTAL GEOLOGICAL CONSERVATION

PROPOSED STRATEGY OPTIONS



Strategy Implementation Procedure

- Retreat the line allowing natural cliff stabilisation to occur (ie:: cliff regrading)

Strategy Implementation Procedure

- Maintain Existing Foreshore Width by constructing a foreshore berm, particularly if adjacent coastlines downdrift are dependant on some amount of cliff material for beach integrity through littoral processes (ie: shore normal structure would reduce littoral drift)

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