



ICAR-National Bureau of Fish Genetic Resources



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Date of joining the ICAR	: 02.07.2018	
Date of joining the NBFGR	: 01.04.2024	
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Current research area	: Fisheries Resources Management & Conservation in: Marine, Coastal and Inland waters, GIS Studies in Marine and Inland waters	
Awards/recognitions	: Life-member of 'The Inland Fisheries Society of India' 'Indian Fisheries Association' and Member of 'Marine Biological Association of India' Young Scientist Award in "11th International Scientist Awards on Engineering, Science and Medicine" 17-18 October 2020, VDGOD Professional Association Young Scientist Award 2024 in ICAR sponsored International Conference (CITAAS-2024) at Bathinda MAFS University Gold Medal Award, 2014 ICAR NET (FRM) 2016 Award of National Talent Scholarship, Institutional Fellowships, 2010-16	
Publications	: Research article: 25 Manual: 1 Book 3 Book chapter: 7 Popular article: 15 Technical bulletin: 3 leaflet/folder: 3	

Important research articles:

1. Sarma, K., Bavithra, R., **Singh, J.**, Ahirwal, S.K., Kumar, U., Kumar, T. and Dubey, M.K., 2025. Standardization of breeding and rearing of the endangered Indian catfish *Clarias magur* (Hamilton, 1822) for juvenile production. *Aquaculture Reports*, 40, p.102600.
2. Raut, S., **Singh, J.**, Nair, S., Singh, I.S., Padala, V.K., Kumar, M., Ahirwal, S.K. and Tarate, S.B., 2025. Impact of periphyton on makhana (*Euryale ferox* Salisbury) cum fish culture: a study in North Bihar, India. *Aquatic Living Resources*, 38, p.6.
3. Ahirwal, S.K., Jaiswar, A.K., Bhushan, S., Mogalekar, M.S., Kumar, T., **Singh, J.** and Sarma, K., 2025. Length-weight relationship, relative condition factor and reproductive parameters of *Mystus cavasius* (Hamilton, 1822) in the river Ganga. *Journal of Environmental Biology*, 46(1), pp.58-65.
4. Sarma, K., Kumar, T., Ahirwal, S.K., **Singh, J.**, Ajima, M.N.O. and Raman, R.K., 2024. Effect of Azolla meal-based diet on growth performance, haematological profile and proximate composition of common carp (*Cyprinus carpio*) fry. *Indian Journal of Fisheries*, 71(3).
5. **Singh, J.**, Jaiswar, A.K., Ahirwal, S.K., Gogoi, P., Gurjar, U.R., Samanta, R., Sarma, K. and Shenoy, L., 2023. Geo-spatial distribution and trends of trawl catch and bycatch off the south Konkan coast, Maharashtra, India. *Regional Studies in Marine Science*, 63, p.103022.
6. **Singh, J.**, Sarma, K., Jaiswar, A.K., Mohite, A.S., Ahirwal, S.K., Samanta, R. and Shenoy, L., 2023. Comparative footprint studies of single and multiday trawl fishing along Ratnagiri coast, Maharashtra, India. *Indian J. Fish*, 70(2), pp.19-27.
7. **Singh, J.**, Ahirwal, S.K., Kumar, T., Bharti, V., Gogoi, P. and Sarma, K., 2023. Relationship between fish body and sagittal otolith morphometrics in the pool barb *Puntius sophore* (Hamilton, 1822) from the Ganga and Punpun rivers of Bihar, India. *Indian J. Fish*, 70(2), pp.86-94.

8. Ahirwal, S.K., **Singh, J.**, Sarma, K., Kumar, T., Bharti, V. and Kumar, A., 2023. Morphometric characteristics, length-weight relationships, and condition factors of five indigenous fish species from the River Ganga in Bihar, India. *Journal of Applied Ichthyology*, 2023.
9. Raman, R.K., Singh, D.K., Sarkar, S., **Singh, J.**, Kumar, A., Kumar, U., Kumar, R., Ahmed, A., Mukharjee, A., Mondal, S. and Upadhyaya, A., 2023. Scenario of Major Fruit Crops in Flood-Prone Areas in Eastern India: Case Study of Bihar. *Erwerbs-Obstbau*, 65(4), pp.1139-1151.
10. Ahirwal, S.K., Sarma, K., Das, S.K., Kumar, T., **Singh, J.**, Bharti, V. and Narayan, D., 2023. Morphometry and Life-Stage Wise Length–Weight Relationships of, *Labeo gonius* (Hamilton–Buchanan, 1822), Under Captive Condition. *National Academy Science Letters*, pp.1-5.
11. Ahirwal, S.K., Sarma, K., **Singh, J.**, Kumar, T., Bharti, V., Narayan, D. and Kumar, A., 2023. Biometric evaluation of the freshwater snail *Pila globosa* (Swainson, 1822) from the river Ganga in Bihar, India. *Indian J. Fish*, 70(1), pp.18-24.
12. Gogoi, P., Ahirwal, S.K., Chakraborty, S.K., Bhattacharjya, K., Jaiswar, A.K., **Singh, J.** and Behera, P.R. (2021). Investigations on age, growth and mortality parameters of *Ailia coila* (Hamilton, 1822) (Siluriformes: Ailiidae) from Brahmaputra river system of Assam, India. *Indian J. Fish.*, 68(2): 8-14.
13. **Singh, J.**, Singh, R., Mohite, A., Bhendekar, S. N. and Latha Shenoy 2017. Incorporating Traditional Knowledge with Geographic Information Systems for Management of Marine Resources along the Ratnagiri coast, Maharashtra. *J. Env. Bio-Sci.*, 2017: Vol. 31 (1):27-31