

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.

RESILIENCE

Biggs, R. M. Schlüter, M.L. Schoon (eds). 2015. *Principles for Building Resilience - Sustaining Ecosystem Services in Social-Ecological Systems*. Cambridge University Press. <http://www.stockholmresilience.org/research/research-news/2015-04-08-seven-principles-for-building-resilience.html>

Resilience Alliance (2010). Assessing resilience in social-ecological systems. Workbook for practitioners. Version 2.0. <http://www.resalliance.org/resilience-assessment>

BIODIVERSITY, ECOSYSTEMS, AND HEALTH

Horwitz, P. & M.W. Parkes (2016). Chapter 4: Scoping health impact assessment: ecosystem services as a framing device. In: Geneletti (2016).

Chivian, E. & A. Bernstein (2008) editors. *Sustaining Life: How Human Health Depends on Biodiversity*. New York: Oxford University Press, 2008. 542 pp. ISBN: 978-0-19-517509-7 <http://www.chgeharvard.org/category/biodiversity-and-human-health>

CLIMATE CHANGE AND BIODIVERSITY

Bulling, I. & J. Köppel (2016). Chapter 13. Exploring the Tradeoffs Between Wind Energy and Biodiversity Conservation. In: Geneletti (2016).

Kolhoff, A. & B. Barten (2015). Climate-robust development and the use of EIA and SEA. Views and Experiences of the Netherlands Commission for Environmental Assessment <http://api.commissiemi.nl/docs/mer/diversen/views-experiences2015.pdf>

European Union (2013). Guidance on Integrating Climate Change and Biodiversity into Environmental Impact Assessment. <http://ec.europa.eu/environment/eia/pdf/EIA%20Guidance.pdf>

Richards, M. and Panfil, S.N. (2011). Social and Biodiversity Impact Assessment (SBIA) Manual for REDD+ Projects: Part 1 – Core Guidance for Project Proponents. Climate, Community & Biodiversity Alliance, Forest Trends, Fauna & Flora International, and Rainforest Alliance. Washington, DC.



BIODIVERSITY KEY CITATIONS

ECOSYSTEM SERVICES

- Berghöfer, A., Brown, C., Bruner, A., Emerton, L., Esen, E., Geneletti, D., Kosmus, M., Kumar, R., Lehmann, M., Morales, F.L., Nkonya, E., Pistorius, T., Rode, J., Slootweg, R., Tröger, U., Wittmer, H., Wunder, S. & van Zyl, H (2016). Increasing the Policy Impact of Ecosystem Service Assessments and Valuations. Insights from Practice. UFZ, Leipzig, and GIZ, Eschborn, Germany. 31 pp. http://www.aboutvalues.net/data/about_values/increasing_impact_of_es_assessments.pdf
- Geneletti, D (2014). Integrating Ecosystem Services in Strategic Environmental Assessment: A guide for practitioners. UNEP Project for Ecosystem Services. <http://www.ing.unitn.it/~genelab/documents/GuidelineESintoSEA.pdf>
- Landsberg, F., Treweek, J., Henninger, N., Stickler, M. & Venn, O (2013). Weaving ecosystem services into impact assessment: a step-by-step method. World Resources Institute, Washington DC. http://www.wri.org/sites/default/files/weaving_ecosystem_services_into_impact_assessment.pdf
- Ruckelshaus, M., McKenzie, E., Tallis, H., Guerry, A., Daily, G., Kareiva, P., Polasky, S., Ricketts, T., Bhagabati, N., Wood, S.A. & J Bernhardt (2013). Notes from the field: Lessons learned from using ecosystem service approaches to inform real-world decisions. *Ecological Economics*, <http://dx.doi.org/10.1016/j.ecolecon.2013.07.009>
- OECD Development Assistance Committee (2008). Strategic Environmental Assessment and Ecosystem Services. <http://www.oecd.org/dac/environment-development/41882953.pdf>
- Slootweg, R. & van Beukering, P.L.H (2008). Valuation of Ecosystem Services and Strategic Environmental Assessment: Lessons from Influential Cases. Reports of the Netherlands Commission for Environmental Assessment. http://www.sevs.nl/reports_eng.htm.

HISTORY

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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.