Scientific Research Open Access



Search Keywords, Title, Author, ISBN, ISSN

Home	Journals	Books	Conferences	News	About Us	s Job
Home > Journal > Earth & Environmental Sciences > JEP					Open Special Issues	
Indexing View Papers Alms & Scope Editorial Board Guideline Article Processing Charges					Published Special Issues	
JEP> Vol.3 No.12, December 2012					Special Issues Guideline	
OPEN∂ACCESS Evaluation of the Environmental Impacts Assessment (EIA)					JEP Subscription	
System in Lao PDR					Most popular papers in JEP	
PDF (Size: 790KB) PP. 1655-1670 DOI: 10.4236/jep.2012.312182 Author(s)					About JEP News	
Sengdeuane Wayakone, Inoue Makoto ABSTRACT This study explores and seeks to explain the EIA procedures practice gap in Lao PDR. It reviews the literature and studies EIA legislation, administrative procedures, guidelines, and relevant documents by using a model proposed by Leu <i>et al.</i> (1996) and applying criteria proposed by Wood (1995) to evaluate the					Frequently Asked Questions	
					Recommend to Peers	
					Recommend to Library	
performance of EIA systems. Key EIA legislation in Lao PDR has many strengths, but also major weaknesses: Inadequate planning procedures, no secondary regulations, few trained and skilled					Contact Us	
personnel, inadequate public consultation, lack of environmental data, weak follow-up and monitoring, and no enforcement machinery. Additionally, the EIA approval procedure is very bureaucratic and easily derailed by political and economic pressures. In addition, coordination among EIA proponents, consultants,					Downloads:	301,518
concerned ministries, local authorities, planners, and decision-makers is generally weak. This delays					Visits:	674,198

Sponsors, Associates, ai Links >>

• The International Conference o **Pollution and Treatment** Technology (PTT 2013)

decision-making and hinders implementation of environmental regulations. Thus, procedures and evaluation are not always performed well. EIAs are more a project justification tool than a project planning tool for sustainable development. We conclude with recommendations to strengthen the system, such as improving capacity building, implementing an EIA consultants' accreditation system, ensuring effective public participation and access to EIA reports, applying systematic EIAs, reviewing criteria, and promoting environmental awareness.

KEYWORDS

Environmental Impact Assessment; Lao PDR; Strength and Weakness; Procedures and Practices

Cite this paper

S. Wayakone and I. Makoto, "Evaluation of the Environmental Impacts Assessment (EIA) System in Lao PDR," Journal of Environmental Protection, Vol. 3 No. 12, 2012, pp. 1655-1670. doi: 10.4236/jep.2012.312182.

References

- G Jay, S. C. Jones, P. Slinn and C. Wood, " Environmental Impact Assessment: Retrospect and [1] Prospect," Environmental Impact Assessment Review, Vol. 27, No. 4, 2007, pp. 287-300. doi: 10.1016/j.eiar.2006.12.001
- B. Ahmad and C. Wood, " A Comparative Evaluation of the EIA Systems in Egypt, Turkey and [2] Tunisia," Environmental Impact Assessment Review, Vol. 22, No. 3, 2002, pp. 213-234. doi: 10.1016/S0195-9255(02)00004-5
- M. Elliott and I. Thomas, " Environmental Impact Assessment in Australia," The Federation Press, [3] Sydney, 2009.
- B. Dipper, C. Jones and C. Wood, " Monitoring and Post-Auditing in Environmental Impact [4] Assessment: A Review," Journal of Environmental Planning and Management, Vol. 41, No. 6, 1998, pp. 731-747
- [5] B. Sadler, " Environmental Assessment in a Changing World: Evaluating Practice to Improve Performance," final Report of the International Study of the Effectiveness of Environmental Assessment, International Association for Impact Assessment and Canadian Environmental

Assessment Agency, Ministry of Supply and Services, Ottawa, 1996.

- [6] Environmental Protection Authority, "Report of the EIA Process Strengthening Workshop," Canberra, 4-7 April 1995, EPA, Canberra, 1996.
- [7] J. Glasson, R. Therivel and A. Chadwick, "Introduction to Environmental Impact Assessment," 3rd Editon, Taylor & Francis, London, 2005.
- [8] W. Chen, K. A. Warren and N. Duan., "Incorporating Cleaner Production Analysis into Environmental Impact Assessment in China," Environmental Impact Assessment Review, Vol. 19, No. 5-6, 1999, pp. 457-476. doi:10.1016/S0195-9255(99)00023-2
- [9] B. Sadler, "International Study of the Effectiveness of Environmental Assessment: Final Report Environmental Assessment in a Changing World: Evaluating Practice to Improve Performance," 1996.
- [10] D. Hickie and M. Wade, " The Development of Environmental Action Plans: Turning Statements into Actions," Journal of Environmental Planning and Management, Vol. 40, No. 6, 1997, pp. 789-801. doi:10.1080/09640569711912
- [11] R. Hirji and L. Ortolano, " EIA Effectiveness and Mechanisms of Control: Case Studies of Water Resources Development in Kenya," International Journal of Water Resources Development, Vol. 7, No. 3, 1991, pp. 154-167. doi: 10.1080/07900629108722508
- [12] Y. Wang, R. K. Morgan and M. Cashmore, "Environmental Impact Assessment of Projects in the People' s Republic of China: New Law, Old Problems," Environmental Impact Assessment Review, Vol. 23, No. 5, 2003, pp. 543-579. doi: 10.1016/S0195-9255(03)00071-4
- [13] L. Zubair, " Challenges for Environmental Impact Assessment in Sri Lanka," Environmental Impact Assessment Review, Vol. 21, No. 5, 2001, pp. 469-478. doi:10.1016/S0195-9255(01)00081-6
- [14] O. Nadeem and H. Rizwan, " Evaluation of Environmental Impact Assessment System in Pakistan," Environmental Impact Assessment Review, Vol. 28, No. 8, 2008, pp. 562-571. doi:10.1016/j.eiar.2008.02.003
- [15] J. Boyle, " Cultural Influences on Implementing Environmental Impact Assessment: In-Sights from Thailand, Indonesia and Malaysia," Environmental Impact Assessment Review, Vol. 18, No. 2, 1998, pp. 95-116. doi:10.1016/S0195-9255(97)00082-6
- [16] S. Momtaz, " Environmental Impact Assessment in Bangladesh: A Critical Review," Environmental Impact Assessment Review, Vol. 22, No. 2, 2002, pp. 163-179. doi:10.1016/S0195-9255(01)00106-8
- [17] K. El-Fadl and M. El-Fadel, "Comparative Assessment of EIA Systems in MENA Countries: Challenges and Prospects," Environmental Impact Assessment Review, Vol. 24, No. 6, 2004, pp. 553-593. doi:10.1016/j.eiar.2004.01.004
- [18] B. D. Clark, A. Gilard, R. Bisset and R. Tomlinson, "Perspectives on Environmental impact Assessment," Reidel Publishing Company, Holland, 1984. doi:10.1007/978-94-009-6381-8
- [19] Asian Development Bank, RETA No. 6440, " Analysis of EIA/EMP in the Greater Mekong Subregion (GMS) Countries and Identification of Gaps, Needs, and Areas for Capacity Development," 2010.
- [20] Mekong River Commission (MRC), " EIA Legislation in the Lower Mekong Basin," 2001.
- [21] Sitthivong, Koutiane and Sengdeuane Wayakone., " Status of Environmental Impact Assessment Tools in Environmental Policies and Legislations," Asian Development Bank RETA No. 6440, 2009.
- [22] World Bank, "Environmental Impact Assessment Regulations and Strategic Environmental Assessment Requirements—Practices and Lessons Learned in East and Southeast Asia," 2006.
- [23] W. S. Leu, W. P. Williams and A. W. Bark, " Development of an Environmental Impact Assessment Model and Its Application: Taiwan Case Study," Environmental Impact Assessment Review, Vol. 16, No. 2, 1996, pp. 63-134. doi:10.1016/0195-9255(95)00107-7
- [24] C. Wood, " Environmental Impact Assessment: A Comparative Review," 1st Edition, Longman,