

## REFERENCES

- Alphonse, C. B. 2000. Application of the Analytic Hierarchy Process in Agriculture in Developing Countries. *Agric. Systems*. (53): 97-112.
- Beus, C. E., and R. E. Dunlop. 1994. Agricultural Paradigms and the Practice of Agriculture. *Rural Sociology*. (59): 620–635.
- Binh, T. N. 1998. *Natural Resources Policies in the Highlands of Vietnam. A Synthesis of NGO Experience*. Resources Policy Brief, WRI, Washington DC.
- Bosshard, A. 2000. A Methodology and Terminology of Sustainability Assessment and Its Perspective of Rural Planning. *Agricultural, Ecosystem and Environment*. (77): 29-41
- Brink, B. J. E., S. H. Hosper, and F. Colijn. 1991. A Quantitative Method for Description and Assessment of Ecosystems: The Amoeba Approach. *Marine pollution bulletin*. (23): 265–270.
- Conway, G. 1997. *The Double Green Revolution: Food for all in the 21<sup>st</sup> Century*. London: Penguin Books.
- Duy, P. D. 1997. *The Research Builds the Agricultural Production Pattern in Nam Dong Mountainous Area of Thua Thien Hue Province*. Pedagogy University, Thua Thien Hue. (in Vietnamese)
- Gold, V. M. 1999. *Sustainable Agriculture: Definitions and Terms*. National Agricultural Library Agricultural Research Service, U.S. Department of Agriculture, USA.

- Gomez, A. A., D. E. Kelly, J. K. Syers, K. J. Coughlan. 1996. Measuring Sustainability of Agricultural Systems at the Farm Level: Methods for Assessing Soil Quality. *SSSA Special Publication*. (49): 401–409.
- Gowda, M. J. C. and K. M. Jayaramaiah. 1998. Comparative Evaluation of Rice Production Systems for Their Sustainability. *Agric. Ecosyst. Environ.* (69): 1–9.
- Hafkamp, W. and P. Nijkamp, 1986. “Integrated Economic-Environmental-Energy Policy and Conflict Analysis”. *Journal of Policy Modelling*. (8): 551-576.
- Institute for Low External Input Agriculture (ILEIA). 1991. Criteria for Assessment. *ILEIA Newsletter*. (7): 21–23.
- Jamieson, N. L., L. T. Cuc, and A. T. Rambo. 1998. *The Development Crisis in Vietnam’s Mountains*. East-West Center Special Report, Honolulu.
- Janssen, R. 1991. *Multi-objective Decision Support for Environmental Problems*. Free University, Amsterdam.
- Kammerbauer, J., B. Cordoba, R. Escolan, S. Flores, V. Ramirez, and J. Zeledon. 2001. Identification of Development Indicators in Tropical Mountainous Regions and some Implications for Natural Resource Policy Designs: and Integrated Community Case Study. *Ecological Economics*. (36): 45-60.
- Kurtila, M., M. Pesonen, J. Kangas, and M. Kajanus, 2000. Utilizing the Analytic Hierarchy Process in SWOT Analysis—A Hybrid Method and Its Application to a Forest-Certification Case. *Forest Policy and Economics*. (1): 41-52.
- Laxminarayanan, P. G., S. R. Johnson, and A. Bouzaher. 1995. A Multi-Objective Approach to Integrating Agriculture and Environmental Policies. *Journal of Environmental Management*. (45): 365-378.

- Lefroy, R. D. B., H. D. Bechstedt, and M. Rais. 2000. Indicators for Sustainable Land Management Based Marmer Survey in Vietnam, Indonesia and Thailand. *Agriculture, Economics and Environment*. (81): 137-146
- Leung, P. S., J. Muraoka, S. T. Nakamoto, and S. Pooley. 1998. Evaluating Fisheries Management Options in Hawaii Using Analytic Hierarchy Process (AHP). *Fisheries Research*. (36): 171-183
- Li, W., Z. Wang, and H. Tang. 1999. Designing the Buffer Zone of a Nature Reserve: A Case Study in Yancheng Biosphere Reserve, China. *Biological Conservation*. (90): 159-165
- Lynam, J. K. and R. W. Herdt. 1989. Sense and Sustainability: Sustainability as an Objective in International Agricultural Research. *Agricultural Economics*. (3): 381-398.
- Masera, O., M. Astier, and S. L. Ridaura. 2002. Evaluating the Sustainability of Complex Socio-environmental Systems: The MESMIS framework. *Ecological Indicators*. (2): 135-148
- Mueller, S. 1997. Evaluating the Sustainability of Agriculture: the Case of the Reventado River Watershed in Costa Rica. *Economics and Management Peter Lang, Germany*. (5): 13-28.
- Munasinghe, M. 1993. Environmental Economics and Sustainable Development. *World Bank Environ*. (3): 1-15.
- Munasinghe, M.. 1992. *Towards Sustainable Development: The Role of Environmental Economics and Valuation* (The World Bank Environment Paper Number 3). The World Bank, Washington, DC.
- People Committee of Nam Dong District. 1999-2004. *Annual Report of Socio-economic Conditions*. Nam Dong District Office (in Vietnamese)

- Nam Dong Statistical Office. 2004. *The Statistical Yearbook*. Thua Thien Hue Statistical Office. (in Vietnamese)
- Nam, T. N., N. Q. Tuan, and H.V. Hanh. 2003. *Assessing Land Resource by Using the GIS Technique*. Department of Geosciences, Hue University. (in Vietnamese)
- Pastore, G. and M. Giampietro. (No date). *Ecological Approach to Agricultural Production and Ecosystem Theory: The AMOEBA approach*. Istituto Nazionale Della Nutrizione, Rome, Italy.
- Powers, L. E. and R. McSorley. 2000. *Ecological Principles of Agriculture*. [Online] available <http://www.agriscience.delmar.com/> [14 February 2005]
- Praneetvatakul, S., P. Janekarnkij, C. Potchanasin, and K. Prayoonwong. 2001. *Assessing the sustainability of agriculture: A case of Mae Chaem Catchment, northern Thailand*. Faculty of Economics, Kasetsart University, Thailand.
- Pretty, J. N. 1995. *Regenerating Agriculture: Policies and Practice for Sustainability and Self-reliance*. Earthscan Publications Limited, London.
- Quy, C. H. 1995. *Overview of Highland Development in Vietnam: General Characteristics, Socioeconomic Situation and Development Challenges*. In A. T. Rambo, L. T. Cuc, and M. R. Digregorio (Eds.) 1995: *The Challenges of Highland development in Vietnam*. Eastwest Center, Honolulu, Hawaii.
- Ramanathan, R. 2001. A Note on the Use of the Analytic Hierarchy Process for Environmental Impact Assessment. *Journal of Environmental Management*. (63): 27-35.
- Rambo, A. T. 1995. *Perspectives on Defining Highland Development Challenges in Vietnam: New Frontier or cul-de-sac?* In A.T. Rambo, L. T. Cuc, and M. R. Digregorio (Eds.) 1995: *The Challenges of Highland Development in Vietnam*. Eastwest Center, Honolulu, Hawaii.

- Rigby, D., P. Woodhouse, T. Young, and M. Burton. 2001. Constructing a Farm Level Indicator of Sustainable Agriculture Practice. *Ecological Economics*. (39): 463-478
- Saaty, T. L. 1980. *The Analytic Hierarchy Process*. McGraw-Hill, New York.
- Smyth, A. J. and J. Dumanski. 1993. An International Framework for Evaluating Sustainable Land Management (FESLM). *FAO World Soil Resource Report*. (25): 73- 74.
- Stokes, J. R. and P. R. Tozer, 2002. Sire Selection with Multiple Objectives. *Agricultural Systems*. (73): 147-164.
- Tellarini, V. and F. Caporali. 2000. An Input/Output Methodology to Evaluate Farms as Sustainable Agroecosystems : An Application of Indicators to Farm in Central Italy. *Agriculture, Ecosystems and Environment*. (77): 111-123
- Thanh, N. X. 2003. *Impacts of Land Utilization Systems on Agricultural Productivity*. Asian Productivity Organization, Tokyo, Japan.
- Thua Thien Hue Statistical Office. 2003. The Statistical Yearbook. General Statistical Office, Vietnam. (in Vietnamese)
- Tiwari D. N., R. Loof, and G. N. Paudyal. 1999. Environmental-economic Decision-making in Lowland Irrigated Agriculture Using Multi-criteria Analysis Techniques. *Agricultural Systems*. (60): 99-112.
- Vietnam General Statistical Office. 2003. The Statistical Yearbook. Vietnam General Statistical Office. (in Vietnamese)
- Zekri, S. and C. Romero. 1993. Public and Private Compromises in Agricultural Water Management. *Journal of Environmental Management*. (37): 281-290.