



National Bureau of Fish Genetic Resources

(Indian Council of Agricultural Research)

Canal Ring Road, Dilkusha PO, Lucknow-226002, India



Name	Dr. A. K. Singh
Designation	Principal Scientist
Date of birth	Jan 1 st 1956
Professional experience	About twenty nine years of working and professional experience
Qualification	M.Sc. Zoology (Fish & Fishery Science) Ph.D. Zoology from Banaras Hindu University, Varanasi



Current area of Research Impact assessment of Alien fish species and Reproductive Containment

Area of Research Expertise

- Aquaculture Diversification and Management
- Risk and Impact Assessment of alien species
- Reproductive Management (Sex reversal and sterility in fish)

Awards/ Recognitions

- **Honorary Fellow of Society of Life Sciences**
- **Honorary Fellow of Society of Environment**
- **Dr S.Z Quasim Medal 2007** awarded by Bioved Research and Communication Centre Allahabad for outstanding contribution in Aquaculture.
- **Fellow Award of International Society of Environmental Protection & Science Academy - 2000.**
- **Fellow Award of Academy of Environmental Biology, in 1999**
- **Fellow Award of Nature Conservators, 1997**

Publication (no.)

- **Research papers** 34
- **Reviews** 15
- **Books** 5
- **Book Chapters** 15
- **Popular articles** 27
- **Others** 32

128

Important Research Publications

Singh A K and Lakra W S (2011). Risk and benefit assessment of alien fish species of the aquaculture and aquarium trade into India. *Reviews in Aquaculture* **3**, 3–18.

Singh A K, Pathak A K, Lakra W S (2010) Invasion of an exotic fish- common carp, *Cyprinus carpio* L. (Actinopterygii: Cypriniformes: Cyprinidae) in the Ganga River, India and its impacts. *Acta Ichthyologica* **40(1)**: 11-19.

- Lakra W S and **A K Singh** (2010). Risk analysis and sustainability of *Pangasius sutchi* culture in India. *Aquaculture Asia*. Jan- June 2010 **15(1)**:34-37
- Singh A K**, Pathak A K and Lakra W S (2010) Mapping of Invasive exotic fish species of the Yamuna River System in Uttar Pradesh, India. In: GIS/Spatial Analysis in Fishery and Aquatic Sciences. Tom Nishida and Caton, A.E (Editors) International Fishery GIS Society, Saitama, Japan Vol. **4** 523-534. (ISBN: 4-9902377-2-2).
- Lakra W S, **Singh A K** and Mahanta P C (Eds.) (2009).Fish Genetic Resources. Narendra Publishing House, New Delhi, 284 pp.
- Singh A K** and Lakra W S (2008). African catfish in India. In: *Fish Introductions in India: Status, Potential & Challenges* (Eds.) W.S.Lakra, A.K.Singh and S. Ayyappan. Narendra Publishing House, Delhi ISBN 81-85-375-08-09. pp 91-92.
- Lakra W S, **Singh A K** and Ayyappan S (Eds) (2008). Fish Introductions in India: Status, Potential and Challenges. Narendra Publishing House, New Delhi, 303pp.
- Singh A K** (2007). Biological and reproductive diversity in riverine as well as lacustrine stocks of golden mahseer, *Tor putitora* (Hamilton 1822) in central Himalayas. In Mahseer the biology, culture and conservation (Eds.)Siti Sapor Siraj, Annie Christianus, Ng Chee Kiat and Sena S. DeSilva. Kuala Lumpur, Malaysia, pp 79-98.
- Singh A K** and Kapila R (2007). Sex control in endangered upland golden mahsseer, *Tor putitora* (Hamilton 1822) for reproductive management. Proceedings of the 7th Indian Fisheries Forum (Eds.) Vasudevappa C, Basavraju Y, Seenappa D, Ayyappan S and Ravichandra Reddy S. Published by ASFIB Mangalore ICAR UAS (B) KVAFSU (B) India pp 165-172.
- Singh A K** and Lakra W S, (2006). Impact of Alien Fish Species in India: Emerging Scenario. *J. Ecophysiol. Occup. Hlth.* (The Academy of Environmental Biology, India).Vol **6(3&4)**: 165-174.
- Singh A K** and Raina H S 2005 Biological Habitat and Distribution diversity of chocolate masheer (*Neolissocheilus hexagonolepis*- M'clelland) in Indian upland waters. *Journal of Ecophysiology And occupational Health* (The Academy of Environmental Biology, India) **5**:65-70.
- Singh A K** (2005). Endocrine techniques of reproductive management in finfish aquaculture. Lecture synopsis and laboratory manual on Critical Appraisal and Hands-out Training in Advanced Techniques in Endocrine Research. Department of Zoology, Aligarh University, Aligarh Pp77-85.
- Singh A K** and Mishra A (2001). Environmental issues of exotic fish culture in Uttar Pradesh. *Journal of Environmental Biology*, **22(3)**: 205-208
- Singh A K** and Pandey A K, (1995): Effect of long photoperiod on Growth survival and sex reversal of androgenizing tilapia, *Oreochromis mossambicus*. *Nat. Acad. Sci. Letter India* Vol. **18** No. 11 & 12, 227- 231.