

RESEARCH INTERESTS

1. Biostatistics and Research Design;
2. Curriculum Development;
3. Women in Aquaculture;
4. Tilapia Farming;
5. Broodstock Management and Fry Production;
6. Technology Transfer/ Extension / Commercialization
7. Internship and Industry Linkages
8. Aquaculture Business

TEACHING

1. Research Design and Methods
2. Statistical Application in Aquaculture and Aquatic Resources Management
3. Statistics for Managers
4. Inland Aquaculture
5. Recent Advances in Aquaculture
6. Global Aquaculture Business – Managerial Perspectives
7. Aqua Feed Business
8. Entrepreneurship and Aqua Business

SELECTED PUBLICATIONS

Books

1. **Bhujel**, R.C. (*In preparation*). A Manual for Tilapia Business Management. CAB International.
2. Suresh, V. and **Bhujel**, R.C. 2012. Tilapias, 338-364. *In* J. Lucas and P.C. Southgate (eds)

Aquaculture: Farming of Aquatic Animals and Plants, 2nd Edition. Wiley-Blackwell. 648 pp.

3. **Bhujel**, R.C. 2008. Statistics for Aquaculture. Wiley-Blackwell Publishing 224 pages. ISBN: 978-0-8138-1587-9 (Bestseller book from Wiley-Blackwell in Aquaculture/ Fisheries, 2010).
4. A.K. Rai, R.C. **Bhujel**, S.R. Basnet and G.P. Lamsal, 2005. Rainbow trout (*Oncorhynchus mykiss*) culture in the Himalayan Kingdom of Nepal – a success story. APAARI, FAO Regional Office for Asia and the Pacific, Bangkok. APAARI Publication no. 2005/1.

Peer reviewed journal articles

1. Coelhoa, S., Oliveiraa, R., Pereiraa, P., Mussoa C., Dominguesa, I., **Bhujel**, R.C., Soaresa, A.M.V.M., AntónioJ.A.Nogueiraa, A.J.A. 2011. Assessing lethal and sub-lethal effects of trichlorfonon different trophic levels. *Aquatic Toxicology* 103 (2011) 191–198.
2. **Bhujel**, R.C., M.K Shrestha, J. Pant, S. Buranrom, 2008. Ethnic Women in Aquaculture in Nepal. *Development*, 51: 259-264.
3. **Bhujel**, R.C., D.C. Little, M. A. Hossain, 2007. Reproductive performance and the growth of stunted and normal Nile tilapia (*Oreochromis niloticus*) broodfish at varying feeding rates. *Aquaculture* 273:71-79.
4. Hossain, A. Little, D.C., **Bhujel**, R.C. 2003. Nursing duration and pond fertilization level affects polycultures of Indian major carp (Rohu, *Labeo rohita* and Mrigal, *Cirrhina mrigala*) with monosex Nile tilapia, *Oreochromis niloticus*. *Aquaculture Research*, 34 (9): 765-775.
5. Little, D.C., **Bhujel**, R.C. and Pham, T.A. 2003. Advanced nursing of mixed sex and MT-treated tilapia (*Oreochromis niloticus*) fry, and its impact on subsequent growth in fertilized ponds. *Aquaculture*, 221 (1-4): 265-276.
6. **Bhujel**, R.C., A. Yakupitiyage, D.C. Little, W.A. Turner, 2001. Selection of a commercial feed for Nile tilapia (*Oreochromis niloticus*) broodfish breeding in a hapa-in-pond system. *Aquaculture*, 194: 303-314.
7. **Bhujel**, R.C., W.A. Turner, A. Yakupitiyage, D.C. Little, 2001. Impacts of environmental manipulation on the reproductive performance of Nile tilapia (*Oreochromis niloticus*). *Journal of Aquaculture in the Tropics*16(3): 197-209.
8. Yadav, C.N.R. and **R.C. Bhujel**, 2001. Water resources and its utilization for aquaculture in Nepal. *Journal of the Institute of Agriculture and Animal Science*, Rampur, Nepal: 19-20(1998/99): 193-197.
9. **Bhujel**, R. C. 2000. A review of strategies for the management of Nile tilapia (*Oreochromis niloticus*) broodfish in seed production systems, especially hapa-based systems. *Aquaculture* 181:37-59.

10. Little, D.C., K. Coward, **R.C. Bhujel**, P.A. Tuan and N.R. Bromage. 2000. Effects of conditioning period and presence/absence of Rohu on the reproductive performance and the blood hormone levels of Nile tilapia female broodfish. *Aquaculture* 186:77-88.
11. Shrestha, M.K. and **R.C. Bhujel**. 1999. A preliminary trial on culture of Nile tilapia (*Oreochromis niloticus*) polyculture with common carp (*Cyprinus carpio*) fed with duckweed (*Spirodela*) in Nepal. *Asian Fisheries Science* 12: 83-89.

Book Chapters/edited proceedings:

1. **Bhujel**, R.C. 2011. How to produce billions of high quality tilapia fry p. 123-131. *In* Better Science, Better Fish, Better Life proceedings of the ninth international symposium on tilapia in aquaculture (eds) L. Liping and K. Fitzsimmons Aqua-Fish Collaborative Research Support Program. 409 pages.
2. Baqui, M. A. and **Bhujel**, R. C. A hands-on training helped proliferation of tilapia culture in Bangladesh p. 311-322. *In* Better Science, Better Fish, Better Life proceedings of the ninth international symposium on tilapia in aquaculture (eds) L. Liping and K. Fitzsimmons Aqua-Fish Collaborative Research Support Program. 409 pages.
3. **Bhujel**, R.C. 2011. All-male tilapia culture: techniques and challenges p. 23-30. *In* Asia-Pacific Aquaculture and Giant Prawn 2011. 17-20 Jan 2011. Kochi, India. 110 pages.
4. **Bhujel**, **R.C.** 2010. Links that matter: Recurring themes in EU-Asian Higher Education Cooperation, Part III: Sustainability of EU-Asian academic collaboration: 8. Financial sustainability - Aqua-Internship: A Model for Financially Sustainable Academic Collaboration. NUFFIC, DAAD, UEA, EU.
5. **Bhujel**, R.C. 2008. The role of the Asian Institute of Technology in the promotion of tilapia for aquaculture. *In* 8th International symposium on Tilapia in Aquaculture (ISTAVIII), Editors, Elghobashy, H. Fitzsimmons, K. and Diab, A.S. vol. 1, 12-14 Oct 2008. Cairo, Egypt.
6. Bartley, D.M; **Bhujel**, **R.C.**; Fung-Smith, S.; Olin, P.G.; Phillips, M.J. (Eds.), 2005. International Mechanisms for the control and responsible use of alien species in aquaculture ecosystems. Report of an Ad Hoc Expert Consultation, 27-30 August 2003, Xishuangbanna, China. FAO, 195 pages.
7. A. Yakupitiyage and **R.C. Bhujel**, 2005. Role of Exotic Species in Aquaculture: Problems & Prospects in Indochina. *In* Bartley, D.M; Bhujel, R.C.; Fung-Smith, S.; Olin, P.G.; Phillips, M.J. (Eds.). International Mechanisms for the control and responsible use of alien species in aquaculture ecosystems. Report of an Ad Hoc Expert Consultation, 27-30 August 2003, Xishuangbanna, China, FAO, 195 pp.
8. **Bhujel**, **R.C.**, W.A. Turner, A. Yakupitiyage, D.C. Little, 2000. Broodfish selection and its effect on seed output of Nile tilapia (*Oreochromis niloticus*) in large-scale commercial seed production

system, p. 334-340 (Vol. 2). *In* Fitzsimmons, K. and Filho, J.C. (editors), *Tilapia Aquaculture in the 21st Century - Proceedings of the Fifth International Symposium on Tilapia in Aquaculture (ISTA 5)*, Rio de Janeiro - RJ, Brazil, Sept. 3-7, 2000. 682 p.

9. Little, D.C. W.A. Turner and **R.C. Bhujel**, 1997. Commercialization of a hatchery process to produce MT-treated Nile tilapia in Thailand. p. 108-118. In D.E. Alston, B.W. Green and H.C. Clifford (Eds.), *IV Symposium on aquaculture in Central America: focusing on shrimp and tilapia*, 22-24 April 1997, Tegucigalpa, Honduras, Asociacion Nacional de Acucultores de Honduras and the Latin American Chapter of World Aquaculture Society, 237 p.

Magazine and Newsletter articles

1. **Bhujel**, R.C. and Woollard, M. 2011. Tilapia Farming Faces Expansion Issues In Thailand. *The Advocate*, Global Aquaculture Alliance, May/June, 2011: 16-18.
2. **Bhujel**, R.C. 2009. Artificial incubation, hormonal sex-reversal promoted tilapia boom. *Global Advocate*, Sept/Oct 2009: 73-75.
3. Belton, B., Turongruang, D., **Bhujel**, R. and Little, D.C. 2009. The history, status, and future prospects of mono-sex tilapia culture in Thailand. *Aquaculture Asia Magazine* Apr-Jun 2009, 16-19 pages.
4. **Bhujel**, R. and Stewart, J. 2007. Sustainable tilapia culture in Thailand. *Fish Farmer*, November/December: 38-39.
5. Stewart, J. and **Bhujel**, R.C., 2007. Aquaculture and environmental sustainability in Thailand: food or financial security? *Aquaculture Asia*, Vol. XII, No. 2, Apr-Jun 2007.
6. Pant J., M.K. Shrestha and R.C. **Bhujel**, 2006. Promotion of small-scale aquaculture in Chitwan valley, Nepal. In *World Aquaculture Compendium*. CABI Publishing, U.K.
7. H.P.V. Huy, A. MacNiven, N.V. Tu, R.C. **Bhujel** and David C. Little. 2003. Tilapia seed production in Ho Chi Minh City, Southern Vietnam. *Aquaculture Asia*, Oct/Dec, 2003 (Vol. III, No.4): 23-25.
8. **Bhujel**, R. C. 2002. Night Lighting Improves Tilapia Production in Thailand Trial. *The Advocate*, Global Aquaculture Alliance, December, 32-33 p.
9. **Bhujel**, R.C. and Naditrom, P. 2002. Survey results: Culture of sex-reversed tilapia in Thailand. *The Advocate*, Global Aquaculture Alliance, August, 88-89 p.
10. **Bhujel**, R.C. 2002. Nutrition and low-cost feeding management for tilapia. *Panorama Acucultura*, 7(4).
11. **Bhujel**, R.C. 2001. Testing Commercial Feeds with Tilapia Broodstock. *The Advocate*, Global Aquaculture Alliance, December 2001, 61-62 p.

12. **Bhujel**, R.C. 2001. Recent Advances in Tilapia Nutrition, Feeds and Feed Management. The Advocate, Global Aquaculture Alliance, April 2001, 44-47 p.
13. **Bhujel**, R.C. and A.V. Suresh, 2000. Advances in tilapia broodstock management. The Advocate, Global Aquaculture Alliance, October/2000, Vol. 3(5): 19-22 p.
14. **Bhujel**, R.C., Turner, W.A. and Little, D.C. 1998. Quality monitoring of sex-reversed tilapia fry. Fish Farmer, Sept/Oct., 1998. Vol. 21(5): 34-37 p.
15. **Bhujel**, R. and Shrestha, M.K. 2007. Women in Aquaculture project in Nepal. Aquaculture News, Institute of Aquaculture, University of Stirling, 33: 26-27.
16. **Bhujel**, R. 2003. Introduction and stocking of exotic species: economic gain vs. biodiversity loss. AARM Newsletter, 8(1): 11-15.
17. **Bhujel**, R. 2002. Aquatic animal feed and nutrition – Editorial. AARM Newsletter, 7(2):1.
18. **Bhujel**, R. and A. Yakupitiyage, 2002. Exotic fish species for aquaculture in South East Asia. AARM Newsletter, 7(2): 20.
19. **Bhujel**, R. 2002. Role of lipids and essential fatty acids on the commercial fry production of Nile tilapia. AARM Newsletter, 7(2): 9-10.
20. **Bhujel**, R., J. Pant and M. Shrestha, 2002. Women in Aquaculture in Nepal: Phase II. AARM Newsletter, 7(1): 17-19.
21. **Bhujel**, R., J. Pant and A. Yakupitiyage, 2000. AARM Mission to Nepal: (i) AARM signs MoU with IAAS, (ii) A workshop on "Small-Scale Aquaculture in Nepal: Problems and Prospects" and (iii) AARM launches "Women in Aquaculture" Project in Nepal. AARM Newsletter, Vol. 5 (1-3): 24-26.
22. **Bhujel**, R. 1999. El Nino and La Nino effects on tilapia seed production! AARM Newsletter Vol. 4 (3). 10.
23. **Bhujel**, R. 1997. A new record! Tilapia fry sale reached nearly 10 million a month. AASP Newsletter, 2(4): 16.
24. **Bhujel**, R. 1997. Fry quality is the main factor behind the success of AIT's joint venture tilapia hatchery. AASP Newsletter, 3(2): 2, 3&9.
25. **Bhujel**, R. 1997. AIT technology for tilapia fry production attracts attention. AASP Newsletter 3(3): 8.
26. **Bhujel**, R. 1997. AIT tilapia and hapa flew to Bangladesh. AASP Newsletter, 2(4): 12&17.
27. **Bhujel**, R. 1997. Joint venture project - a success story of technology transfer. AASP Newsletter

2(3): 14&18.

Reports and conference papers:

1. **Bhujel**, R. C. 2011. Asia-Link internship: an effort to enhance aquaculture and fisheries education. April 22-23, 2011. Shanghai, PR China.
2. **Bhujel**, R.C. 2011. How to produce billions of high quality tilapia fry. ISTA9, April 22-23, 2011. Shanghai, PR China.
3. Baqui, A. and **Bhujel**, R.C. 2011. A hands-on training helped proliferation of tilapia culture in Bangladesh: ISTA9, April 22-23, 2011. Shanghai, PR China.
4. **Bhujel**, R.C., Shrestha, M.K 2011. Small-scale Aquaculture: AwF-Nepal II – Year I Report: Project Report. AIT, Thailand and IAAS, Nepal. 19 pages.
5. Bhujel, R.C. 2011. Improving Fisheries/Aquaculture Curricula and Enhancing Employability of Graduates: AIT Experience, p. 41-58. May 8-10, 2011. Fisheries College and Research Institute, Tamilnadu, India. 271 pages.
6. **Bhujel**, R.C. 2011. Final Report: Technical Assistance for the Culture of Mouth-brooding Tilapias (*Oreochromis spp.*) in Zambia. FAO/TCP-Zambia/2303(D), 36 pages.
7. **Bhujel**, R. C. 2011. A Guidebook for the Culture of Mouth-brooding Tilapias (*Oreochromis spp.*) in Zambia, 67 pages.
8. **Bhujel**, R.C. 2011. Issues of tilapia seed production and grow-out. WAS-APC Conference January 18-20, 2011.
9. **Bhujel**, R. C., 2011. Promotion of Sustainable Aquaculture for Livelihood Improvement. Knowledge Management and Sustainable Development. Regency Hyatt, Kathmandu, Nepal. AIT Alumni Conference. Dec 8-10, 2010.
10. **Bhujel**, R.C., M.K. Shrestha and H. R. Devkota. 2010. Final Report AwF – Nepal, Phase I: Empowering women through aquaculture and vegetable gardening in rural areas. 42 pages.
11. **Bhujel**, R.C. 2010. On–farm feed management practices for Nile tilapia (*Oreochromis niloticus*) in Thailand. FAO Expert Consultation Workshop on On-farm Feeding and Feed Management in Aquaculture, 13-15 September 2010. Manila, Philippines.
12. **Bhujel**, R.C. 2010. A Review of Aquaculture Development and Policies in Asia; Bangladesh, Nepal and Thailand. Sustainable Aquaculture Research Networks in Sub Saharan Africa (SARNISSA). 56 pages.
13. **Bhujel**, R.C. and Bart, AN. 2009. Improving aquaculture and fisheries education through curriculum development and aqua-internship. International Symposium on Aquaculture and

Fisheries Education (ISAFE), Asian Fisheries Society, AIT and Shanghai Ocean University, November 27-29, 2009.

14. **Bhujel, R.** 2009. Networking Dialogue for the Promotion of aquaculture in Nepal. Sustainable Aquaculture Research Network for Sub-Saharan Africa (SARNISA), E-workshop, 28- Sept – 12 Oct 2009 (Resource paper).
15. **Bhujel, R. C.** 2009. Aqua-internship: a pre-job training as a part of academic degree. WAS Conference, Kuala Lumpur, Nov 4-6, 2009.
16. **Bhujel, R.C.** 2009. Production technique of millions of tilapia fry and its adoption worldwide presented in WAS Conference in Vera Cruz Mexico, Sept 19-25, 2009.
17. **Bhujel, R.C.** 2009. Aqua-Internship in Asia: Opportunities for Students. WAS Conference in Vera Cruz Mexico, Sept 19-25, 2009.
18. **Bhujel, R.C.** Shrestha, M.K. and H. Devkota, 2009. AwF support to women for small-scale aquaculture in mid-hills of Nepal, WAS Conference in Vera Cruz Mexico, Sept 19-25, 2009.
19. **Bhujel, R.C.** 2009. Production technique of millions of tilapia fry and its adoption worldwide presented in WAS Conference in Vera Cruz Mexico, Sept 19-25, 2009.
20. Sukanya, B. and R. C. **Bhujel**, 2009. Women in Development through Aquaculture: Experience from the Ethnic communities in Nepal. *In* Improving the quality of social life in Asia Pacific: a challenge for sociology, 9th Conference of the Asia Pacific Sociological Association, Bali, Indonesia, Jun 13-15, 2009.
21. **Bhujel, R.C.** 2009. How can we sustain the partnerships; with or without external funding? Workshop under Europe and Asia Higher Education Program (EAHEP) organized by European University Association (UEA). Jakarta Jun 8-9, 2009.
22. **Bhujel, R.C.** 2009. Increasing role and potential of Small-Scale Aquaculture: National, regional and global perspectives. *In* the Symposium on 'Small-scale Aquaculture for Increasing Resilience of Rural Livelihoods in Nepal' Feb 5-6, Kathmandu, Nepal.
23. Pant, J. Shrestha, M.K. and **Bhujel, R.C.** 2009. Integrated agriculture-aquaculture systems for increasing resilience of rural livelihoods in Nepal. *In* the Symposium on 'Small-scale Aquaculture for Increasing Resilience of Rural Livelihoods in Nepal' Feb 5-6, 2009, Kathmandu, Nepal.
24. Shrestha M.K, Pant J. and **Bhujel, R.C.** 2009. Small-scale aquaculture development model for rural Nepal. *In* the Symposium on 'Small-scale Aquaculture for Increasing Resilience of Rural Livelihoods in Nepal' Feb 5-6, Kathmandu, Nepal.
25. Jha, D.K. and R.C. **Bhujel**, 2009. Incidence of fish diseases and management practices in Nepal. *In* the Symposium on 'Small-scale Aquaculture for Increasing Resilience of Rural

Livelihoods in Nepal' Feb 5-6, Kathmandu, Nepal.

26. **Bhujel**, R.C. 2009. A success story of promotion of tilapia culture. Society of Aquaculture Professionals (SAP), Chennai, India. February 16-17. 2009.
27. **Bhujel**, R.C., M.K. Shrestha and H. R. Devkota. 2009. Mid-term Report AwF – Nepal, Phase I: Empowering women through aquaculture and vegetable gardening in rural areas. 16 pages.
28. **Bhujel**, R.C. 2008. AwF-Nepal: Project Initiation Report.: Empowering women through aquaculture and vegetable gardening in rural areas, Phase I: Asian Institute of Technology. 4 p.
29. **Bhujel**, R.C. 2008. *A Manual for Tilapia Culture*. Asian Institute of Technology (AIT). 40 p.
30. **Bhujel**, R.C. and Nepal, A. 2008. African catfish in Nepal: problems and prospects. Catfish Aquaculture in Asia – present status and challenges for sustainable development, Can Tho University, 5-7 Dec 2008.
31. **Bhujel** R.C. and Amrit N. Bart. 2008. Improving aquaculture and fisheries education in the Mekong region. International Symposium in Sustainable Fish Biodiversity, Fisheries and Aquaculture in the Mekong Basin. Sept 3-5, 2008. Ubonrachathani, Thailand.
32. Nepal, A. and **R.C. Bhujel**. 2008. Exotic catfish and tilapia in Phewa Lake: a problem or solution? International Symposium in Sustainable Fish Biodiversity, Fisheries and Aquaculture in the Mekong Basin. Sept 3-5, 2008. Ubonrachathani, Thailand.
33. **Bhujel**, R. and A. Bart. 2008. Aqua-internship: helping aquaculture-fisheries graduates in finding jobs. Supplementary Session on Education and Research Activities, International Institute of Fisheries Economics and Trade (IIFET), Nha Trang, Vietnam, July 23, 2008.
34. Bart, A. and R. **Bhujel**, 2008. Academic curriculum improvement to meet the changing needs of higher education in aquaculture and fisheries. Supplementary Session on Education and Research Activities, International Institute of Fisheries Economics and Trade (IIFET), Nha Trang, Vietnam, July 22-25, 2008.
35. D. K. Jha and R.C. **Bhujel**. 2008. Fish bio-diversity in the Narayani river system of central Nepal. International Symposium in Sustainable Fish Biodiversity, Fisheries and Aquaculture in the Mekong Basin. Sept 3-5, 2008. Ubonrachathani, Thailand.
36. B. R. Chavan, A. Yakupitiyage, R. C. **Bhujel**, D. P. Thakur. 2008. Introduction of tilapia culture in India: lesson to be learned from Mekong countries. International Symposium in Sustainable Fish Biodiversity, Fisheries and Aquaculture in the Mekong Basin. Sept 3-5, 2008. Ubonrachathani, Thailand (Second Best Paper Award).
37. **Bhujel**, R.C., Shrestha, M.K. and Pant, J. 2007. Ethnic women in aquaculture in Nepal: a model for participatory research and development. *In* 2nd Global Symposium on Gender in Fisheries and Aquaculture and 8th Asian Fisheries Forum, Asian Fisheries Society (Indian Branch),

November 20-23, 2007, Kochi, India, p. 6.

38. **Bhujel**, R.C. and Bart, A.N. 2007. Meeting the needs for higher education and research in less developed countries: aquaculture and fisheries case study. *In: Fisheries and Aquaculture: Strategic Outlook for Asia, Book of Abstracts- 8th Asian Fisheries Forum, Asian Fisheries Society (Indian Branch), November 20-23, 2007, Kochi, India, p. 399.*
39. Shrestha, M.K and **Bhujel**, R.C. 2007. Aquaculture and Fisheries Education in Nepal. *In: Fisheries and Aquaculture: Strategic Outlook for Asia, Book of Abstracts- 8th Asian Fisheries Forum, Asian Fisheries Society, Nov 20-23, 2007, Kochi, India, p. 400.*
40. Borin, C., Visalsok, T. and **Bhujel**, R.C. 2007. Status of Fisheries / Aquaculture in Cambodia. *In: Fisheries and Aquaculture: Strategic Outlook for Asia, Book of Abstracts- 8th Asian Fisheries Forum, Asian Fisheries Society, Nov 20-23, 2007, Kochi, India, p. 401.*
41. A. Yakupitiyage and **R.C. Bhujel**. 2003. Exotic Species in Aquaculture: Problems & Prospects in SE Asia with special focus on Cambodia, Lao PDR, Thailand and Vietnam Presented for the workshop organized by AIT, FAO, FNPP, MRC, NACA, IUCN, Sea Grant and Ministry of Fisheries (China), 27-30 August, 2003, Xishuangbanna, Yunnan, People's Republic of China.
42. **Bhujel**, R.C., Little, D.C., Bell, G.J., Yakupitiyage, A. and Turner, W.A. 2002. Effects of lipids on the commercial seed production of Nile tilapia, *O. niloticus*. Book, WAS, 2002, Beijing, PR China.
43. **Bhujel**, R.C. M.K. Shrestha, J. Pant, A. Yakupitiyage, H. Demaine, S. Buranrom and C. Arunlertaree, 2002. Involvement of women in aquaculture to improve nutritional status and generate supplemental income for Nepalese farm families - Final Project Report-Women in Aquaculture in Nepal Phase I. IAAS Nepal and AARM, AIT, Bangkok, Thailand. 23 p.
44. **Bhujel**, R.C. 1999. Management of Nile tilapia (*Oreochromis niloticus*) broodfish for commercial seed production. Doctoral dissertation, Asian Institute of Technology. 175 p.
45. **Bhujel**, R.C., D.C. Little and W.A. Turner, 1998. Commercial Production of sex-reversed Nile tilapia (*Oreochromis niloticus*) fry. Status Report: Nam Sai Hatchery - A joint venture project from January 1995 to July 1998. AARM/SERD, Asian Institute of Technology (AIT), Thailand. 28 p.
46. **Bhujel**, R.C. 1994: "Effects of night-time illumination on the growth of Nile tilapia, *Oreochromis niloticus*". M. Sc. Thesis, Asian Institute of Technology, 77 p.
47. **Bhujel**, R.C. 1992: Survey of *Paramphistomiasis* of buffalo in different slaughtering places at Katmandu Valley - a survey report, submitted to the Institute of Agriculture and Animal Science. Rampur Campus, Chitwan, Nepal. 1992. 29 p.
48. **Bhujel**, R.C. and A. Yakupitiyage, 1996. "Effects of night-time illumination on the growth of Nile tilapia, *Oreochromis niloticus*" and the water quality parameters p. 36. In Book of Abstract, of Annual meeting of "The World Aquaculture Society' 96 held in Bangkok, Thailand, from January

29 to February 2, 1996.

49. **Bhujel, R.C.**, A. Yakupitiyage, D.C. Little, W.A. Turner, 1998. An on-farm trial to select commercial feed for Nile tilapia (*Oreochromis niloticus*) broodfish reared in hapas-in pond. p. 306. In Fifth Asian Fisheries Forum: An international conference on "Fisheries and Food Security Beyond the Year 2000". 11-14 Nov. 1998, Chiang Mai, Thailand. p. 524.
50. **Bhujel, R.C.**, W.A. Turner, A. Yakupitiyage, D.C. Little, 1998. Effects of cooling, aeration, shading, salinity and water depth on the reproductive performance of Nile tilapia (*Oreochromis niloticus*). p. 28. In Fifth Asian Fisheries Forum: An international conference on "Fisheries and Food Security beyond the Year 2000". 11-14 Nov. 1998, Chiang Mai, Thailand. p. 524.
51. Yadav, C.N.R. and **R.C. Bhujel**, 1998. Water resources and its utilization for aquaculture in Nepal. p. 493. In Fifth Asian Fisheries Forum: An international conference on "Fisheries and Food Security beyond the Year 2000". 11-14 Nov. 1998, Chiang Mai, Thailand. p. 524.
52. Little, D.C., P.A. Tuan and **R.C. Bhujel**, 1998. Incubation of *Oreochromis* eggs using pond and hatchery water. p. 126. In Fifth Asian Fisheries Forum: An international conference on "Fisheries and Food Security beyond the Year 2000", 11-14 Nov. 1998, Chiang Mai, Thailand. p. 524.
53. **Bhujel, R.C.** and Yakupitiyage, A. Effects of Night-time illumination on the growth of Nile tilapia (*Oreochromis niloticus*) and water quality parameters. Book of Abstracts p. 36. World Aquaculture Society (WAS), Jan. 29 - Feb. 1996, Bangkok, Thailand.
54. **Bhujel, R.C.**, J. Pant, S. Buranrom, M.K. Shrestha, 2000. Involvement of women in aquaculture for protein supply and income generation: a pilot project. The paper presented on "Small-scale Aquaculture in Nepal: Problems and Prospects", 18-19 May 2000, IAAS, Rampur, Chitwan, Nepal.

ONGOING AND COMPLETED PROJECTS

N/A

AWARDS AND HONORS

1. Gold Award, 2009 presented by Asian Fisheries Society for the contribution to the improvement of aquaculture and fisheries education in Asia.
2. Listed in "Marguis Who's Who in the World" since 2010

3. Highly Commended Paper Award' by Gender and Fisheries (2nd GAF) Group during 8th Asian Fisheries Forum, Kochi, India, Nov 2007.
4. Post-doc Research Fellowship (twice) at the University of Stirling, Scotland, UK
5. Award for PhD Studies from Narai Tech and Nam Sai Farms Co. Ltd. (5 yrs)
6. Scholar of British Government through AIT Master's degree education (2 yrs)
7. Scholar of United Mission to Nepal (B.Sc. program 4 yrs.)
8. Top ranks in Entrance Examinations for Bachelor's degree at IAAS, Rampur, Nepal in both Agriculture and Animal Science groups
9. Scholar of United Mission to Nepal for Secondary Education (2 yrs)

PROFESSIONAL AFFILIATIONS

1. **Member** - World Aquaculture Society (WAS)
2. **Director** – WAS - Asian Pacific Chapter (WAS-APC)
3. **Member** – WAS US Chapter
4. **Member** – Asian Fisheries Society (AFS)
5. **Life member** - Nepal Fisheries Society (NEFIS)
6. **Panel Member**: FAO Gender and Fisheries Theme, and Aquaculture and Farmer Innovation Group.
7. **Editorial Board Member** – *Journal of Agricultural Science and Technology*
8. **Journal reviewer** - *Aquaculture* by Elsevier & *Aquaculture Research* by Blackwell
9. **Others**: Interviewed by Seafoodsource.com <http://www.seafoodsource.com/newsarticledetail.aspx?id=4294999543>
10. **Founding Member**: CARP (Center for Aquaculture Research & Production), Nepal
11. **Founding Director**: SEA-Volunteer Programs Co. Ltd., (Thailand)
12. **Advisor** - Bhujel Empowerment Campaign (Nepal)

Professional Experience:

1. **Aqua-Internship and Training Coordinator** (2007 Oct – present): EU funded internship program

based at the Asian Institute of Technology (AIT), Thailand

2. **Senior Research Scientist:** (2004 Oct – present): Research on tilapia fry production and grow-out farming at AARM/AIT and technology transfer to private and public sector.
3. **Affiliated Faculty** (2004 Oct – present): Post-Graduate teaching of Statistics for Aquaculture, Research Design and Inland Aquaculture
4. **Visiting Faculty, Can Tho University, Vietnam** (Dec 2010 – Present): Taught ‘Statistics and Experimental Design’ course to the students.
5. **Coordinator for Asia** (Jan 2008 – Present) – Sustainable Aquaculture Research Network for Sub-Saharan Africa (SARNISSA) funded by EU.
6. **Team Leader** (Apr 2007 – present): Aquaculture without Frontiers (AwF) - Nepal" funded by AwF-UK.
7. **Visiting Scholar** (May 2012): University of Montpellier III, Montpellier, France: Egide Project: Franco-Thai Cooperation.
8. **Project Manager** (2005 - 2008): AARM Curriculum Development in Asia funded by EU under Asia Link Program.
9. **Research Scientist** (2000 Jan –2003 Dec): Exotic Species in Aquaculture in SE Asia (Cambodia, Thailand, Laos and Vietnam): Problems and Prospects- funded by SIDA. Publication for “Seed quality in Asia” funded by DFID, UK. Other publications on brood stock management, nutrition and fry production.
10. **Project Coordinator** (Apr 2000 – Mar 2004): Women in Aquaculture in Nepal funded by a German NGO.
11. **Visiting Fellow** (2000 & 2001): Institute of Aquaculture (IoA), University of Stirling (UoS), UK: Served for the as a visiting researcher working on “Role of lipids on tilapia seed production” and “Fish Seed quality project in Asia” funded by DFID.
12. **Research Associate and PhD Scholar** (1994-2000): AARM, SERD, AIT, Thailand. Regular monitor quality of tilapia fry produced by private sector, design and conduct research trials based on the need of the commercial farms, data analysis, paper writing and publication, technology transfer to the private sector.

RESEARCH KEYWORDS

1. Tropical Aquaculture

2. Aquaculture Business Management
3. Tilapia culture: Broodstock, Fry & Grow-Out
4. Catfish culture: breeding, nursing & grow-out
5. Rainbow Trout;
6. Gender in Aquaculture;
7. Technology Transfer / Extension;
8. Aquaculture Business