

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.



IAIA International Headquarters  
1330 23rd Street South, Suite C  
 Fargo, ND 58103-3705 USA  
 Phone +1.701.297.7908  
 Fax +1.701.297.7917  
 info@iaia.org | www.iaia.org

## INTRODUCTORY COMMENT

Besides the widely-known ISO 14001 Environmental Management System (EMS), there are other management systems such as the Environmental and Social Management System (ESMS) required by the International Finance Corporation Performance Standards, the European Eco-Management and Audit Scheme (EMAS), and various industry-specific systems. All environmental management systems can benefit from integration with impact assessment. Although the literature is primarily about ISO 14001 and this is reflected here, these references can also be helpful to persons interested in any system.

## BOOKS AND JOURNAL ARTICLES

- Arimura, T. et al. 2016 The effect of ISO 14001 on environmental performance: Resolving equivocal findings. *Journal of Environmental Management* 166, 556-566.
- Burgham, M., Brassat, S., Ross, W. & Thompson, D. 2001. Extending Environmental Management Systems Principles to Environmental Assessment: The Use of Environmental Audits. *Impact Assessment and Project Appraisal* 16(2): 155-161.
- Campos, L. 2012 Environmental management systems (EMS) for small companies: a study in Southern Brazil. *Journal of Cleaner Production* 32, 141-148.
- Carruthers, G. & Vanclay, F. 2012 The intrinsic features of Environmental Management Systems that facilitate adoption and encourage innovation in primary industries. *Journal of Environmental Management* 110: 125-134.
- Carruthers, G. & Vanclay, F. 2007. Enhancing the Social Content of Environmental Management Systems in Australian Agriculture. *International Journal of Agricultural Resources, Governance and Ecology* 6(3): 326-340.
- Coglianesi, C. & Nash, J. (eds) 2001. *Regulating from the Inside: Can Environmental Management Systems Achieve Policy Goals?* Washington: Resources for the Future.
- Delmas, M.A. 2002. The Diffusion of Environmental Management Standards in Europe and in the United States: An Institutional Perspective. *Policy Sciences* 35(1): 91-119.
- Eccleston, C. & Smythe, R. 2002. Integrating Environmental Impact Assessment with Environmental Management Systems. *Environmental Quality Management* 11(4): 1-13.
- Heras-Saizarbitoria, I. et al. 2013 Shedding light on ISO 14001 certification audits. *Journal of Cleaner Production* 51, 88-98.
- Hillary, R. (ed.) 2000. *ISO 14001: Case Studies and Practical Experiences*. Sheffield, UK: Greenleaf.
- Hillary, R. 2004. Environmental Management Systems and the Smaller Enterprise. *Journal of Cleaner Production* 12(6): 561-569.
- Hollands, R. & Palframan, L. 2014 EIA and EMS integration: Not wasting the opportunity. *Impact Assessment and Project Appraisal* 32(1), 43-54.
- IFC 2015 Environmental and Social Management System Implementation Handbook. Washington DC: IFC.
- IFC 2015 Environmental and Social Management System Toolkit. Washington DC: IFC.
- Jasch, C. 2000. Environmental Performance Evaluation and Indicators. *Journal of Cleaner Production* 8(1): 79-88.

## ENVIRONMENTAL MANAGEMENT SYSTEMS KEY CITATIONS

---

- Jones, S. & Mason, T. 2002. Role of Impact Assessment for Strategic Environmental Management at the Firm Level. *Impact Assessment and Project Appraisal* 20(4): 279-285.
- Keen, M. & Sullivan, M. 2005. Aiding the Environment: The Australian Development Agency's Experience of Implementing an Environmental Management System. *Environmental Impact Assessment Review* 25(6): 628-649.
- Labuschagne, C., Brent, A. & Claasen, S. 2005. Environmental and Social Impact Considerations for Sustainable Project Life Cycle Management in the Process Industry. *Corporate Social Responsibility and Environmental Management* 12(1): 38-54.
- Marshall, R. 2002. Developing Environmental Management Systems to Deliver Mitigation and Protect the EIA process During Follow Up. *Impact Assessment and Project Appraisal* 20(4): 286-292.
- Melnyk, S., Sroufe, R. & Calantone, R. 2003. Assessing the Impact of Environmental Management Systems on Corporate and Environmental Performance. *Journal of Operations Management* 21(3): 329-351.
- Morrow, D. & Rondinelli, D. 2002. Adopting Corporate Environmental Management Systems: Motivations and Results of ISO 14001 and EMAS Certification. *European Management Journal* 20(2): 159-171.
- Perdicoulis, A. & Durning, B. 2007. An Alternating-Sequence Conceptual Framework for EIA-EMS Integration. *Journal of Environmental Assessment Policy and Management* 9(4): 385-397.
- Perdicoulis, A. et al. (eds) 2012. *Furthering Environmental Impact Assessment: Towards a Seamless Connection between EIA and EMS*. Cheltenham: Edward Elgar.
- Potosky, M. & Prakash, A. 2005. Covenants with Weak Swords: ISO 14001 and Facilities' Environmental Performance. *Journal of Policy Analysis and Management* 24(4): 745-769.
- Ridgway, B. 1999. The Project Cycle and the Role of EIA and EMS. *Journal of Environmental Assessment Policy and Management* 1(4): 393-405.
- Ridgway, B. 2005. Environmental Management System Provides Tools for Delivering on Environmental Impact Assessment Commitments. *Impact Assessment and Project Appraisal* 23(4): 325-331.
- Rondinelli, D. & Vastag, G. 2000. Panacea, Common Sense, or Just a Label? The Value of ISO 14001 Environmental Management Systems. *European Management Journal* 18(5): 499-210.
- Sánchez, L. & Gallardo, A. 2005. On the Successful Implementation of Mitigation Measures. *Impact Assessment and Project Appraisal* 23(3): 182-190.
- Sánchez, L. & Hacking, T. 2002. An Approach to Linking Environmental Impact Assessment and Environmental Management Systems. *Impact Assessment and Project Appraisal* 20: 25-38.
- Slinn, P., Handley, J. & Say, S. 2007. Connecting EIA to Environmental Management Systems: Lessons from Industrial Estate Development in England. *Corporate Social Responsibility and Environmental Management* 14(2): 88-102.
- Steger, U. 2000. Environmental Management Systems: Empirical Evidence and Further Perspectives. *European Management Journal* 18(1): 23-37.
- Varnäs, A., Faith-Ell, C. & Balfors, B. 2009. Linking Environmental Impact Assessment, Environmental Management Systems and Green Procurement in Construction Projects: Lessons from the City Tunnel Project in Malmö, Sweden. *Impact Assessment and Project Appraisal* 27(1): 69-76.