

Arun Prasad Baidya, PhD

Retired Scientist, Nepal Agricultural Research Council (NARC)

Arun completed his MSc in Zoology (Fish and Fisheries) in 1983 from Tribhuvan University (TU), Kirtipur, Kathmandu, Nepal. He then pursued a PhD in Aquaculture, specializing in Hatchery Management, which he obtained in 2004 from Universiti Malaysia (UMS), Sabah, Kota Kinabalu, Malaysia.

He began his career as a Fisheries Development Officer at the Fisheries Development Centers in Fattepur, Saptari, and Hetauda, Makawanpur, under the Fisheries Development Division (FDD) of the Department of Agriculture. He served in this role for approximately nine years, from February 1985 to November 1993, focusing on broodstock, nursery, rearing, and hatchery management of various fish species.

From December 1993 to August 2018, Arun worked for the Nepal Agricultural Research Council (NARC) in various capacities at different fisheries research stations across Nepal. He started as a Technical Officer (T6, Fisheries) at the Fisheries Research Station, Godawari, Lalitpur. In August 2012, he was promoted to Scientist (S2, Fisheries) in Fisheries and Aquaculture Research, where he continued his work until August 2018. During this time, he also served as the Coordinator and Station Chief of the Kali Gandaki Fish Hatchery in Beltari, Syangja (Joint Project of NARC and Nepal Electricity Authority NEA), and as the Station Chief at the Rainbow Trout Fishery Research Station in Dhunche, Rasuwa. His work mainly involved broodstock, nursery, rearing, and hatchery research for various fish species.

Arun has received several specialized training programs, including an Officer Level Fisheries Training (1986, 4 weeks) and a Refresher Course (1991, 2 weeks) in Nepal. He also completed an Integrated Fish Farming Training in China (1992, 3 months) and a Fish Breeding Technique Training in Japan (1999, 4 months).

From July 2019 to March 2023, Arun served as a Research Center Technical Expert at the Aquaculture Research Center, PT Suri Tani Pemuka (STP, JAPFA) in Banyuwangi, Indonesia. In this role, he contributed to research on broodstock management, artificial propagation, and seed production of both freshwater and marine fish species, including Tilapia, Pangasius catfish, African catfish, Bicolor eel, Asian Seabass, and Grouper.

In addition, Arun has been serving as an Adjunct Professor at the Faculty of Veterinary Science and Fisheries, Agriculture and Forestry University (AFU), Rampur, Chitwan, since 2015. In this capacity, he has been actively involved in teaching and supervising graduate students.

Throughout his career, Arun has published more than 50 scientific papers in national and international journals, proceedings, manuals, and conference/workshop papers on subjects including broodstock management, artificial propagation, and seed production of indigenous and exotic fish species, conservation, and mitigation programs.