

Contents

1	Introduction	1
	R.K. Turner	
Part I Principles		
2	Conceptual Framework	11
	R.K. Turner, Marije Schaafsma, Laurence Mee, Michael Elliott, Daryl Burdon, Jonathan P. Atkins, and Tim Jickells	
3	Natural Sciences Modelling in Coastal and Shelf Seas	41
	Tim Jickells, Julian Andrews, Steve Barnard, Paul Tett, and Sonja van Leeuwen	
4	Valuation of Ecosystem Services	59
	R.K. Turner and M. Schaafsma	
Part II Practice		
5	Identification of a Practicable Set of Ecosystem Indicators for Coastal and Marine Ecosystem Services	79
	Jonathan P. Atkins, Daryl Burdon, and Michael Elliott	
6	Valuation of Coastal and Marine Ecosystem Services: A Literature Review	103
	M. Schaafsma and R.K. Turner	
7	Scenarios Explored with Delphi	127
	Paul Tett and Laurence Mee	
8	A Review of Marine and Coastal Ecosystem Services Data and Tools to Incorporate This into Decision-Making	145
	Justine Saunders, Nicola Beaumont, Jonathan P. Atkins, Aisling Lannin, Dan Lear, Ece Ozdemiroglu, and Tavis Potts	

Part III Case Studies

- 9 Linking Ecosystem Services of Marine Protected Areas to Benefits in Human Wellbeing? 167**
 Justine Saunders, Tavis Potts, Emma Jackson, Daryl Burdon,
 Jonathan P. Atkins, Emily Hastings, Olivia Langmead,
 and Steve Fletcher
- 10 Why Value ‘Blue Carbon’? 191**
 Tiziana Luisetti, R.K. Turner, Julian Andrews, Emma Jackson,
 Maria Giovanna Palmieri, Antara Sen, and Lucille Paltriguera
- 11 What Future for the English Coastline? Managed Realignment Benefits and Their Value Estimate Transferability 207**
 Tiziana Luisetti, R.K. Turner, Tim Jickells, Julian Andrews,
 Michael Elliott, Marije Schaafsma, Nicola Beaumont, Stephen Malcolm,
 Daryl Burdon, Christopher Adams, and William Watts
- 12 Jellyfish Blooms and Their Impacts on Welfare Benefits: Recreation in the UK and Fisheries in Italy 219**
 Maria Giovanna Palmieri, Marije Schaafsma, Tiziana Luisetti,
 Alberto Barausse, Amii Harwood, Antara Sen, and R.K. Turner