

## CURRICULUM VITAE

### I. Biographical Information

**A. Name** : Gopal B. Thapa

**B. Education** : Ph.D. (Watershed Management, 1990), and M.Sc.  
(Rural and Regional Planning, 1985)  
Asian Institute of Technology, Bangkok  
M.A. (1981, Geography), Tribhuvan University, Nepal

### C. Positions held

January 2011 – to date  
Professor

February 2007 to 2010  
Professor; RRDP Coordinator

August 2006 – January 2007  
Visiting Professor, Department of Globalization and Society,  
Roskilde University, Denmark (I was on sabbatical leave)

January 2005 – July 2006  
Professor; RRDP Coordinator; Regional Coordinator, USEPAM Project

March 2003 - December 2004  
Associate Professor; Regional Coordinator/Long-term Technical Advisor,  
USEPAM Project

January 2001 – February 2003  
Associate Professor; Faculty Coordinator, IWDM Program

November 1996 - December 2000  
Associate Professor

November 1994 - October 1996  
Assistant Professor

January 1992 - October 1994  
Research Scientist & Affiliated Faculty, AIT

July 1992 - December 1992  
Visiting Fellow  
University of Dortmund, Germany

January 1991 - June 1991  
Research Scientist, AIT

August 1981 – April 1984  
Assistant Lecturer, Department of Geography,  
PN Campus, Tribhuvan University, Nepal

#### **D. Special honors and awards**

2006 – Danish Research Council Award for facilitating the visit to Roskilde University as Visiting Professor

2003 - International RE-Source Award given by the Swiss Re for an action project proposal on Integrated Watershed Management in Dhading District, Nepal. This award was jointly given to Dr. Michael Zoebisch Dr. B.H. Pandit and me.

1984 - CIDA Scholarship for MSc at AIT

1981 - Mahendra Vidya Bhusan (Gold Medal II) for outstanding student among the graduating Master's students (Geography)

## **II. Pedagogy**

### **A. Experience as a teacher**

---

#### Courses Taught

---

1. Regional Environmental Management (1993 - 1998) (3 credits)
  2. Introduction to Integrated Watershed Development and Management (joint teaching 1999 - 2003) (3 credits)
  3. Socioeconomic Issues and Policies for Integrated Watershed Management (1999 - 2003) (3 credits)
  4. IWDM Planning Workshop (joint teaching, 1999 - 2003) (3 credits)
  5. Agricultural Development and Planning (teaching since 1994) (3 credits)
  6. Project Planning and Management (teaching since 2004) (3 credits)
  7. Sustainable Development Theories and Practices (teaching since Jan. 2007) (3 credits)
  8. Research design and methods (1 credit)
  9. Selected topics: Rural Project Planning & Management (2 credits)
- 

### **C. Pedagogical Development**

#### **1. Initiation of new courses, degree programs, curricula:**

- I developed the following courses ever since I joined AIT as a faculty member:

1. Regional Environmental Management

2. Introduction to Integrated Watershed Development and Management (jointly with three other faculty members.)
3. Policy and Socioeconomic Issues in Watershed Management
4. Project Planning and Management
5. Sustainable Development Theories and Practices
  - Contributed to develop the curriculum of an interdisciplinary graduate program in Integrated Watershed Management, which was supported by Danida until 2003.
  - In my capacity as Technical Adviser to the Department of Environmental Science, RUPP, Cambodia under the USEPAM Project sponsored by Danida, I assisted the development of an undergraduate curriculum on environmental management planning.
  - I advised on development of syllabuses and teaching materials related to Environment and Population, and Sustainable Development courses developed by DES/RUPP lecturers under the auspices of USEPAM Project.
  - In my capacity as its Interim Coordinator, I am coordinating the development of the curriculum and syllabuses for the Sustainable Development Program to be launched in August by SERD.
6. Rural Project Planning and Management

Being offered exclusively to the KIIT students from Orissa, India since 2010, this course is a modified version of the Project Planning and Management course designed to meet the specific needs of KIIT students.

## **2. Technical assistance to develop curricula**

I assisted to develop following two curricula under the Education for Sustainable Development Project jointly implemented by Ramboll Natura, Sweden and AIT under the support of SIDA:

1. Monitoring the implementation of ESD in the schools of Nepal. This curriculum was developed in 2009 by the officials from the National Planning Commission with my technical assistance
2. Integrating ESD into the Village Development Service Program implemented the University of Gadjah Mada, Jogjakarta, Indonesia. I assisted the university representative to develop the curriculum in 2009.

## **3. Development and introduction of innovative pedagogical techniques**

- In view of the need for equipping RRDP students with necessary project planning and management skills, I have adopted a practice oriented approach to teaching Project Planning and Management course. In this regard, students are engaged in a series of practical works that enable them to develop project planning and management skills in a systematic way. Students are evaluated based on the quality of their outputs.

- In another course, Sustainable Development Theories and Practices, I try to help students to develop sustainable policy analysis knowledge by firstly discussing sustainable development related theories and policies and, then, require them to analyze the sustainability of particular developmental sector policies and programs of their countries. Such practice helps them to consolidate the knowledge gained through the class discussion and to develop policy analysis skill.

#### **4. Participation in workshops, short courses relating to improvement of teaching**

- Attended the Effective Performance Management Workshop organized by the Hay Group, Thailand on November 24, 2010.
- Attended a three-week training program on Education for Sustainable Development held at Stockholm University, Uppsala University and Chalmers University, Sweden from April 27 to May 15, 2009.
- I took part in a Problem Based Learning workshop conducted by the Roskilde University, Denmark at RUPP, Cambodia.

### **III. Student Research Supervision**

**Theses supervised:** Doctoral dissertations: 12 (completed) 7 (on-going); 45 MSc theses.

### **IV. Research**

#### **A. Publications:**

##### **1. Books and Monographs:**

1. Thapa, G.B., Viswanathan, P.K., Routray, J.K. and Ahmad, M.M. (eds.) (2010), *Agricultural Transition in Asia: Trajectories and Challenges*, Bangkok: Asian Institute of Technology, ISBN 978-974-8257-79-2.
2. Thapa, G.B., Shivakoti, G., Zoebisch M, Paudel, G. and Neupane, R. (eds.) (2001), *Integrated Watershed Development and Management in Asia: Training and Research Needs Priorities*, Bangkok: Asian Institute of Technology, ISBN 974-8208-38-9.
3. Thapa, G.B. and Devkota, S. (1999), *Managing Solid Waste in Metro Kathmandu*, ACRD Monograph, 1, ISBN 974-8208-16-8.
4. Thapa, G.B. & Weber, K.E. (1990), *Managing Mountain Watersheds: The Upper Pokhara Valley, Nepal*, Asian Institute of Technology, Bangkok, Thailand, HSD Monograph No.22, ISBN 974-8201-953.
5. Thapa, G.B. & Weber, K.E. (1986), *Land Settlement in Nepal: Comparative Study of Four Types of Planned and Spontaneous Settlements*, Asian Institute of Technology, Bangkok, Thailand, HSD Monograph No.9, ISBN 974-8200-566.

##### **2. Book Chapters:**

1. Viswanathan, P.K., Thapa, G.B., Routray, J.K. and Ahmad, M.M. (2010), Challenges facing Asian smallholder agriculture: A synthesis of five country studies. In G.B. Thapa, P.K. Viswanathan, J.K. Routray and M.M. Ahmad (eds.), *Agricultural Transition in Asia:*

*Trajectories and Challenges*, pp. 183-216, Bangkok: Asian Institute of Technology, ISBN 978-974-8257-79-2.

2. Pandit, B.H and Thapa, G.B., 2009. Who gains from non-timber forest products trading in the mountains of Nepal? In R. Uma Shaanker, Ankila J. Hiremath, Gladwin C. Joseph and Nitin D. Rai (eds.), *Non-Timber Forest Products: Conservation, Management and Policy in the Tropics*, Bangalore: Ashoka Trust for Research in Ecology and the Environment, pp. 175-187.
3. Rasul, G. and Thapa, G.B., 2005. Evaluation of agroforestry system under different marketing and institutional environment: a case of Chittagong Hill Tracts of Bangladesh. In T.D. Vien et al. (eds.), *Marketing and Agroforestry Development in Vietnam's Uplands*, Hanoi: Agriculture Publishing House, pp. 330 – 350.
4. Pandit, B.H., Thapa, G.B. and Zoebisch, M., 2005. Promoting marketing of cinnamon tree products in Palpa District of Nepal. In T.D. Vien et al. (eds.), *Marketing and Agroforestry Development in Vietnam's Uplands*, Hanoi: Agriculture Publishing House, pp. 256 – 280.
5. Thapa, G.B. (2004), "Integrated Watershed Management: Basic Concepts and Issues", *Encyclopedia of Institutional and Infrastructural Resources*, Eolss Publishers for UNICEF, Oxford, UK; <http://www.eolss.net>
6. Thapa, G.B. (2001), "AIT's Approach to Teaching, Research and Training on Integrated Watershed Development and Management", in G.B. Thapa et al. (eds.) *Integrated Watershed Development and Management in Asia: Training and Research Needs Priorities*, Bangkok: Asian Institute of Technology, pp. 11-22.
7. Neupane, R.P and Thapa, G.B. (2001), "Agroforestry for Watershed Development and Management in the Hills of Nepal", in G.B. Thapa et al. (eds.) *Integrated Watershed Development and Management in Asia: Training and Research Needs Priorities*, Bangkok: Asian Institute of Technology, pp. 90-106.
8. Thapa, G.B. (1998), "Nepal's Experience in Hill Agriculture", in Chapman, E.C. et al. (eds.) *Upland Farming Systems in The Lao P.D.R. – Problems and Opportunities for Livestock*. Canberra: ACIAR, pp. 48-53.
9. Thapa, G.B. (1992), "Regional Renewable Natural Resources Conservation and Management Planning", in B. Jenssen (ed.), *Planning As a Dialogue: District Development Planning and Management in Developing Countries*, SPRING Center, University of Dortmund, Dortmund, Germany, 1992, pp 147-157.
10. Thapa, G.B. & Weber, K.E. (1991), "Population Growth and Environmental Deterioration in the Hills of Nepal", in K.N. Singh and D.N. Singh (eds.), *Population Growth and Development: Issues, Impacts and Responses*, Varanasi, Environment and Development Study Centre, B.H.U., Varanasi, pp. 53-68.

### **3. International Referred Journal Articles:**

1. Baloch, M.A. and Thapa, G.B. (in press), Agricultural extension in Balochistan, Pakistan: Date palm farmers' access and satisfaction, *Journal of Mountain Science*, Springer, IF 0.662 in 2012
2. Seak, S., Schmidt-Vogt, D. and Thapa, G.B. (2012), Biodiversity monitoring at the Tonle Sap Lake of Cambodia: a comparative assessment of local methods, *Environmental Management*, Vol 50, pp. 707-720 (no IF so far)
3. Jitpakdee, R. and Thapa, G.B. (2012), Sustainability analysis of ecotourism on the Yao Noi Island, Thailand, *Asia-Pacific Journal of Tourism Research*, Vol. 17, pp. 301-325, Taylor & Francis, IF 0.300 in 2012
4. Thapa, G.B. and Yila, O.M. (2012), Farmers' land management practices and status of agricultural land in the Jos Plateau, Nigeria, *Land Degradation and Development*, Vol. 23, pp. 263-277, Wiley, IF 1.991 in 2012

4. Hussain, A. and Thapa, G.B. (2012), Smallholders' access to agricultural credit in Pakistan, *Food Security: The Science, Sociology and Economics of Food Production and Access to Food*, Springer, Vol. 4, pp. 73-85, IF 2.072 in 2012
5. Kasem, S. and Thapa, G.B. (2012), "Sustainable development policies and achievements in the context of the agriculture sector in Thailand", *Sustainable Development*, Vol. 20, pp. 98-114, Wiley, IF 1.884 in 2012
6. Rattanasuteerakul, K. and Thapa, G.B. (2012), Status and financial performance of organic vegetable farming in northeast Thailand, *Land Use Policy*, Vol. 29, pp. 456-463, Elsevier, IF 2.36 (5-year)
7. Seak, S., Schmidt-Vogt, D. and Thapa, G.B. (2011), A comparison between biodiversity monitoring systems to improve natural resource management in Tonle Sap Biosphere Reserve, Cambodia, *International Journal of Biodiversity Science, Ecosystem Services & Management*, Taylor & Francis, Vol. 7, pp. 258-272
8. Kasem, S. and Thapa, G.B. (2011), Crop diversification in Thailand: status, determinants, and effects on income and use of inputs, *Land Use Policy*, Vol. 28, pp. 618-628, Elsevier
9. Memon, J.A. and Thapa, G.B. (2011), The Indus irrigation system, natural resources, and community occupational quality in the delta region of Pakistan, *Environmental Management*, Vol. 47, pp. 173-187, Springer Verlag, IF 1.41 in 2010
10. Rasul, G., Thapa, G.B. and Karki, M.B. (2011), "Comparative analysis of evolutions of participatory forest management institutions in South Asia", *Society and Natural Resources*, Vol. 24, pp. 1322-1334, Taylor & Francis, IF 1.594 (5-year)
11. Thapa, G.B. and Rattanasuteerakul, K. (2011), "Adoption and extent of organic vegetable farming in Mahasarakham province, Thailand", *Applied Geography*, Vol. 31, pp. 201-209, Elsevier
12. Thapa, G.B., Viswanathan, P.K., Routray, J.K. and Ahmad, M.M. (2010), "Understanding the next agricultural transition in Asia: A critical review of major facets and future challenges", *Millennial Asia: An International Journal of Asian Studies*, Vol. 1, No.2, pp. 215-239.
13. Memon, J.A. and Thapa, G.B. (2010), "Impacts of upstream irrigation development on deltaic landscape, resources and livelihood –A Case of Indus Delta in Sindh Province, Pakistan", *International Journal of Environment and Rural Development*, Vol. 1-2, pp. 67-72, IAS/UNU
14. Rattanasuteerakul, K., Thapa, G.B. (2010), "Towards Organic Vegetable Farming in Thailand", *Journal of Sustainable Agriculture*, Vol. 34, pp. 57-79, Taylor & Francis.
15. Nepal, R., Thapa, G.B. (2009), "Determinants of Agricultural Commercialization and Mechanization in the Hinterland of a City in Nepal", *Applied Geography*, Vol. 29, pp. 377-389, Elsevier
16. Yila, O., Thapa, G.B. (2008), Adoption of agricultural land management technologies by smallholder farmers in the Jos Plateau, Nigeria, *International Journal of Agricultural Sustainability*, Vol. 8, pp. 277-288, Earthscan
17. Thapa, G.B. and Niroula, G.S. (2008), Alternative options of land consolidation in the mountains of Nepal: An analysis based on stakeholders' opinions, *Land Use Policy*, Vol. 25, pp. 338-350, Elsevier, IF 1.58 (in 2006).
18. Rasul, G. and Thapa, G.B. (2007), The Role of policy and institutional environment in promoting sustainable agricultural land use systems: the case of the Chittagong Hill Tracts, Bangladesh, *Environmental Management*, Vol. 40, pp. 237-283, Springer Verlag, New York, IF not available.
19. Niroula, G.S. and Thapa, G.B. (2007), Impact of land fragmentation on input use, crop yield and production efficiency in the mountains of Nepal, *Land Degradation and Development*, Vol. 18, pp. 237-248, Wiley, IF not available.
20. Pokhrel, D.M., Thapa, G.B. (2007), Are marketing intermediaries exploiting mountain farmers in Nepal? A study based on market price, marketing margin and income distribution analyses, *Agricultural Systems*, Vol. 94, pp. 151-164, Elsevier Ltd., IF 1.378 (in 2007).

21. Thapa, G.B. and Rasul, G., (2006), "Impact of changing national policies on land use in the Chittagong Hill Tracts of Bangladesh", *Journal of Environmental Management*, Vol. 81, pp. 441-453, Elsevier Ltd., IF 1.477 (in 2006).
22. Rasul, G. and Thapa, G.B. (2006), Financial and economic suitability of agroforestry as an alternative to shifting cultivation: the case of the Chittagong Hill Tracts, Bangladesh, *Agricultural Systems*, Vol. 91, pp. 29-50, Elsevier Ltd., IF 1.378 (in 2007).
23. Thapa, G.B. and Rasul, G. (2005), "Patterns and determinants of agricultural Systems in the Chittagong Hill Tracts of Bangladesh", *Agricultural Systems*, Vol. 84, pp. 255-277, Elsevier Ltd., IF 1.378 (in 2007).
24. Niroula, G.S. and Thapa, G.B. (2005), "Impacts and causes of land fragmentation, and lessons learned from land consolidation in South Asia", *Land Use Policy*, Vol. 22, pp. 358-372, Elsevier Ltd., IF 1.58 (in 2006).
25. Lin, Zhen, Thapa, G.B. and Gaudi, Xie (2005), "Agricultural sustainability in the food bowl of the North China Plain", *Outlook on Agriculture*, Vol. 34, No. 3, pp. 149-158, IP Publishing Ltd., London, IF not available.
26. Pandit, B.H and G.B. Thapa (2004), "Poverty and resource degradation in the mountains of Nepal", *Society and Natural Resources*, Vol. 17, pp. 1-16, Taylor & Francis, Philadelphia, IF not available.
27. Rasul, G. and G.B. Thapa (2004), "Sustainability of ecological and conventional agricultural systems in Bangladesh: an assessment based on environmental, economical and social perspectives", *Agricultural Systems*, Vol. 79, pp. 327-351, Elsevier Ltd., IF 1.378 (in 2007).
28. Paudel, G.S. and G.B. Thapa (2004), "Factors influencing the adoption of land management technologies in mountain watersheds of Nepal", *Applied Geography*, Vol. 24, pp. 35-55, Elsevier Ltd., IF 0.917 (in 2006).
29. Rasul, G., Thapa, G.B., Zoebisch, M. (2004) "Determinants of land use in the Chittagong Hill Tracts of Bangladesh", *Applied Geography*, Vol. 24, pp. 217-240, Elsevier Ltd., IF 0.917 (in 2006).
30. Pokhrel, D.M. and Thapa, G.B. (2004), "Fruit marketing systems in Asia: patterns, problems and policies", *Asia-Pacific Journal of Rural Development*. Vol. XIV, No.2, pp. 1-12, Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP), Dhaka, IF not available.
31. Rasul, G. and G.B. Thapa (2003), "Sustainability analysis of ecological and conventional agricultural systems in Bangladesh", *World Development*, Vol. 31, No. 10, pp. 1721-1741, Elsevier Ltd., IF 1.298 (in 2006).
32. Pandit, B.H and G.B. Thapa (2003), "Tragedy of the non-timber forest resources in the mountain commons of Nepal", *Environmental Conservation*, Vol. 30, No. 3, pp. 283-292, Cambridge University Press, IF not available.
33. Rasul, G. and G.B. Thapa, (2003) "Shifting Cultivation in the Mountains of South and Southeast Asia: Regional Patterns and Factors Influencing the Change", *Land Degradation and Development*, Vol. 14, pp. 495-508, Wiley, IF not available.
34. Pandit, B.H and Thapa, G.B. (2003), "Profit gains by collectors and traders from non-timber forest products trading in the Malekhukhola watershed in Nepal", *Asia-Pacific Journal of Rural Development*, Vol. xiii, No. 2., pp. 44-55, Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP), Dhaka, IF not available.
35. Neupane, R., K.R. Sharma and G.B. Thapa (2002), "Adoption of Agroforestry in the Hills of Nepal: A Logistic Regression Analysis", *Agricultural Systems*, Vol. 72, No. 3, pp. 177-196, Elsevier Ltd., IF 1.378 (in 2007).
36. Paudel, G.S. and G.B. Thapa (2001), "Local organizational capability for Land Management: A SWOT Analysis of Organizations in the Hills of Nepal", *Asia Pacific*

- Journal of Rural Development*, Vol. XI, No. 2, pp. 15-34, Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP), Dhaka, IF not available.
37. Thapa, G.B. and Paudel, G.S. (2002), "Status of land in the mountain watersheds of Nepal", *Land Degradation and Development*, Vol. 13, pp. 479-493, Wiley, IF not available.
  38. Neupane, R. and G.B. Thapa (2001), "Impact of the Agroforestry Intervention on Soil Fertility and Farm Income under the Subsistence Farming System of the Middle Hills, Nepal", *Agriculture, Ecosystems and Environment*, Vol. 84, pp. 157-167, Elsevier Ltd., IF 1.832 (in 2006).
  39. Thapa, G.B. (2001), "Changing Approaches to Mountain Watersheds Management in Mainland South and Southeast Asia", *Environmental Management*, Vol. 27, No. 5, pp. 667-679, Springer Verlag, New York, IF not available.
  40. Paudel, G.S. and G.B. Thapa, (2001) "Farmers' Changing Land Management Practices in the Hills of Nepal", *Environmental Management*, Vol. 28, No. 6, pp. 789-804, Springer Verlag, New York, IF not available.
  41. Neupane, R.P. and G.B. Thapa (2001), "Impact of Agroforestry on Farm Income Under the Subsistence Farming System of the Middle Hills, Nepal", *Agroforestry Systems*, Vol. 53, No. 1, pp. 31-37, Springer, IF not available.
  42. Thapa, G.B. and Paudel, G.S. (2000), "Evaluation of the Livestock Carrying Capacity of Land Resources in the Hills of Nepal Based on Total Digestive Nutrient Analysis", *Agriculture, Ecosystems and Environment*, Vol. 78/3, pp. 223-235, Elsevier Ltd., IF 1.832 (in 2006).
  43. Rahaman, S. and Thapa, G.B. (1999), "Environmental Impacts of Technological Change in Bangladesh Agriculture: Farmers' Perceptions and Empirical Evidence", *Outlook on Agriculture*, Vol. 28, No. 4, pp. 233-238, IP Publishing Ltd., London, IF not available.
  44. Bhusal, Y.R., Thapa, G.B. and Weber, K.E. (1998), "Thailand's Disappearing Forests: The Challenges to Tropical Forest Conservation", *International Journal of Environment and Pollution*, Vol. 9, Nos. 2/3, pp. 198-212, Inder Science Publishers, IF not available.
  45. Thapa, G.B. (1998), "Lessons Learned from Solid Waste Management in Kathmandu, Nepal", *Habitat International*, Vol. 22, No.2, pp. 97-114, Elsevier Ltd., IF 0.389 (in 2006).
  46. Thapa, G.B. (1998), "Issues in Sustainable Forest Management in Sangthong District, Laos", *Singapore Journal of Tropical Geography*, Vol. 19, No. 1, pp. 71-91, Blackwell Publishing, IF 0.872 ( in 2006)
  47. Thapa, G.B. (1996), "Land Use, Land Management and Environment in a Subsistence Mountain Economy in Nepal", *Agriculture, Ecosystems & Environment*, Vol 57, No.1, pp. 57-71, Elsevier Ltd., IF 1.832 (in 2006).
  48. Thapa, G.B. & Weber, K.E. (1995), "Status and Management of Watersheds in the Upper Pokhara Valley, Nepal", *Environmental Management*, Vol. 19, No. 4, pp. 497-513, Springer Verlag, New York, IF not available.
  49. Thapa, G.B. & Weber, K.E. (1995), "Natural Resources Degradation in a Small Watershed in Nepal: Complex Causes and Remedial Measures", *Natural Resources Forum*, Vol. 19, No. 4, pp. 285-296, Blackwell Publishing, IF 0.316 ( in 2006)
  50. Thapa, G.B. & Weber, K.E. (1994), "Issues in Natural Resources Management in Developing Countries", *Natural Resources Forum*, Vol. 18, No. 2, pp. 115-123, Blackwell Publishing, IF 0.316 ( in 2006)
  51. Thapa, G.B. & Weber, K.E. (1994), "Managing Mountain Watersheds in Nepal: Issues and Policies", *International Journal of Water Resources Development*, Vol. 10, No. 4, pp. 475-495, Carfax Publishing, IF not available.
  52. Thapa, G.B. & Weber, K.E. (1994), "Prospects of Private Forestry Around Urban Centres: A Study in Upland Nepal", *Environmental Conservation*, Vol. 21, No. 4, pp. 297-307, Cambridge University Press, IF not available.



53. Thapa, G.B. (1993), "Impacts of Emigration on Mountain Watersheds: The Upper Pokhara Valley, Nepal", *Asian and Pacific Migration Journal*, Vol. 4, No.2, pp. 417-438, Scalabrini Migration Center, Quezon City, Philippines, IF not available.
54. Thapa, G.B. & Weber, K.E. (1991), "Soil Erosion in Developing Countries: A Politico-economic Explanation", *Environmental Management*, Vol. 15, No.4, pp. 461-473, Springer Verlag, New York, IF not available.
55. Thapa, G.B. & Weber, K.E. (1991), "Deforestation in the Upper Pokhara Valley, Nepal", *Singapore Journal of Tropical Geography*, Vol. 12, No.1, pp. 52-67, Blackwell Publishing, IF 0.872 ( in 2006).
56. Thapa, G.B. & Weber, K.E. (1990), "Actors and Factors of Deforestation in "Tropical Asia", *Environmental Conservation*, Vol. 17, No.1, pp. 19-27, Cambridge University Press, IF not available.
57. Thapa, G.B. & Weber, K.E. (1989), "Population and Environment in the Hills of Nepal", *Asia-Pacific Population Journal*, Vol. 4, No.2, pp. 49-70, ESCAP, IF not available.
58. Thapa, G.B. & Weber, K.E. (1989), "Land Settlement in Tropical Asia: Determinants of Success or Failure", *Habitat International*, Vol. 13, No.4, pp. 147-160, Elsevier Ltd., IF 0.389 (in 2006).
59. Thapa, G.B. & Weber, K.E. (1988), "Resettlement Experiences and Alternatives in Thailand", *The Singapore Journal of Tropical Geography*, Vol. 9, No. 2, pp. 41-50, Blackwell Publishing, IF 0.872 ( in 2006).

#### **4. Regional and National Journal Articles:**

1. Viswanathan, P.K., Thapa, G.B., Routray, J.K. and Ahmad, M.M. (2012), "Agrarian transition and emerging challenges in Asian agriculture: a critical assessment, *Economic and Political Weekly*, Vol. XLVII, No. 4, pp. 41-50.
2. Paudel, G.S. and Thapa, G.B. (2004), "Status and Management of Farmland in the Hills of Nepal", *Forestry, Journal of Institute of Forestry, Nepal*, Issue No. 12, pp. 125-145.
3. Paudel, G.S. and G.B. Thapa (2002) "Local forest and rangeland management systems in the Hills of Nepal", *Banko Janakari*, Vol. 12. No.1, pp. 54-61, Department of Forestry, Kathmandu, IF not available.

#### **5. Other Non-referred Publications:**

1. Thapa, G.B. and Wahid, S.M. (eds.) (2005), *University Support to Environmental Management Planning (USEPAM)*. Proceedings of the Second Regional Workshop. Bangkok: Asian Institute of Technology.
2. Thapa, G.B. and Paudel, G.S. (2001), *Farmers' Land Management Practices in the Mountains of Nepal*, a research project report submitted to the Agricultural University of Norway.
3. Thapa, G.B. and Paudel, G.S. (1999), *Livestock Carrying Capacity of Land Resources in the Hills of Nepal*. A research report submitted to the Asian Institute of Technology.
4. Kammeier, H.D., Thapa, G.B. and Piracha, A. (1997), "Natural Resources and Environmental Management in a regional Context: A Study of Lowland Khlung District, Chanthaburi, Thailand", *SPRING Newsletter*, No. 5, Dortmund: SPRING International Association of Development Planners, pp. 4-10.
5. Routray, J.K., Thapa, G.B. and Ahmed, Albab (eds.) (1996), *Participatory Planning Framework for District Development: Amphoe Pakchong, Changwat Nakhon Ratchasima, Thailand*, HSD Research Paper No. 35, ISBN 974-0256-47-2.

6. Thapa, G.B., Sirisup, S. and Nil-ubol, V. (1996), *Sustainable Natural Resource Management in Sangthong, Vientiane Municipality, Lao P.D.R.* A research report submitted to the Lao-German Forestry Project, Vientiane, Lao P.D.R.
7. Thapa, G.B. (1996), *Renewable Natural Resources Management in Lao P.D.R.: Field Survey Manual*, Prepared for the Lao-German Forestry Project, Vientiane, Lao P.D.R.
8. Thapa, G.B. & Weber, K.E. (1993), *Prospects for Private Forestry Around Urban Centers: A Study in the Upper Pokhara Valley, Nepal*, HSD Research Paper No. 33, Bangkok: Asian Institute of Technology, ISBN 974-8209-90-3.
9. Thapa, G.B. (1993), "Environmental Conservation and Population Control: A Strategy for Reconciling the Dilemma in the Hills of Nepal", *The Kathmandu Post* (A Daily English Newspaper), May 2.
10. Thapa, G.B. (1993), "Environmental Management: Institutional Capability Building", *The Kathmandu Post* (A Daily English Newspaper), May 20, 1993.
11. Thapa, G.B., Weber, K.E. & Zin Aung (1992), *GIS Assisted Watershed Management: The Upper Pokhara Valley, Nepal*, Asian Institute of Technology, Bangkok, HSD Research Paper No. 29, ISBN 974-8209-57-1.
12. Thapa, G.B. & Devkota, K. (1992), *Renewable Natural Resources Management: A Select Bibliography of Experiences in South and Southeast Asia*, Asian Institute of Technology, Bangkok, HSD Reference Material No. 21, ISBN 974-8201-856.
13. Thapa, G.B. (1992), *Environmental Management in Nepal: Institutional Aspects*, SPRING Center, University of Dortmund, Dortmund, Germany, SPRING Working Paper No. 5.
14. Thapa, G.B. & Weber, K.E. (1991), *Soil Erosion in Developing Countries: Causes, Policies and Programs*, Asian Institute of Technology, Bangkok, Thailand, HSD Working Paper No. 35, ISBN 974-8201-643.
15. Thapa, G.B. & Weber, K.E. (1991), *Managing Renewable Natural Resources in Developing Countries: Issues in Farm, Forest and Grazing-land Management*, Asian Institute of Technology, Bangkok, Thailand, HSD Working Paper No. 36, ISBN 974-8201-856.
16. Thapa, G.B. & Weber, K.E. (1988), *Land Settlement Planning in Tropical Asia: Prospects for An Alternative Planning Strategy*, Asian Institute of Technology, Bangkok, Thailand, HSD Research Paper No. 16, ISBN 974-8200-973.
17. Thapa, G.B. & Weber, K.E. (1987), *Land Settlement Through the Kaleidoscope: Annotated Bibliography of Asian Experiences*, Asian Institute of Technology, Bangkok, Thailand, HSD Reference Material No.7, ISBN 974-8200-795.

## **6. Papers in Conference, Symposium and Workshop/Seminar Proceedings:**

1. Chau, T.M.L. and Thapa, G.B. (2007), Sustainability of coffee mono-cropping and integrated farming in Daklak Province, Vietnam, Proceedings of Regional Conference on Environmental Planning and Management Issues in Southeast Asian Countries, Hanoi, Agriculture Publishing House, pp. 195-213.
2. Thapa, G.B. (2005), "Natural Resources Management in Situations with Heterogeneous Social Structure and Access to Institutional Support Services in the Hills of Nepal", Book of Abstracts of the papers presented at the 11<sup>th</sup> International Symposium on Society and Resource Management, held at Ostersund, Sweden, June 16-19, 2005, p. 114.
3. Thapa, G.B. and Neupane, R. (2004), Participation or Just Representation in Watershed Management Planning and Implementation in Mountain Watersheds", Proceedings of the International Conference on "The Great Himalayas: Climate, Health, Ecology, Management and Conservation", held on January 12-15, 2004, Kathmandu, organized by the Equatic Ecosystem Health and Management Society, Canada and Kathmandu University, pp. 116-127.

4. Rasul, G. and Thapa, G.B. (2004), State Policies, Praxis and Land Use in the Chittagong Hill Tracts of Bangladesh. Proceedings of the 18<sup>th</sup> European Conference on Modern South Asian Studies, at Lund University, Sweden, 6-9 July, 2004. [Http://www.sasnet.lu.se/EASASpapers/8GolamRasul.pdf](http://www.sasnet.lu.se/EASASpapers/8GolamRasul.pdf)
5. Pandit, B.H. and G.B. Thapa (2003), "Equity in Benefit Sharing of Common Property Resources: A Case of Medicinal Aromatic Plants in the Mountains of Nepal", Proceedings of the Workshop on Common Property Resources Management and Equity held in Kathmandu on May 28, 2003, organized by Forest Action and sponsored by ICIMOD.
6. Pandit, B.H. and G.B. Thapa (2003), "Who Gains from NTFP Trading in the Mountains of Nepal." In Hiremath A.J, Joseph G.C. and Shanker R.U. (Eds.), *Proceedings of the NTFP Workshop on Policies, Management, Utilization, and Conservation of Non-Timber Forest Products in the South Asia Region*, organized by Food and Agriculture Organization and Ashoka Trust for Research in Environment and Ecology, Bangalore, India, April 24- 30, 2003, pp. 49-52.
7. Pandit, B.H, Thapa, G.B. and Neupane, R.P. (2003), "Domesticated Non-Timber Forest Products as the Major Sources of Livelihood for Hill Tribes in Marginal Mountains Farms of Nepal." In Ya, Tang and Tulachan P.M (eds.), *Mountain Agriculture in the Hindu Kush-Himalayan Region*, Proceedings of an International Symposium held on May 21-24, 2001 in Kathmandu, Nepal. page No. 119-122.
8. Pandit, B.H. and G.B. Thapa (2002), "Non-Timber Forest Products (NTFPs) on Marginal Lands: A means of Improving Livelihood Systems of Rural Hill Tribes and Watershed Health Condition in the Mountains of Nepal". A paper presented at the International Conference on Sustainable Environmental Sanitation and Water Services organized by Water Engineering and Development Center (WEDC), Loughborough University, held at Kolkata, India, November 18-22, 2002.
9. Thapa, G.B. (2001), "Challenges and Opportunities for Sustainable Mountain Development in South and Southeast Asia: Strategic Perspectives", *Proceedings of the World Mountain Symposium*, 30 September – 4 October, 2001, Interlaken, Switzerland.
10. Pandit, B.H and G.B. Thapa (2001), "Domestication of Non-Timber Forest Products in a Mountain Watershed of Nepal". Proceeding of the International Mountain Conference held in Kathmandu, May 21-25, organized by ICIMOD.
11. Neupane, R.P. and G.B. Thapa, (2000), "Tree-crop Integration in Farmland, their Impact on Soil Fertility and Farm Income and Influencing Factors for Adoption under the Subsistence Farming systems of Middle Hills, Nepal". Paper presented at the *CIFOR, FOREASIA and ETFRN workshop on Cultivating (in) Tropical Forests: The Evolution and Sustainability of Intermediate Systems between Extractivism and Plantations* held at Loftan, Norway, June 28 – July 1.
12. Neupane, R.P., B.K. Sitaula and G.B. Thapa (2000), "Deforestation and Agroforestry in the Hills of Nepal", in J. Lag (ed.), *Geomedical Problems in Developing Countries*", Proceedings of International Symposium, The Norwegian Academy of Science and Letters, Drammensvein, pp. 220-234.
13. Thapa, G.B. (2000), "Integrated Watershed Management: Basic Concepts and Issues", *Proceedings of the Short Course on Basic Concepts and Issues of Integrated Watershed Management*. Lao-Danida National Capacity Building Project/Ministry of Agriculture and Forestry, Vientiane June 12-23, 2000, pp. 5-15.
14. B.K. Sitaula, P.L.. Sankhayan, G.S. Paudel, R.P. Neupane, G.B. Thapa, B.R. Singh and O. Hofstad (1999), "Land Degradation in Himalayan Regions", in J. Lag (ed.), *Geomedical Problems in Developing Countries*", Proceedings of International Symposium, The Norwegian Academy of Science and Letters, Drammensvein, pp. 193-208.

15. Devkota, S.R. and Thapa, G.B. (1998), "People's Willingness to Pay for Municipal Solid Waste Management: A Case Study of Kathmandu, Nepal", *Proceedings of the International Conference on Quality of Life: Environment, Health, Hygiene and Sanitation in Nepal*, Sushma Koirala Trust and Sulabh International, Kathmandu, June 15-16, 1998, 19p.

**7. Participation in/Papers Presented at International Conferences, Seminars and Workshops:**

1. Participated as a resource person in International Exchange Program on Participatory Watershed Management: Lessons Learned from Nepal and Thailand organized by the Center for People and Forest (RECOFT), Bangkok, Thailand on October 7, 2013.
2. Participated in an international workshop on "A Comprehensive Assessment of the Hindu Kush Himalayas: Action to Sustain the Global Asset" organized by the International Center for Integrated Mountain Development in Kathmandu, Nepal during 2-3 September, 2012.
3. Thapa, G.B., Routray, J.K., Ahmad, M.M. and Viswanathan, P.K., (2010), Agricultural transition in Asia: Understanding critical facets and developing future perspectives. A paper presented at the International Conference on Revisiting Agrarian Transformations in Southeast Asia: Empirical, Theoretical and Applied Perspectives, 13-15 May 2010, Chiang Mai, Thailand
4. Memon, J.A. and Thapa, G. (2010), "Impacts of upstream irrigation development on deltaic landscape, resources and livelihood –A case of Indus delta in Sindh Province, Pakistan", the 1<sup>st</sup> international conference on Environmental and Rural Development, Phnom Penh, Cambodia, March 4-5, 2010.
5. Nepal, R., Knerr, B. and Thapa, G.B. (2009), "Agricultural commercialization with High Valued Crops in a Peri-urban center of Nepal." International Conference on Research for Development in Agriculture and Forestry, Food and Natural Resource Management, University of Hamburg, October 6 - 8, 2009.
6. Rasul, G. and Thapa, G.B. (2003), "Factors Influencing Land Use Pattern in the Chittagong Hill Tracts of Bangladesh: A Spatial Analysis". A paper presented at the USEPAM Regional Workshop held on July 22-24, 2003, Hanoi Agricultural University, Hanoi.
7. Shrestha, B. and Thapa, G.B. (2002), "Factors Differentiating Active and Passive User Groups Induced for Watershed Management in the Western Hills of Nepal". A paper presented at a conference on Challenges and Options for the Sustainable Development of the Himalayas-beyond 2002, held at CSK-Himachal Pradesh Agricultural University, Palampur, Himachal Pradesh, India 1-4 October 2002.
8. Neupane, R.P. and Thapa, G.B. (2001), "Agroforestry Interventions for Improving Livelihoods of the Subsistence Households in the Hills of Nepal." Paper presented at the International Symposium on Marginal Mountain Farms, International Centre for Integrated mountain Development, Kathmandu, 21-24 May 2001.
9. Thapa, G.B and Lo, F. (1999), "UNU-AIT Experience in Short Training Course on Planning for Environmentally sustainable Development". A paper presented at the *International Conference on Environmental Education*, 14-18 January, University of New South Wales, Sydney.
10. Visvanathan, C. and Thapa, G.B. (1999), "Environmentally Sustainable Solid Waste Management in Asia". A paper presented at the *Asian Regional Workshop on Environmental Technology*, AIT, January 27-29.
11. Thapa, G.B. (1995), "Problems and Prospects of Sustainable Solid Waste Management in Nepal". A paper presented at the *Third Asian Planning Schools Congress* held at the Singapore National University, Singapore, September 22-24.

12. Thapa, G.B. (1993), "Decentralized Natural Resources Management". A paper presented at *A Short Training Course on Planning and Management of Rural Development*, May 17 - June 21, CEDA, TU, Kathmandu.
13. Thapa, G.B. (1993), "Deforestation and Land Degradation: Causes, Consequences and Analytical Methods". A paper presented at *A Short Training Course on Environmental Management*, May 25 - June 30, 1993, CEDA, TU, Kathmandu.
14. Thapa, G.B. (1985), "Migration Pattern in the Western Development Region, Nepal" A paper presented at the Regional Seminar on Population and Development, Pokhara, Nepal.

## **B. Research grants and sponsored projects**

### **Research Grants:**

Project	Sponsor
Land Use Planning & Management in Watersheds	GTZ/CIDA
GIS Assisted Watershed Management	GTZ
Environmental Program for Nepal: Institutional Aspect	DAAD
Natural Resource Management in Developing Countries: Bibliography	CIDA
Private Forestry Around Urban Centers in Nepal	CIDA/GTZ
Sustainable Natural Resource Management in Sangthong, Lao P.D.R.	Lao-German Forestry Project
Prospects of Sustainable Solid Waste Management in Kathmandu, Nepal	The Netherlands Govt.
Livestock Carrying Capacity of Land Resources in the Hills of Nepal	AIT Faculty Research Initiation Grant
Soil and Forest Degradation in Marginalised Agriculture of Nepal. An international collaborative project	Norwegian Research Council
Local Institutional Arrangements for Watershed Management in Galaudi-Pokhare Khola Watershed, Dhading District Nepal	DANIDA-AIT
Natural Resources Management by Different Ethnic Groups in Galaudi-Pokhare Khola Watershed, Dhading District, Nepal	DANIDA-AIT
Use and Management of Commons in Tonle Sap Lake, Cambodia	USEPAM Project/Cambodia

### **Sponsored projects:**

Project	Sponsor
---------	---------

Capacity building for sustainable development planning (1995 – 2000)	UNU/IAS
University Support for Environmental Management Planning (USEPAM ) (2002 – 2007)	Danida
Education for sustainable development – jointly with Ramboll Natura, Sweden (2009)	SIDA
Asian agriculture in transition (2010)	Rockefeller Foundation
AgLEARN (May 2012 – April 2015)	USAID/RDMA

#### **D. Development Project:**

Integrated Watershed Management in Galaudi-Pokhare Khola Watershed, Dhading District, Nepal. This project was implemented during June 2003 – May 2006 using the cash award provided by Swiss Re. It contributed to improve the socioeconomic condition of a hill tribe, locally called Chepang, by mobilizing them for improved management of grazing-land, forest, farmland and water resources. The specific activities carried out through user groups were: community forestry, grazing-land management, integration of commercially valuable non-timber forest products with agroforestry, conservation ponds and protection of water sources such as springs. Nepal Agroforestry Foundation, an NGO based in Kathmandu, Nepal, had taken primary responsibility for implementation of project activities under our supervision. Being far away from the project site it was impossible for us to be directly involved in implementation of project activities.

#### **V. Service/Outreach**

##### **A. Training Courses/Workshop Organized**

- International Training Program on ESD in Higher Education held at AIT from August 3 – 13, 2009
- Regional workshop on Understanding the Agricultural Transition in Asia held at AIT on April 23, 2010
- Five international training courses on Planning for Sustainable Development organized at AIT once a year from 1995 - 2000

##### **A. Professional Service**

- Served as resource person for a training course on Finance Management and Monitoring organized by AIT Extension from in August 2013.
- Served as resource person for a training course on Managing Rural Development organized by RRDP from September 5 - 10, 2011.
- Served as Resource Person for a training course on Managing for Development Results organized by the AIT Extension from November 9 – 16, 2009.
- Coordinated the Asian component of an International Training Program on Education for Sustainable Development in Higher Education implemented jointly by AIT and Ramboll Natura, Sweden from January to November 2009. I also served as Resource Person at the Regional Workshop held at AIT from August 3 – 13, 2009.

- Assisted the Royal University of Phnom Penh and the Ministry of Environment, Cambodia staffs to design and conduct a short-training course on Environmental Management Planning for provincial officials in Cambodia in 2005.
- Organized two USEPAM Regional Workshops and one Regional Conference during 2002 – 2007.
- Directed six (1995-2000) UNU-AIT short training courses on "*Planning for Environmentally Sustainable Development in the Asia-Pacific Region*", organized jointly by the School of Environment, Resources and Development, AIT, Bangkok and the United Nations University, Tokyo at AIT, Bangkok.
- Directed a training course on *Basic Concepts and Issues of Integrated Watershed Management* organized by Lao-Danida Institutional Capacity Building Project/Ministry of Agriculture and Forestry, Vientiane June 12-23, 2000.
- Coordinated a four-day workshop on "*Sustainable Natural Resources Management Planning Capability Building of the Vientiane Forestry College, Vientiane, Lao P.D.R.*", March 6 - 9, 1996, organized and sponsored by the Lao-German Forestry Project, Vientiane.
- Designed and coordinated a four-week short training course on *Environmental Management*, organized by the Centre for Economic Development and Administration, Kathmandu in collaboration with the Dalhousie University, Canada, May 17 - June 21, 1993, CEDA, TU, Kathmandu.
- Serving as editorial board member of the *Environmental Management* journal published by Springer Verlag, New York.

- **Significant institute committee service**

- 1. FoS/Program**

- Member of the task force on IWDM program

- 2. School**

- Chairperson of the Professorial Board
- Member of the task force on Sustainable Development Program
- Member of the SERD Infrastructure Committee

- 3. Institute**

- Member of the Undergraduate Program Committee
- Member of the Senate task force in undergraduate program
- Member of the Budget Committee
- Member of the Faculty Evaluation Panel
- Member of the Senate ad hoc committee on Streamlining of the Academic Degree Titles
- Coordinator of the panel for formulation of the Danida supported USEPAM project

- **Administrative service**

- 1. FoS/Program**

- RRDP Coordinator, from 2004 to 2010
- IWDM Faculty Coordinator, 1999 – 2003

- **School**

- Regional Coordinator and Long Term Technical Adviser, USEPAM Project, 2002 – 2007
- Interim Coordinator of the Sustainable Development Program

#### **D. Promotion and marketing**

I am actively engaged in promotion of AIT in countries like Afghanistan, Pakistan, Cambodia, Laos and Vietnam in cooperation with our friends and former students.

#### **E. Community service**

##### **1. Consulting activities**

- HRD need assessment of Afghan universities sponsored by IDRC through ICIMOD/Nepal. I participated in the mission undertaken in April 2008.
- National Capacity Building Project, Laos. Directed a workshop-cum training program on Integrated Watershed Management for Lao officials in June 2000
- Lao-German Forestry Project. Directed a workshop-cum training program on Integrated Natural Resources Management for Dong Dok Forestry College officials in 1996
- UNDP/Nepal. Designed and conducted a training course on environmental management in 1993