

DIVISION OF LIVESTOCK AND FISHERIES MANAGEMENT

Personal Detail

Name : **Jaspreet Singh**
Date of birth : 16th May 1993
Address : DLFM, ICAR Research Complex for
Eastern Region, ICAR Parisar Road,
Patna 800014
Phone/Mobile No. : 8949693003
Email Id : jaspreet.108icar@gmail.com



Research Interest

- **Fisheries Resources Management: Marine, Coastal and Inland waters**
- **GIS Studies in Marine and Inland waters**
- **Aquaculture : Integrated Aquaculture system, Bio-floc technology etc.**

Particulars of award, medals, fellowship, etc.

- Awarded University Gold Medal for ranking first in B.F.Sc Examination Conducted by MAFSU, Nagpur.
- Awarded Institutional Fellowship for pursuing M.F.Sc in CIFE, Mumbai based on ICAR-AIEEA-PG-2014 examination conducted on 13th April, 2014.
- Awarded ICAR- NET in Fisheries Resource Management (2016).
- Awarded Young Scientist Award in “11th International Scientist Awards on Engineering, Science and Medicine” 17-18 October 2020.VDGOOD Professional Association.

Published scientific papers

- **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.
- Gurjar U R, Takar S, Bunkar K, Pathak V and **Singh J** (2019) Present status on distribution, biodiversity and management of Indian mangroves. *Research Biotica* **1**(1), 16-22.
- Takar S, Gurjar U R, Saroj J, Raveendar B, **Singh J** and Deshmukhe G. (2020). Benthic organisms in Mumbai mangroves: diversity and distribution in relation to environmental parameters. *J. Exp. Zool. India* **23** (1); 599-605.
- Kumar, U., Raman R. K., Kumar, A., Singh, D. K., Mukherjee, A., **Singh, J.** and Bhatt, B. P. (2020). Return Migration of Labours in Bihar due to COVID-19: Status and Strategies of Deployment in Agricultural Sector. *Journal of Community Mobilization and Sustainable Development* Vol. 15(1), 192-200.

- Swarnkar, S., Niyazi A., Sahu D., Keer, N.R. and **Singh, J.** (2020). Fish biodiversity study of Ghongha dam in Bilaspur district, Chhattisgarh. *J. Exp. Zool. India* Vol. 23, No. 2, pp. 1931-1936.
- Niyazi A., Swarnkar, S., Keer, N.R., Sahu D. and **Singh, J.** (2020). Ichthyofaunal diversity of Kharung reservoir in Bilaspur district, Chhattisgarh, India. *J. Exp. Zool. India* Vol. 23, No. 2, pp. 1317-1323.
- Samanta R., Shenoy, L., **Singh, J.**, Kamat, S.S. and Mukherjee, J. (2020). Length-weight relationship of eight commercial fish species from Mumbai coast of India. *J. Mar. Biol. Ass. India*, 62 (2).
- 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.
- Ahirwal, S.K., Das, P.C., Sarma, K., Kumar, T., **Singh, J.** and Kamble S. P. (2021). Effect of salinity changes on growth, survival and biochemical parameters of freshwater fish *Gibelion catla* (Hamilton, 1822). *Journal of Environmental Biology*. 42(2).
- Kumar, P. Kumari, R. R., Devi, S., Tripathi, M.K., **Singh, J.**, Kumar, R. and Kumar, M. (2021). Emergence and transboundary spread of lumpy skin disease in South Asia. *Indian Journal of Animal Sciences* 91 (7): 507–517

Popular Articles

- **Singh, J.**, Sarma, K., Kumar, T., Ahirwal, S. K., Raut, S. M. and Keer, N. R. (2020). Bio-floc Technology (BFT): An Intensive Eco Sustainable and Cost-Effective Tool for Aquaculture. *Food and Scientific Reports* 10(1), pp11-14.
- Raut, S. M., Kumar, M. Bhatt, B. P., **Singh, J.** and Kumar, T. (2020). Potential and Opportunity for Ornamental Fishes in North Bihar. *Research Today* 2(7): 677-679.
- Tarkeshwar Kumar, Kamal Sarma, S K Ahirwal, **Singh, J.**, Bavithra R, Devanarayan and Amrendra Kumar. 2020. Broodstock development Indian and exotic major carps. *Nilitima*, 11 58-61.
- Tarkeshwar Kumar, Kamal Sarma, S K Ahirwal, **Singh, J.**, Bavithra R, Devanarayan and Amrendra Kumar. 2020. Integrated fish farming system. *Nilitima*, 11 62-72.
- **Singh, J.**, Sarma, K., Kumar, T., Ahirwal, S. K. and Keer, N. R. (2021). Biofloc technology and its importance in aquaculture. *ICAR Kheti*, pp 17-19.
- R K Raman, U Kumar, N Bhakta, **Singh, J.** and Singh I S (2021) Resource identification and assessment in floodplain of Kamla Balan river in Bihar. *Food and Scientific Reports* (2) 1, pp56-59.
- **Singh, J.**, Sarma, K., Kumar, T., Ahirwal, S. K., Raman, R.K. and Bharti, V. (2021). Fuel and Energy Optimization Approaches in Fishing, *Food and Scientific Reports*, 2 (2) pp 53-56.
- **Singh, J.**, Sarma, K., Kumar, T., Ahirwal, S. K., Raman, R.K. and Bharti, V. (2021). Aquaponics: Toward a Sustainable Multi-trophic Production of Fish and Vegetables, *Food and Scientific Reports*, 6(2) pp 46-49.

- जसप्रीत सिंह, कमल शर्मा, तारकेश्वर कुमार, सुरेन्द्रकुमार अहिरवाल, शैलेन्द्रराउत एवं ब वत्राआर. 2019. भारतीय जलाशयों में प्रमुख स्वदेशीव अन्यमछ लयों के उ चत संचयन एवं संवर्धन तकनीक का मत्स्य उत्पादन पर प्रभाव. नीलीतिमा, 10: 30-35.
- तारकेश्वर कुमार, कमल शर्मा, सुरेन्द्रकुमार अहिरवाल, जसप्रीत सिंह, ब वत्राआर., अमरेन्द्रकुमार एवं नेहा. 2019. मत्स्यपालन में प्लवकों का योगदान एवं वश्लेषण. नीलीतिमा, 10: 40-44.
- **Singh, J.**, Kumar, S., Sarma, K., Kumar, A., Tripathi, M. K. and Kumar, P. (2021) Animal as a Linking Component of the Integrated Farming System (IFS) For Resilient Production. *Food and Scientific Reports*, 9(2) : pp58-61.

Book chapters

- Ahirwal S K, Sarma K, Kumar T, Vimal B, **Singh J**, R Bavithra, Raut M S., (2019). Fish Health Management and Its Impact on Aquaculture Production, *In : Advances in Fish Production And Technology*. pp: 159-169
- Ahirwal S K, Kumar T, **Singh J**. (2019): Sustainable Fish Production in India, *In: Advances in Fish Production And Technology*. pp: 68-76
- R Bavithra, Kumar T, Ahirwal S K and **Singh J**. (2019): Aqua Feeds and Its Management Practices, *In: Advances in Fish Production And Technology*. pp: 5-18.

Training Manual and Bulletins

1. Recent advances in livestock–Fish Integrated Farming System for Rural Livelihood and Environmental Sustainability, 308p. ICAR Research Complex for Eastern Region, Patna. TM-7/PAT-7/2020
2. Recent advances in integrated fish farming-48 pages.

Team games / sports / NCC / mountaineering, etc.

- Represented MAFSU, Nagpur in “**All Inter University West Zone Badminton Championship**” from 23-26 October, 2010 at Veer Narmada South Gujarat University, Surat.
- Participated in the “**XIV All India Inter Agriculture University Sports and Games Meet**” in game of Badminton at KVAFSU, Bidar from 6-10 March 2013.
- Participated in the “**XVII All India Inter Agriculture University Sports and Games Meet**” in game of Badminton at CCS Haryana Agriculture University, Hisar from 25-29 March 2017.
- Participated in ICAR Zonal sports- TEZ 2019 at ICAR-NRRI, Cuttack, Odisha.