

BIODIVERSITY

NUMBER 5: Considering Biodiversity in Particular Receiving Environments and Regions

The Key Citations series was developed to provide a starting point for persons new to the various fields of impact assessment. The references provided are an indicative overview of the field and establish what might be regarded as the core literature. They include a selection of currently available textbooks published by commercial publishers, a selection of journal articles from the last 10 or so years, and key official documents. Some historically significant articles are also included. The means of determining key citations generally include consulting Scopus and Google Scholar and expert practitioners in the field. IAIA members contributing to this series acknowledge possible personal and regional bias and much difficulty in selecting only a few from among many excellent references in their fields.

INTRODUCTION

Key citations are intended to provide a starting point for people who are new to the various fields of impact assessment. The references give an indicative overview of the field and are intended to constitute "core literature." They include a selection of currently available textbooks published by commercial publishers, journal articles from the last 10 or so years, and key official or "scene-setting" documents. Some historically significant articles are therefore also included. The means of determining key citations generally include consulting Scopus and Google Scholar and expert practitioners in the field. IAIA members contributing to this series acknowledge possible personal and regional bias and much difficulty in selecting only a few from among many excellent references in their fields.

PLEASE NOTE

This Key Citations Series for Biodiversity and Ecosystem Services comprises six separate documents dealing with different, biodiversity- and ecosystem services-related topics of relevance to impact assessment at project and strategic levels.

Citations are given in chronological order, starting with the most recent publications.

MARINE ENVIRONMENT

Flora and Fauna International (FFI) (2017). Biodiversity and Ecosystem Services: Good Practice Guidance for Oil and Gas Operations in Marine Environments. FFI, Cambridge. www.fauna-flora.org

Hooper, T., O. Langmead & M. Ashley (2016). Chapter 11. Ecosystem Services in Marine Environmental Impact Assessment: Tools to Support Marine Planning at Project and Strategic Scales. In: Geneletti (2016).

Guerra, F., Grilo, C., Pedroso, N.M., & Cabral, H (2015). Environmental Impact Assessment in the marine environment: A comparison of legal frameworks. *Environmental Impact Assessment Review* pp 182-194

Dickie I, McAleese L, Pearce B and Treweek J (2013) Marine Biodiversity Offsetting – UK Scoping Study. Report to The Crown Estate. ISBN: 978-1-906410-44-5

CBD (2012). Background on the development of voluntary guidelines for the consideration of biodiversity in environmental impact assessments (EIAs) and strategic environmental assessments (SEAs) in marine and coastal areas. UNEP/CBD/SBSTTA/16/INF/16

FRESHWATER ENVIRONMENTS, WETLANDS

Finlayson, C. M., Everard, M., Irvine, K., McInnes, R. J., Middleton, B., van Dam, A. and Davidson, N. C., eds. (2017) *The Wetland Book, Volume I: Structure and Function, Management and Methods*. Netherlands: Springer. ISBN 9789048134939 [In Press] Available from: http://eprints.uwe.ac.uk/30138

URBAN BIODIVERSITY

Balfors, B., J. Azcarate, U. Mörtberg, M. Karlson & S.O. Gordon (2016): Chapter 8. Impacts of Urban Development on Biodiversity and Ecosystem Services. In Geneletti (2016).

Balfors, B. et al. (2005). Impacts of Region-Wide Urban Development on Biodiversity in Strategic Environmental Assessment. *Journal of Environmental Assessment Policy & Management* 7(2): 229-246.



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BIODIVERSITY KEY CITATIONS

BIODIVERSITY-INCLUSIVE IMPACT ASSESSMENT: REGIONAL GUIDELINES

Rajvanshi, A., V.B. Mathur & U.A. Iftikhar (2007). Best practise guidance for biodiversity-inclusive impact assessment. A manual for practitioners and reviewers in South Asia. http://people.exeter.ac.uk/rwfm201/cbbia/downloads/asi/Manual_Guidance_final.pdf

Brownlie, S., B. Walmsley & P. Tarr (2006). Guidance Document on Biodiversity, Impact Assessment and Decision Making in Southern Africa. http://biodiversityadvisor.sanbi.org/wp-content/uploads/2012/08/CBBIA-IAIA-Guidance-Document-on-Biodiversity-Impact-Assessment-and-Decision-making-in-SA.pdf



HISTORY

Compiled July 2004 by the IAIA Biodiversity Section. Updated September 2004.

Updated February 2010 by Helen Byron. Editors: Frank Vanclay (chair), Ilse Aucamp, Bill Ross.

Updated August 2017 by Jo Treweek, Susie Brownlie, and Roel Slootweg with inputs from members of the Biodiversity and Ecology Section.