

European

MARINE BOARD

Advancing Seas & Ocean Science

**Sheila Heymans;
Joke Coopman;
Paula Kellett;
Britt Alexander;
Ángel Muñiz Piniella**

EMB Secretariat

Future Science Brief

Nº 5 April 2019

Valuing Marine Ecosystems

Taking into account the value of ecosystem
benefits in the Blue Economy



www.marineboard.eu

European
MARINE BOARD
Advancing Seas & Ocean Science

Austen MC, Anderson P, Armstrong C, Döring R, Hynes S, Levrel H, Oinonen S, Ressurreição A. 2019. Valuing Marine Ecosystems - Taking into account the value of ecosystem benefits in the Blue Economy, Coopman J, Heymans, JJ, Kellett P, Muñiz Piniella A, French V, Alexander B. [Eds.] Future Science Brief 5 of the European Marine Board, Ostend, Belgium. 32pp. ISBN: 9789492043696 ISSN: 4920-43696 DOI: 10.5281/zenodo.2602732

Recommendations

1. Include ecosystem valuation in marine management decision models
2. Promote harmonization of ecosystem services frameworks
3. Develop ecosystem services indicators to be included in monitoring programmes
4. Create open databases of marine ecosystem valuation study results
5. Enhance trans-disciplinarity – fundamental, social, economic, public health
6. Develop Natural Capital Accounting approaches
7. Set the right boundaries and scales



A rapidly changing climate due to formation and melting of vast amounts of ice floating on the Arctic Ocean's sea surface plays a central role in polar climate and the global ocean circulation pattern.

Fishermen in the Gulf of Gascogne, France (2016)