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Autore	Bird Eric
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Disciplina	627.58
Soggetti	Coasts Oceanography Geobiology Physical geography Coastal Sciences Biogeosciences Physical Geography
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1.Introduction -- 2. Causes of Beach Erosion -- 3. Responses to Beach Erosion -- 4. Beach Renourishment Principles -- 5. Beach Renourishment For Coastal Protection -- 6. Planning Considerations -- 7. Review of International Practices -- 8. Conclusion.
Sommario/riassunto	Beach renourishment is the restoration of beaches that have been depleted. The text deals with the sources of beach sediment as well as the causes and typical responses to beach erosion, before discussion of beach renourishment. Some of the first documented renourishment projects were undertaken in the early 1900's on the east coast of the United States. Several countries have since renourished beaches, particularly during the past few decades. Most projects have been in the United States, the United Kingdom, some European countries and Australia. These are reviewed and experience from various beach renourishment projects used for discussion of the following topics: 1. The need for preliminary investigations 2. Sources of sediment for beach renourishment 3. Methods of beach renourishment 4. Design considerations 5. Monitoring changes after beach renourishment

6. Assessment of performance 7. Modelling of beach renourishment  
8. Beach renourishment for coast protection 9. Environmental impacts  
10. Costs and benefits 11. Response of renourished beaches to a rising  
sea level.

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