



BIODIVERSITY

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.

The Biodiversity Section has produced the Principles for Biodiversity in Impact Assessment to promote its understanding of “biodiversity-inclusive” impact assessment.

- IAIA 2005. “Biodiversity in Impact Assessment,” IAIA Special Publications Series No. 3. Available from www.iaia.org/publicdocuments/special-publications/SP3.pdf

Many outputs were produced as part of the IAIA Capacity Building for Biodiversity in Impact Assessment project (CBIA-IAIA). Access from www.iaia.org/special-projects/cbbia.aspx. Significant papers include:

- Brownlie, S., Walmsley, B., & Tarr, P. 2009. *Guidance Document on Biodiversity, Impact Assessment and Decision-Making in Southern Africa*.
- Rajvanshi, A., Mathur, V.B. & Iftikhar, U.A. 2007. *Best Practice Guidance for Biodiversity Inclusive Impact Assessment: A Manual for Practitioners and Reviewers in South Asia*.
- Society for the Protection of Nature in Lebanon 2005. *Biodiversity Manual: A Tool for Biodiversity Integration in EIA and SEA*.

OFFICIAL PUBLICATIONS

Business and Biodiversity Offsets Programme (BBOP). 2009. *The Relationship Between Biodiversity Offsets and Impact Assessment: A BBOP Resource Paper*. Washington, D.C.: BBOP. Available from <http://bbop.forest-trends.org/guidelines/eia.pdf>

Convention on Biological Diversity 2000. *Decision V/6 Ecosystem Approach*. Available from www.cbd.int/decision/cop/?id=7148

Convention on Biological Diversity 2004. *Decision VII/11 Ecosystem Approach*. Available from www.cbd.int/decision/cop/?id=7748

Convention on Biological Diversity 2006. *Decision VIII/28 Impact Assessment: Voluntary Guidelines on Biodiversity-Inclusive Impact Assessment*. Available from www.cbd.int/decision/cop/?id=11042

Convention on the Conservation of Migratory Species of Wild Animals 2002. *Resolution 7.2 Impact Assessment and Migratory Species*. Available from www.cms.int/bodies/COP/cop7/proceedings/pdf/en/part_I/Res_Rec/RES_7_02_Impact_Assessment.pdf

Institute of Ecology and Environmental Management 2006. *Guidelines for Ecological Impact Assessment in the United Kingdom*. Available from www.ieem.net/ecia/

Millennium Ecosystem Assessment 2005. *Ecosystems and Human Well-Being: Biodiversity Synthesis*. Washington, D.C.: World Resources Institute. Available from www.millenniumassessment.org/documents/document.354.aspx.pdf

Organisation for Economic Co-Operation and Development 2002. *Handbook for Biodiversity Valuation: A Guide for Policy Makers*. Paris: OECD.

Ramsar Convention on Wetlands 2008. *Resolution X.17 Environmental Impact Assessment and Strategic Environmental Assessment: Updated Scientific and Technical Guidance*. Available from www.ramsar.org/pdf/res/key_res_x_17_e.pdf

Ramsar Convention Secretariat 2007. *Ramsar Handbooks for the Wise Use of Wetlands, Volume 13 Impact Assessment*. 3rd Edition, Ramsar Convention Secretariat, Gland, Switzerland. Available from www.ramsar.org/pdf/lib/lib_handbooks2006_e13.pdf

The World Bank Environment Department 2000. *Biodiversity and Environmental Assessment Toolkit*. Washington, D.C.: The World Bank.



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BIODIVERSITY KEY CITATIONS - TEXTBOOKS AND JOURNAL ARTICLES

- Athanas, A. 2005. The Role of Business in Biodiversity and Impact Assessment. *Impact Assessment & Project Appraisal* 23(1): 29-35.
- 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.
- Brownlie, S. et al. 2005. Systematic Conservation Planning in the Cape Floristic Region and Succulent Karoo, South Africa: Enabling Sound Spatial Planning and Improved Environmental Assessment. *Journal of Environmental Assessment Policy & Management* 7(2): 201-228.
- Byron, H. 2000. *Biodiversity Impact - Biodiversity and Environmental Impact Assessment: A Good Practice Guide for Road Schemes*. Sandy, UK: The RSPB, WWF-UK, English Nature and the Wildlife Trusts.
- Cooney, R. & Dickson, M. (eds) 2005. *Biodiversity and the Precautionary Principle: Risk, Uncertainty and Practice in Conservation and Sustainable Use*. London: Earthscan.
- Geneletti, D. 2003. Biodiversity Impact Assessment of Roads: An Approach Based on Ecosystem Rarity. *Environmental Impact Assessment Review* 23(3): 343-365.
- Geneletti, D., Beinat, E., Chung, C.F., Fabbri, A.G. & Scholten, H.J. 2003. Accounting for Uncertainty Factors in Biodiversity Impact Assessment. *Environmental Impact Assessment Review* 23(4): 471-487.
- Gontier, M., Balfors, B., Mortberg, U. 2006. Biodiversity in Environmental Assessment-Current Practice and Tools for Prediction. *Environmental Impact Assessment Review* 26 (3): 268-286.
- Kolhoff, A. & Sloatweg, R. 2005. Biodiversity in SEA for Spatial Plans: Experiences from the Netherlands. *Journal of Environmental Assessment Policy & Management* 7(2): 267-286.
- Lee, S.D. 2005. Strategic Environmental Assessment and Biological Diversity Conservation in the Korean High-Speed Railway Project. *Journal of Environmental Assessment Policy & Management* 7(2): 287-298.
- Mandelik, Y. 2005. Issues and Dilemmas in Ecological Scoping: Scientific, Procedural and Economic Perspectives. *Impact Assessment & Project Appraisal* 23(1): 55-63.
- Milko, R. 1998. *Migratory Birds Environmental Assessment Guideline*. Biodiversity Protection Branch, Environment Canada. Available from www.cws-scf.ec.gc.ca/publications/eval/mig/index_e.cfm.
- Pritchard, D. 2005. International Biodiversity-Related Treaties and Impact Assessment: How Can They Help Each Other? *Impact Assessment & Project Appraisal* 23(1): 7-16.
- Rajvanshi, A., Mathur, V.B., Teleki, G.C., Mukherjee, S.K. 2001. *Roads, Sensitive Habitats and Wildlife: Environmental Guideline for India and South Asia*. Chandrabani: Wildlife Institute of India.
- Sloatweg, R. 2005. Biodiversity Assessment Framework: Making Biodiversity Part of Corporate Social Responsibility. *Impact Assessment & Project Appraisal* 23(1): 37-46.
- Sloatweg, R., Rajvanshi, A., Mathur, V.B. & Kolhoff, A. 2009. *Biodiversity in Environmental Assessment: Enhancing Ecosystem Services for Human Well-Being*. Cambridge, UK: Cambridge University Press.
- Treweek, J. 1999. *Ecological Impact Assessment*. Oxford, UK: Blackwell Science.
- Treweek, J., Therivel, R., Thompson, S. & Slater, M. 2005. Principles for the Use of Strategic Environmental Assessment as a Tool for Promoting the Conservation and Sustainable Use of Biodiversity. *Journal of Environmental Assessment Policy & Management* 7(2): 173-199.
- Wegner, A., Moore, S.A. & Bailey, J. 2005. Consideration of Biodiversity in Environmental Impact Assessment: Practitioner Perceptions. *Environmental Impact Assessment Review* 25(2): 143-162.
- Upreti, B.K. 2005. Biodiversity in Strategic Environmental Assessment: A Case Study of the Nepal Water Plan. *Journal of Environmental Assessment Policy & Management* 7(2): 247-266.

HISTORY
