



National Bureau of Fish Genetic Resources

(Indian Council of Agricultural Research)

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Name	Dr. Ajey Kumar Pathak	
Designation	Scientist (Selection Grade)	
Date of birth	10-08-1968	
Professional experience	15 years	
Qualification	M.Sc. (Physics), MCA	
Current area of Research	Data warehousing, Data mining, GIS & Remote sensing in fisheries management and conservation	
Area of Research, Expertise	<ul style="list-style-type: none">• Development of Data warehouse and database on fish and fisheries resources• Development of Data warehouse and database on fisheries bioinformatics• Application of GIS and Remote sensing in species habitat assessment, conservation and management• Application of GIS and Remote sensing in fish occurrence and diversity analysis and mapping• Knowledge base pattern recognition and classification in identifying and differentiating species based on biological and morphological characters	
Awards/ Recognitions	-	
Publication (no.)		
• Research papers	10	
• Reviews	-	
• Books	-	
• Book Chapters	13	
• Popular articles	02	
• Others	07	

Important Research Publications

Sarkar U K, **Pathak A K**, Kapoor D, Mahatao L L, Paul S K (2004). Use of geographical information system in developing freshwater aquatic sanctuary management strategies. In: Nishida kailola T; J: and Hollinworth, C.E.(Editors). GIS/Spatial Analysis in Fishery and Aquatic Sciences Vol No. **2** . Fishery Aquatic Research Group, satiamo, Japan. 583-596 pp.

Sarkar U K, Negi R S, Kapoor D, Deepak P K, Paul S K and **Pathak A K** (2006). New record of *Salmostoma bacaila* (Hamilton-Buchanan) from the river Gerua, Katraniaghat Wildlife Sanctuary, Uttar Pradesh; Indian Journal of Forestry, Vol. No. **28**: pp. 417-419

Sarkar U K, Kapoor D, Paul S K, Pathak A K, Basheer V S, Deepak P K, Srivastava S M and Tyagi L K (2007) Fish biodiversity in the waterbodies of Samaspur Bird Sanctuary, Uttar Pradesh: towards developing freshwater aquatic sanctuary; Journal of the Bombay Natural History Society, Vol No. **104 (1)**: pp 51-54.

Sarkar U K, **Pathak A K** and Lakra W S (2008) Conservation of freshwater fish resources of India: new approaches, assessment and challenges, Biodiversity and Conservation Springer Netherlands, Vol. No. **17**, Number 10/ September 2008: pp. 2495-2511