

Angel Borja

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Background: Marine Biology

Designation: marine integrated assessment and indicators

Generalist Competencies

- Ecology of marine ecosystems
- Effects of human activities on marine ecosystems

Specialist Competencies

- Marine Spatial Planning
- Ecosystem services and biodiversity
- Monitoring of marine waters and recovery after impact
- European marine directives

Experience and professional memberships

Author of more than 250 publications, including 150 in international peer-reviewed journals, and after Science Watch from Thompson Reuters is one of the most-cited authors in the field of ecology and environment. Is Editor of *Frontiers of Marine Ecosystem Ecology*, *Journal of Sea Research*, *Continental Shelf Research* and *Revista de Investigación Marina*, and member of the Editorial Board of *Marine Pollution Bulletin*, *Ecological Indicators* and *Ocean & Coastal Management*. Referee in more than 65 international journals and project evaluation agencies. Member of different scientific associations (ASLO, CERF, ECSA). He has participated in more than 100 national, European and international projects, during past 32 years.

Recent selected publications:

- Borja, A., M. Elliott, J.H. Andersen, A.C. Cardoso, J. Carstensen, J.G. Ferreira, A.S. Heiskanen, J.C. Marques, J. Neto, H. Teixeira, L. Uusitalo, M.C. Uyarra, N. Zampoukas, 2013. Good Environmental Status of marine ecosystems: What is it and how do we know when we have attained it? *Marine Pollution Bulletin*, 76(1-2): 16-27.
- Borja, A., D.M. Dauer, A. Grémare, 2012. The importance of setting targets and reference conditions in assessing marine ecosystems quality. *Ecological Indicators*, 12(1): 1-7.
- Borja, Á., I. Galparsoro, X. Irigoien, A. Iriondo, I. Menchaca, I. Muxika, M. Pascual, I. Quincoces, M. Revilla, J. Germán Rodríguez, M. Santurtún, O. Solaun, A. Uriarte, V. Valencia, I. Zorita, 2011. Implementation of the European Marine Strategy Framework Directive: A methodological approach for the assessment of environmental status, from the Basque Country (Bay of Biscay). *Marine Pollution Bulletin*, 62(5): 889-904.
- Borja, A., M. Elliott, J. Carstensen, A.-S. Heiskanen, W. van de Bund, 2010. Marine management – towards an integrated implementation of the European Marine Strategy Framework and the Water Framework Directives. *Marine Pollution Bulletin*, 60(12): 2175-2186.
- Borja, A., D.M. Dauer, M. Elliott, C. Simenstad, 2010. Medium and long-term recovery of estuarine and coastal ecosystems: patterns, rates and restoration effectiveness. *Estuaries and Coasts*, 33(6): 1249-1260.