## **Titles of Posters**

Poster ID	Abstract	List of Authors
01	Diversity of Seaweeds along the Sundarbans Coast: Opportunities and Cultivation Potential	Md. Enamul Hoq, Shadman Tazwar Haq, Shah Pran
02	Taste-active Components of Different Sizes of Hilsa ( <i>Tenualosa ilisha</i> ) of the Tetulia River Estuary	Sadia Hassan Shila, Dinesh Chandra Shaha, Jahid Hasan, Md. Khairul Islam, Md. Munem Shahriar, Shahida Binta Ahmma
03	Chemical Composition of Different Size Hilsa Fish ( <i>Tenualosa Ilisha</i> ) of the Meghna River Estuary	Isruna Binku Aniya, Dinesh Chandra Shaha, Murshida Khan, Fatema Tuj Rowja, Md. Simul Bhuyan, Md. Shaheb Ali Pk
04	Evaluating Phenotypic Heterogeneities of <i>Ompok pabo</i> using Conventional and Truss Morphometrics: An Insight for Conservation	Sarower Mahfuj, Md Imtiaz Ahamed, Prosun Roy, Md. Belal Hossen
05	Effects of Salinity on Hematological and Morphological Features of Internal Tissues in Nile Tilapia	Shakil Ahmed, Md Sadiqul Islam, Md Shahjahan
06	Dietary Spirulina as a Protective Agent against Sumithion-induced Growth Retardation in Nile Tilapia	Md. Abu Rahad, A.K.M. Afzal Hossain, Md Al- Emran, Md Mahiuddin Zahangir, Md Shahjahan
07	Effects of Chemical Additives on Bacterial Concentrations of Water Used during Live Transportation of Pangasius Catfish ( <i>Pangasianodon</i> <i>hypophthalmus</i> )	Md. Nazmul Islam Rifat, Maliha Afsana, Abdul Kader Jilani, Md. Adil Mahfuz, Md. Mubarack Hossain, Md. Naim Uddin, Md. Nurul Haider
08	Effect of Dietary L-carnitine on Growth, Whole-body Protein and Lipid Content of All-female Giant Freshwater Prawn ( <i>Macrobrachium rosenbergii</i> )	Md. Moshiur Rahman, Krishna R Salin, Takuji W. Tsusaka, Noratat Prachom <sup>4</sup> , Amararatne Yakupitiyage
09	Bacterial Community Composition of Imported Canned Tuna Fish using a Metagenomic Approach	Jonaira Rashid, Lubaba Sayda, Md. Amdadul Haque, Md. Moniruzzaman, Sayeeda Sultana, Md. Harunor Rashid, Anuradha Bhadra
10	Reducing Protein Feeding for Nile Tilapia (Oreochromis niloticus) Culture in Bangladesh: Growth and Cost Analyses	Md Saiful Islam, Md Hashibur Rahman, Al- Amin, Shayla Sultana Mely
11	Evaluating Biometric Indices of Newly Recorded Long-Whiskered Catfish (Sperata aorella Blyth, 858) through Multi-model Inferences in Kaptai Lake	Md. Khaled Rahman, Md. Istiaque Haidar, B. M. Shahinur Rahman, Md. Lipon Mia, Ahmad Fazley Rabby, Md. Amirul Islam, Anuradha Bhadra <sup>4</sup>
12	Water Physicochemical Properties Influence the Production, Nutrition and Antioxidant Activity of <i>Gracilaria tenuistipitata</i> on the Kuakata Coast of Bangladesh	Md. Rahamat Ullah, Mohammed Ashraful Haque, Md. Amirul Islam, Anuradha Bhadra
13	Assessment of Ecosystem Health of Char Kukri Mukri Island of Bangladesh	Nurzahad Islam Muna, SM Mustafizur Rahman
14	Analysis of Phytoplankton Community Structure: Abundance, Diversity, Distribution, and its Relationship with Water Parameters of Sonadia Island, Cox's Bazar, Bangladesh	Humaira Islam, Mohammad Saifur Rahman
15	Analysis of Nutritional Composition of Three Commercially Important Dried Fish of Three Different Countries	Tahsin Sultana, Shafiul Islam Shahi, Tabassom Rehnuma Raisa, Shah Mohammad Abi Rawan, Shanjida Hamid Priya, Saishab Paul, Md Faisal
16	Effect of Season on nutritional compositions of Tuna and Pama croaker of the Bay of Bengal	Tahsin Sultana, Shafiul Islam Shahi, Shah Mohammad Abi Rawan, Shanjida Hamid Priya, Saishab Paul, Md Faisal
17	Spatiotemporal Analysis of Land Use and Land Cover Changes in Char Kukri-Mukri Island and Their Impact on Hilsa Fisheries	IH Sairaj, MR Islam, M Arifuzzaman, MA Siddika

FOF1stInternationalScientificConferenceonCVASUSustainableAquacultureandFisheries2025

JVASU	Sustainable Aquaculture and Fisheries 2025	
18	Health Assessment of <i>Mugil cephalus</i> from Cox's Bazar Coast Based on Organ-Specific Histomorphometry, Organo-Somatic Indices, and External Morphometric Traits	Md. Abdul Baten Rimon Akanda, Md Moudud Islam, Fatema Akhter, Shifat Ara Noor
19	Microplastic Pollution in the Sediment of the Sangu River, Bangladesh: Insights on Abundance, Types and Physicochemical Features	Saykat Talukdar, Shahida Arfine Shimul
20	Imported dried fish: status of the quarantine system and marketing channel in Bangladesh	Md. Mizanur Rahman, Fawzia Adib Flowra
21	An Assessment on Nauplii Production Performance of Black Tiger Shrimp ( <i>Penaeous monodon</i> ) Feeding with Different Polychaete Diets at Fishtech SPF Monodon Hatchery, Cox's Bazar	Mohammed Tarique Sarker, Rafiul Hasan Chowdhury, Md. Shoriful Islam, Md. Ariful Islam
22	Fish Assemblage Structure in Relation to Seasonal Environmental Variation in the Transboundary Dudhkumar River, Kurigram	Md. Ashraful Alam, S.M. Mahmudul Hasan, Tanjima Akter, Zakia Sultana, Yeasmin Ara, Md. Masudur Rahman, AKM Rohul Amin
23	Histological profiling of gonads depicting the sexual status of <i>Hilsa kelee</i> (Kelee Shad) collected from the Bay of Bengal	Authia Dey, Fatema Main, Samannaya Das, Sadia Binta Shahid, Anirban Sarker
24	Assessing Heavy Metals Level and Potential Human Health Risks in Lobsters and Crabs from Cox's Bazar (Saint Martin) and Patuakhali of Bangladesh	Md. Mominul Islam, Sadek Ahammed Maruf, Md Kamrul Islam, Anusree Biswas
25	Effect of stocking density on growth performance of Thai Koi (Anabas testudineus) fries in nursery pond	Mahmudul Hasan Shakib, Md. Kamrul Islam, Sadek Ahammed Maruf, Nahid Sultana Popy, Mst. Sharmin Nahar
26	Comparison of Heavy Metals and Minerals Contamination (Edible Part) in Prawn, Shrimp and Whiteleg Shrimp Species in Khulna Region of Bangladesh	Tonmoy Sarkar, Farhana Afrin Neha, Md. Tanvir Ahmed, Md. Mominul Islam, S.M Dolenur Karim, Dr. Subrata Mondal
27	A Heavy Metal Concentration and Health Risk of Penaeus monodon, Litopenaeus monodon, Macrobrachium rosenbergii in Khulna District of Bangladesh	SM Dolanur Karim, Sadek Ahammed Maruf, Md. Kamrul Islam, Subrata Mondal
28	Identifying Disease-Resistant Traits in Hatchery- Raised Macrobrachium rosenbergii	Md. Manjurul Hasan, Mostafizur Rahman, Nazrul Islam Suhag, Md. Mer Mosharraf Hossain
29	Environmental DNA (eDNA) Monitoring for detection and spread of prawn ( <i>Macrobrachium rosenbergii</i> ) disease organisms in Hatcheries and aquatic farms	Mostafizur Rahman, Nazrul Islam Suhag, Md. Manjurul Hasan, Md. Mer Mosharraf Hossain
30	Analyzing Gene Expression in Exotic and Native Macrobrachium rosenbergii Broodstock to Identify Disease-Linked Genes in Hatchery Nursing Conditions	Nazrul Islam Suhag, Mostafizur Rahman, Md. Manjurul Hasan, Md. Mer Mosharraf Hossain
31	Nursing and Observing the Growth Performances of Thai Koi <i>Anabas testudineus</i> in Indoor Biofloc Technology and Traditional Non-Biofloc System	Sadek Ahammed Maruf, Md. Kamrul Islam, Prianka Paul, M Aminur Rahman, Md. Sherazul Islam
32	Effect of Carbon Sources on Nile Tilapia, Common Carp, Freshwater Mussels, and Vegetables in Integrated Multi-Trophic Biofloc Aquaculture During the Nursery Phase	Md. Eilious Hosain, Shirin Sultana, Moonmoon Ahamed Mim, Mohammad Kamrul Hasan, Farjana Afroj, Md. Mahmud Hasan
33	Microplastic Ingestion by Copepods in the Lower Feni River: Implications for Freshwater Ecosystems and Seafood Safety	Maeen Uddin, Jaber Bin Abdul Bari, Taposh Kanti Dev, Sanjida Akter Nisa, Md. Saiful Islam, Najmus Sakib Khan, Md. Mesbah Uddin Bhuiyan
34	Nutrient Composition and Potential Health Benefits of the Non-Conventional Mantis Shrimp ( <i>Oratosquillina</i> <i>perpensa</i> ) for Human Consumption	Mehreen Tabassum
35	Ecological Risk Assessment of Microplastics and Mesoplastics in Six Common Fishes from the Bay of Bengal Coast	Salma Sultana, Md. Anisuzzaman, Md. Kamal Hossain, Md. Sohel Rana, Bilal Ahamad Paray, Takaomi Arai, Jimmy Yu, M Belal Hossain

36	A Virtual Assessment ( <i>in silico</i> ) on Black Gill Disease	Shanjida Akter Joyoti, Noimul Hasan Siddiquee,
	in Shrimp by Targeting <i>Fusarium solani</i> Glutamine Synthetase with Seaweed Metabolites for Optimal	
37	Aquaculture ProductionStatus of Small-Scale Aquaculture Intensification in Coastal Area: A Case Study from Noakhali, Bangladesh	Md. Shofiullah, M Golam Mustafa
38	Integrated Multi-Trophic Aquaculture (IMTA): Turning Waste into Wealth	Ittee Khanom, Taposh Kanti Dev
39	The Blue economy: Opportunities and Challenges	Md Mehedi Hasan Khan
40	Value Chain Assessment and Nutritional Evaluation of the Bearded Worm Goby ( <i>Taenioides cirratus</i> ) in the South-eastern Region of Bangladesh	Md. Masum Billah, Abdullah-Al Mamun
41	Impacts of Cyanobacteria on Shrimp Health in Shrimp Farming	Maliha Jannat
42	Rooftop Aquaculture: An Accomplishment to Urbanization	Jannatul Ferdous
43	Comparative Analysis of Otolith Attributes of Two Important Eel Species from Bangladeshi Waters	Mahmuda Akter, Md Rakeb-Ul Islam, Debasish Saha
44	Comparative Analysis of the Microbacterial Diversity in Healthy and Diseased Catfish in Aquaculture as well as their Residing Water: A Metagenomic Approach	Sumayia Rahim Rimu, Md Rakeb-Ul Islam, Abanti Barua
45	Exploring the Nutritional Profile of Indian Squid ( <i>Uroteuthis duvaucelii</i> ): A Non-conventional Fishery Item of Bangladesh and its Potential Role in Improving Human Nutrition	Fahmida Rashid Sumaiya, Abdullah-Al Mamun
46	Nutritional Profiling of <i>Sepia aculeata</i> : Unlocking the Health Benefits of a Non-Conventional Fishery Resource from Bangladesh	Reshadul Islam, Abdullah-Al Mamun
47	Comparative Nutritional Profile and Potential Health Benefits of Wild and Cultured Green Mussel ( <i>Perna</i> <i>viridis</i> ), a Non-conventional Fishery Item from Cox's Bazar, Bangladesh	Nargis Akter, Abdullah-Al Mamun
48	Heavy Metal and Microplastic Contamination in Fresh and Dried Fish from Bangladesh: Implications for Seafood Safety	Farzana Zaman, Jimmy Yu, M Belal Hossain
49	The Influence of Tidal Cycle on Spatial and Temporal Dynamics of Microplastics in the Karnaphuli Estuary	Sumya Binte Noor, Bhakta Supratim Sarker, Md. Kamal Hossain, Jimmy Yu, M. Belal Hossain
50	Headache of Fish Farmer towards Sustainable Aquaculture	Naimur Rahman Nahian, Mustakim Sadik
51	Estimation of Growth Overfishing of the Endangered Yellowtail Catfish <i>Pangasius pangasius</i> Through <i>"Chai"</i> Fishing	Joyoti Debnath, Bhakta Supratim Sarker, Debasish Saha
52	An Evaluation of Cyanobacterial Assemblages in Relation to Tobacco Farming Region Near the Matamuhuri River	Sanjida Akter Nisa, Jaber Bin Abdul Bari, Md. Saiful Islam, Md. Maeen Uddin, Taposh Dev, Imtiaj Ahmed Easty
53	Reviving Coastal Vitality: Unraveling Mangrove Reforestation Effects on Fisheries Biodiversity in Noakhali	Sumit Sarker
54	Cost-Effective Feeds for Small-Scale Aquaculture in Noakhali: Exploring Insect-Based Protein Alternatives	Priya Mojumder
55	Evaluating the Composition and Distribution of Marine Plankton and Its Correlation with Seaweed Culture Potential in Saint Martin's Island	Taposh Kanti Dev, Maeen Uddin, Ittee Khanom, Md. Mesbah Uddin Bhuiyan
56	Climate Change and Its Effects on Aquaculture in Noakhali District: Challenges and Adaptation Strategies	Pranta Majumder
57	Enhancing Aquaculture Water Quality Using Water Hyacinth in Ponds	Fatematunnesha Payel, Sumit Sarker

58	Fish Waste Production in Fish Markets of Southern Region of Bangladesh	Parizat Raza, Dr. Md. Sazedul Hoque, Tanushree Mondal, Mallika Ray
59	A first Analytical Report on Nutritional Profiling of Wild and Cultured Asian Sea Bass ( <i>Lates calcarifer</i> )	Md. Foysal Ahmed, Kanij Rukshana Sumil
60	Garlic as a Dietary Enhancer: Effects on Growth, Hematology, and Liver Function in Stinging Catfish	Pritom Datta, Sabbir Ahmed, Md. Jannatul Naeem, Md. Nazmul Haque, Md. Ariful Alam, Md. Rajib Sharker
61	Comparative Analysis of Microplastic Content in Cultured and Captured Prawn ( <i>Macrobrachium</i> <i>rosenbergii</i> ) from Southwestern Coast of Bangladesh	Md. Rafiqul Islam, Md. Lokman Ali, Md. Arifur Rahman, Md. Sazedul Hoque, Sabrina Akter Rinju, Badhan Saha
62	Climate change and shrimp farming in Southwestern Bangladesh: Impact, adaptation and mitigation strategies	Rakhi Sana, Md. Nahim Hossain, Md. Sazedul Hoque
63	Microplastic in Shrimp ( <i>Penaeus monodon</i> ) from the Southeast Region of Bangladesh: A Comparative Analysis of Wild vs. Cultured Species	Md. Nahim Hossen, Umma Habiba Rahman, Sharifa Akhter Ema, Md Mahmudul Hasan, Md. Sazedul Hoque
64	Nutritional and Functional Benefits of <i>Gracilaria</i> <i>tenuistipitata</i> in Aquafeed: Impacts on Growth, Hemato-biochemical Profile, and Economic Efficiency in Nile Tilapia Culture	Md. Rajib Sharker, Al-Azim, Muhammad A. B. Siddik, Md Nazmul Haque, Md. Ariful Alam
65	Extent of Microplastics in Estuarine Fish Species from Coastal Riverine Ecosystem of Bangladesh	Md. Mahmudul Hasan, Md. Rashed Khan Manon, Md. Mahmudul Hasan, Md. Arifur Rahman, Md. Sazedul Hoque
66	An Ecological Risk Assessment of Heavy Metals in Water and Sediment of Baleshwari River, Bangladesh	Maliha Zafreen, Mir Mohammad Ali
67	Distribution and Abundance of Microplastic and Heavy Metals in Water, Sediment, and Some Fishes in Cox's Bazar Sea Beach, Bangladesh: Human Health Risk Assessment	Ashiq Anam Sajal, Mir Mohammad Ali
68	Quantitative and Qualitative Characterization of Microplastics in Sediment and Water of Shitalakshya River, Bangladesh	Anika Bushra Dula
69	Assessing Fish Diversity of Tanguar Haor through Morphological Technique and DNA Barcoding	M. Moniruzzaman, Md. Nazmus Sakib, Md. Yasin Ali, Sweety Akter Bristy, Nafisa Tasnim Nousin, Kazi Ahsan Habib
70	Microplastic Abundance in the Groundwater of Moheshkhali Island, Bangladesh: An Alarming Concern for Coastal People	Md. Wahidul Alam, Mahabub Elahi Shakil, Md. Atiqul Islam Mondal, Abdullah Al Mamun Siddiqui, Shipan Hossen
71	Detection of Potential Fishing Zones for Pelagic Fish Using Remote Sensing and GIS Techniques in the EEZ of Bangladesh	Md Sabbir Hossain, Mohammad Zahedur Rahman Chowdhury
72	Seasonal Succession of Zooplankton of Three Distinct Aquaculture Ponds in Chattogram, Bangladesh	Humayra Hoque
73	Genome Mining of Biosynthetic Gene Cluster in <i>Pseudomonas aeruginosa</i> Strain (bcsir_p4_s 0): Exploring Novel Bacteria from the Bay of Bengal	Md Imran Khan, Abdur Rahman Al Akil
74	Sustainable Management and Conservation of Chacunda Gizzard Shad ( <i>Anodontostoma chacunda</i> ) in the Bay of Bengal: Insights for Achieving SDG 4 (Life Below Water)	Md. Rabiul Hasan, Md. Tanvir Wahid Tamim, Mst. Meherun Nesa, Md. Golam Sarwar, Md. Abidul Hasan, Tasnim Islam Akhi, Most. Afrina Akter Kona, Md. Yeamin Hossain
75	Comparative Assessment of Proximate Parameters of both Farmed and Wild Selected Fish Species in Bangladesh	Imon Kumar Shikdar, Mohajira Begum, Syeda Nusrat Jahan
76	Consumers' Perceptions of Fish Consumption in Bogura Sadar, Bangladesh, during the COVID-9 Pandemic	Md. Istiaque Hossain, Farjana Rahman, Md. Abdus Samad, Syada Nusrat Jahan
77	Fish Powder: A New Horizon of Commercial Prospect	Fawzia Adib Flowra, Md. Aminul Islam, Syeda Nusrat Jahan

78	Cost-benefit Evaluation of Mud Crab (scylla serrata)	Md. Mohibul Hasan, Nilufa Yasmin, Md.
	Fattening in South-western Bangladesh: Challenges	Mosharraf Hossain
	and Opportunities	
79	Hematological, Histological, and Oxidative Impacts of	Shaon Kumar Mondol, Maria Binte Moin, Sadia
	Diesel Oil on Nile Tilapia (Oreochromis niloticus)	Ibnat, Zakir Hossain
80	Fish Drying and Marketing Systems in Selected Areas	Mehedi Hasan, Md. Shahin Alam, Kalyan Roy,
	of Bangladesh: A Comprehensive Study on Processing,	Md. Sohan Khan
	Species Utilization, and Socio-Economic Impact	
81	Computational Exploration of a-D-glucopyranoside	Md. Masud Rana, Ajoy Kumer, Md. Abu Talha
	Derivatives and Sulfadiazine as Inhibitors for White	
	Spot Syndrome Virus in Shrimp	
82	Evaluation of Production Performance of Gura Chingri	Md. Shahin Alam, Maliha Khanom, Flura, Rakhi
	(Macrobrachium rude) in Polyculture Systems with	Das, Harunor Rashid, Anuradha Bhadra
	Varying Stocking Densities in Bangladesh	
83	Problems and Prospects of Fish Farming in the	Saifuddin Rana, Md. Nazmul Hasan, Abdulla Al
	Chattogram Hill Tracts of Bangladesh: Community-	Bari, Shahida Arfine Shimul, Sk. Istiaque
	based Aquaculture might be a Right Choice	Ahmed, Sk. Ahmad Al Nahid, Zobair Alam
		Sunny
84	Building Resilience in Small Island Developing States:	Sourav Chowdhury, Israt Jahan, Md
	The Role of Ecosystems in Disaster Risk Reduction and	Asaduzzaman
	Climate Adaptation	
85	Spatio-Temporal Variations in Gut Plankton of Hard	Ayesha Siddika, Aritree Chakraborty, Shoman
	Clam ( <i>Meretrix</i> sp.) in Response to Eco-Physiological	Datta, Labonna Datta, Md Sadequr Rahman
	Factors	Khan
86	Morphometric Divergence and Reproductive Features	Nayeema Ferdausy Hoque, Golam Kibriya
	of the Long Whisker Catfish (Mystus gulio)	
87	Unique Bacteriome Diversity of Nappi, a Fermented	Tahsin Sultana, Tabassom Rehnuma Raisa, Shah
	Traditional Fishery Product, Revealed through	Mohammed Abi Rawan, Shanjida Hamid Priya,
	Amplicon Sequencing	AMAM. Zonaed Siddiki
88	Present Status and Identification of Freshwater Snails	Joy Kumar Biswas, Kumari Swarna Rani Kundu,
00	in Bangladesh	Hasan Taufiq, Md. Jaminul Islam Imam, Md.
	in Dunglauton	Zahangir Alam, Yeasmin Ara, Imran Parvez
89	Identification of Freshwater Mussels of the Genus	HM Shahriyar Murshed, Sumi Rani Sarkar Lota,
0,	Lamellidens and Parreysia and Their Conservation	Rafsan Jamin Mim, Shafiqul Islam Rifat,
	Status in Bangladesh	Yeasmin Ara, Imran Parvez
90	Impact of Agricultural Insecticides on the Embryonic	Md. Monirul Islam, Sanjida Islam, Shubha Akter,
70	Development of Silver Carp ( <i>Hypophthalmichthys</i>	Nazifa Tasnim, AKM Rohul Amin, Imran
	molitrix)	Parvez, Yeasmin Ara
91	Optimizing Hormone Doses for Spawning Induction in	Md. Abdul Haq Sabuj, Md. Asikur Rahman
71	<i>Mystus vittatus</i> (Bloch, 974) to Extend Breeding Period	Leon, Md. Masudur Rahman, Nazifa Tasnim,
	Mysius vinuius (Bloch, 974) to Extend Breeding Ferrod	Imran Parvez, Md. Ashraful Alam
92	Intra-specifc Variation of Goldspot Mullet ( <i>Planiliza</i>	Farhana Afrin Neha, Tonmoy Sarkar, Md.
12	<i>parsia</i> ) in Three Coastal River Systems of Bangladesh	Sherazul Islam
	based on Truss Morohometric Analysis	Sherazul Islahi
93	Reproductive dynamics of <i>Planiliza parsia</i> in the	Sathi Nondi, Md. Sherazul Islam
93		Sami Nonui, Mu. Sherazui Islam
04	Sundarban Mangroves of Koyra, Khulna district	Maanmaan Ahamad Mim Md Mahmud Hasan
94	Molecular identification of indigenous freshwater fish	Moonmoon Ahamed Mim, Md. Mahmud Hasan
05	species through cytochrome b barcoding	Champin Alsten Alstellist Albe
95	Contribution to Family Fish Consumption by Bearded	Sharmin Akter, Abdullah-Al Mamun
	Worm Goby (Chewa Fish): A Community-Based	
	Cross-Sectional Study of Southern Coastal Noakhali	
_	District	
96	Nutrient Composition and Potential Health Benefits of	Mehreen Tabassum, Abdullah-Al Mamun
	the Non-conventional Mantis Shrimp (Oratosquillina	
	perpensa)	
97	Microplastic Contamination in Shrimp Tissue or	Shantanu Karmoker
	Surface Waters: Insights from Assasuni Fish Farms,	
	Satkhira, Bangladesh	

JVASU	Sustainable Aquaculture and Fisheries 2025	
98	Nutritional Profiling of Some Selected Commercially Important Freshwater and Marine Water Fishes of Bangladesh	Md. Rahamat Ullah, Md. Ariful Alam, Md. Arifur Rahman, Md. Nazmul Haque, Md. Rajib Sharker
99	Harnessing the Sundarbans Mangrove Blue Carbon for a Sustainable Blue Economy: A Pathway to Climate Resilience and Economic Growth	Sabrina Jannat Mitu
100	Present Status and Future Potentials of Invasive Suckermouth Catfishes (Siluriformes: Loricariidae) In Bangladesh Wetlands	Md. Masud Rana, Md. Niamul Naser
101	Computational Identification of Garlic and Indian Gooseberry Compounds as Potential Inhibitors of Thermolabile Hemolysin (TLH) in <i>Vibrio alginolyticus</i>	Meamaching Marma, Nafees Bin Reza, Sayed Mashequl Bari
102	Diversity and Community Structure of Marine Fishes in the Lower Meghna River Estuary, Bangladesh: A Case Study on Hatiya and Nijhum Dwip	Md. Nasim Mahmud, Habibur Rahman Sefat, Roksana Jahan
103	Quantitative and Qualitative Characterization of Microplastics in Sediment and Water of Shitalakshya River, Bangladesh	Anika Bushra Dula, Mir Mohammad Ali
104	Development of IoT-Enabled Smart Security Device (SAU Smart Security Guard) for Real-Time Monitoring and Fish Farm Protection	Md. Masud Rana, Shakik Mahmud
105	DNA Barcoding of Sharks of Bangladesh	Nur-A-Zannat, Md. Jayedul Islam, Md. Nazmus Sakib, Mahmuda Parvin, Kazi Ahsan Habib
106	Development of an Integrated Solar-Sun Dryer for Quality and Safe Dried Fish Production	Kazi Ahsan Habib, Farhan Bin Habib, Md. Nazmus Sakib, Md. Jayedul Islam, Mohammed Shariful Azam
107	Development of Ready-to-eat Canned Rohu ( <i>Labeo rohita</i> ), Tilapia ( <i>Oreochromis niloticus</i> ) and Sardine ( <i>Sardinella fimbriata</i> )	Shaid Kaisar Shafi, Fariya Islam Badhon, Sabiha Chowdhury, Md. Nazmus Sakib, Kazi Ahsan Habib
108	Impact of High-Pressure Heat Treatment on the Physicochemical, Nutritional, and Microbiological Properties of Canned Hilsa Aimed at Prolonging Shelf Life	Md. Masud Rana, Mohammad Bodrul Munir , Roslianah Asdari
109	Hatching Performances and Nutritional Value of Different Commercial <i>Artemia</i> Cysts Used for Tiger Shrimp Larviculture	Afsana Zannat Promy, Foyezunnesa Setu, SM Sharifuzzaman
110	Morpho-taxonomic Account of Hermit Crabs (Crustacea: Decapoda) from Chattogram-Cox's Bazar Coast	Md. Rokunuzzaman, Foyezunnesa Setu, SM Sharifuzzaman
111	Hatching performances and nutritional value of different commercial <i>Artemia</i> cysts used for tiger shrimp larviculture	Afsana Zannat Promy, Foyezunnesa Setu, SM Sharifuzzaman
112	Analysis of Aquafeed with Different Protein Level on the Production of Threatened Fish Guizza Ayer, <i>Sperata</i> <i>seenghala</i> (Sykes, 8 9) in Pond Ecosystem	Israt Jahan, Md. Abdus Samad, Md. Istiaque Hosssain, Md. Rezoanul Haque
113	Reproductive Ecology of <i>Macrognathus aculeatus</i> in the Gajner <i>Beel</i> (Wetland): Assessing Eco-Climatic Influences in Northwestern Bangladesh	Md. Akhtarul Islam, Md. Mizanur Rahman <sup>,</sup> Md. Tanvir Wahid Tamim, Md. Yeamin Hossain
114	Harnessing the Sundarbans Mangrove Blue Carbon for a Sustainable Blue Economy: A Pathway to Climate Resilience and Economic Growth	Sabrina Jannat Mitu
115	Antioxidant Activity and Nutritional composition of <i>Meretrix meretrix</i> from the Estuarine Ecosystem of Bangladesh	Maria Khatun, Md. Mostafizur Rahman Mondol