

ICAF 2024
International Conference on Aquaculture and Fisheries
“Blue Revolution for Healthy People, Economy and Environment”
Session Plan

Date:	Hall 1			Hall 2			Hall 3				
Time	ID	Oral No.	Paper Title	ID	Oral No.	Paper Title	ID	Oral No.	Paper Title		
Day 1, Session 1: Advances in Aquaculture (AAQ)				Day 1, Session 1: Breeding & Genetics (B&G)				Day 1, Session 1: Fish Nutrition & Aquatic Food (F&HN)			
Chairperson: Andras Woynarovich				Chairperson: Dr. Bal Krishna Joshi				Chairperson: Dr. Dilip Kumar			
Rapporteur:				Rapporteur:				Rapporteur:			
11:30-11:45	89	ORL- AAQ-12	Recent Advances in Aquaculture Development Worldwide and Opportunities in Nepal Ram C. Bhujel	25	ORL- B&G - 01	Effects of Sex-ratio on Reproductive Performance and Genetic Variation in the Giant Freshwater Prawn <i>Macrobrachium rosenbergii</i> Rafat Hossain, Md. Belal Hossen, Md. Jubayer Alam, and Md. Samsul Alam*	131	ORL- F&HN -08	Fermentation of Plant Feed Ingredients: A Novel Approach for Climate-Resilient and Sustainable Aquaculture Sheikh M Rafiquzzaman		
11:45-11:55	88	ORL-AAQ-18	Effect of Aeration on Carp Polyculture Sandeep Lamichhane*, Dilip Kumar Jha, Rahul Ranjan, and Gagan Bhattarai	17	ORL- B&G - 02	Captive Breeding of Dwarf Gourami <i>Trichogaster lalius</i> with and without Hormone Krishna Paudel* and Rahul Ranjan	18	ORL- F&HN -03	Growth Performance and Feed Utilization of Nile tilapia <i>Oreochromis niloticus</i> Fed with Cricket Meal Substituting Soybean Meal Roshan Ale*, Jharendu Pant and Ram C. Bhujel		
11:55-12:05	58	ORL- AAQ -06	An Update on Freshwater Pearl cultivation Research and Development in Nepal Md. Akbal Husen* and Tek Bahadur Gurung	69	ORL- B&G - 03	Mass Seed Production of Mud Crab <i>Scylla olivacea</i> in Captive Conditions in Bangladesh: Opportunities and Challenges Zobaer Masum*, Abu Nayem, and Abdullah- Al Mamun	134	ORL- F&HN-09	Supplementation of Commercial Probiotics in Feed for Growth and Survival of Rainbow Trout Suraj Kumar Singh*, Mahendra P Bhandari, Utsav Koirala, and Sharad DC		
12:05-12:15	77	ORL- AAQ -11	Small Bubbles but Great Performance: The Potential Positive Implications of Nanobubble Aeration in Aquaculture Hare Ram Devkota*, Dilip Kumar Jha, Tista Prasai Joshi, Shreemat Shrestha, Mahendra Prasad Bhandari, and Mukti Nath Jha	9	ORL- B&G -04	Use of Tamoxifen, a Non-Steroidal Aromatase Inhibitor on Sex Reversal of Red tilapia <i>Oreochromis</i> spp. Yogendra Singh Saud*, Rahul Ranjan, and Dilip Kumar Jha	7	ORL- F&HN-12	Assessment of Mustard Oil Cake as Supplementary Feed for Carps in Ponds with and without Periphyton Enhancement Preyanka Yadav*, Sunila. Rai, Dilp K. Jha, and Rahul Ranjan		
12:15-12:25	28	ORL- AAQ -03	Effects of Aeration on Growth and Production of Carps in Kathar, Chitwan Anish Parajuli*, Sunila Rai, Dilip K Jha, and Narayan P Pandit	92	ORL- B&G -05	How to Produce Excellent KOI CARP: A Case Study of Hokuriku District of Japan Yoichi Ohashi* and Md Akbal Husen	5	ORL- F&HN -02	Effect of Feeding Frequency on Growth and Production of Red Tilapia <i>Oreochromis</i> spp. in a Hapa System Nabin B.C.*, Sunila Rai, and Dilip K Jha		
12:25-12:35	75	ORL- AAQ -09	A Comparative Study on Effectiveness of Clove Oil, Salt, and Oral Rehydration Saline for Increasing Survival Rate on Generation 3 <i>Labeo rohita</i> Live Fry Transportation Md. Salmanur Rahman*, Nazmul Islam, Mehedi Mahmudul Hasan, and Abdullah- Al Mamun	57	ORL- B&G -06	Assessment of Genetic Diversity in <i>Schizothorax richardsonii</i> Across Nepal Using RAPD Markers: Insights into Allelic Variation and Polymorphism Prem Timalisina*, Jeetendra Maharjan, Jagat Kunwar, Anita Gautam, Asha Rayamajhi, Prakash Kunwor, Churamani Bhusal, Umita Shah, Ishwori Mahato, and Neeta Pradhan	8	ORL- F&HN-11	Effect of Ginger <i>Zingiber officinale</i> Rhizome Extract on Growth Performance, Survival and Gut Flora of Common Carp <i>Cyprinus carpio</i> Ramesh Raj Bhandari* and Kanti Shrestha		

12:35-12:45	76	ORL- AAQ-10	Investigating the Efficiency of Different Aeration Systems on Growth Performance of Mono-Sex Nile tilapia <i>Oreochromis niloticus</i> Mithun Roy*, Md. Asaduzzaman, Debasish Shaha, Md Rakeb-UI Islam, and Abdullah-Al Mamun	79	ORL- B&G-07	Induced Breeding and Rearing of Silver carp <i>Hypophthalmichthys molitrix</i> using LHRH-a Hormone Renu Yadav* and Archana Prasad				
12:45-13:05			Discussion			Discussion			Discussion	
13:05-14:00			Lunch Break			Lunch Break			Lunch Break	
Day 1, Session 2: Advances in Aquaculture (AAQ)				Day 1, Session 2: Disease & Health Management (D&H)				Day 1, Session 2: Fish Nutrition & Aquatic Food (F&HN)		
Chairperson: Dr. Ram Chandra Bhujel				Chairperson: Dr. Dilip Kumar Jha				Chairperson: Dr. Md Shahedul Islam		
Rapporteur:				Rapporteur:				Rapporteur:		
14:00-14:15	42	ORL- AAQ-04	Successful Implementation of International Trends in Fishery and Fish Culture in Nepal András Woynarovich* and Sunila Rai	1	ORL- D&H-01	Disease and Health Management in Aquaculture Vaibhavi Khangwal	3	ORL- F&HN-01	Role of Zinc Dietary Supplement on Induced Breeding Potential of Freshwater Catfishes Shivanand Singh*, Kumari Priyanka, Anita Kumari, and Tarun Kumar	
14:15-14:25	127	ORL- AAQ-14	Effect of integrated Bio-char Bedding Materials with Microbial Consortia on Carp Polyculture Anita Gautam*, Suresh K Wagle, Prem Timalisina, Ishori S Mahato, and Bhuwan Gurung	22	ORL- D&H-02	Fish and Fish Parasites in the Tinau River and its Tributaries: A Case Study Maya Upadhyay*, Mahendra Maharjan, and Chhatra Mani Sharma	39	ORL- F&HN-04	Replacement of Shrimp Meal with Fish Meal in Diet of Rainbow Trout <i>Oncorhynchus mykiss</i> Mahendra P. Bhandari*, Binita Acharya, and Pabitra Pandey	
14:25-14:35	2	ORL-AAQ-16	Growth and Production Performance of Old-Stock and Pure Line Common Carp <i>Cyprinus carpio</i> Fry and Fingerling in Kailali Surya B Shahi Thakuri*, Sunila Rai, Jay D Bista, and Md Akbal Husen	66	ORL- D&H-04	Prevalence and Antimicrobial Resistance of <i>Staphylococcus aureus</i> in Fish of Rupandehi District Nepal Jamuna Lamichhane*, Shailesh Gurung, Sirjan Bastola, Kamal Regmi, and Ram Bhajan Mandal	50	ORL- F&HN-05	Silkworm Pupae meal: An Alternative Protein source for Fish meal in the Compound Diet of Rohu <i>Labeo rohita</i> Ganesh Belbase*, Prashant Chaudhary, Shailesh Gurung, and Uma Sharma	
14:35-14:45	73	ORL- AAQ-08	Production of Advanced-Size Fingerlings of Tilapia <i>Oreochromis niloticus</i> during the Winter Season in Cages and a Low-Cost Recirculating Aquaculture System (RAS) in Cox's Bazar, The Southeastern Part of Bangladesh Degonto Islam*, Md. Jubaer Molla, Benoy Kumar Barman, Mohammad Abdul Baten Bhuyain, and Abdullah-Al Mamun	55	ORL- D&H-05	Prevalence and Antibiotic Susceptibility of Pathogenic Bacteria in Cultured <i>Pangasius hypophthalmus</i> from the Terai Region of Nepal Umिता Sah*, Prem Timalisina, Anita Gautam, Jeetendra Maharjan, Jagat Kunwar, Ruja Banjara, Sanuja Thapa, Sita Shrestha, and Smriti Shrestha	71	ORL- F&HN-06	Effects of Aloe Vera <i>Aloe barbadensis</i> Supplemented Feed on Growth Parameters of Rainbow Trout <i>Oncorhynchus mykiss</i> Juvenile Ishori Singh Mahato*, and Krishna Paudel	
14:45-14:55	144	ORL-AAQ-20	Dynamics of Red bloom Algae in Fish ponds and Management for Mitigation Ram Bhajan Mandal*, Sunila Rai, Madhav K Shrestha, Dilip K Jha, and Narayan P Pandit	91	ORL- D&H-06	Diversity of Clostridium Bacteria from Commercially Important Ichthyofauna Inhabiting at Eutrophic Lake of Kashmir Himalaya Mehak Hafeez, Irfan Ahmad *, Oyas Asimi , Tasaduq H Shah, and Adnan Abubakr	124	ORL- F&HN-07	Effect of Multi-Strain Probiotics on the Growth and Survival of Rainbow Trout <i>Oncorhynchus mykiss</i> Manita Paudel*, Sunila Rai, and Mahendra Bhandari	
14:55-15:05	70	ORL- AAQ-07	Moina Culture Fed with Different Diets Patcharee Kaeoprakan*, Jutharat Khaojaturat, Yoshita Thaephom, Vicheka Ros, S. Netthip, and Ram C. Bhujel	145	ORL- D&H-07	Epidemiological-Pathological Study of Fish Lice <i>Argulus Japonicus</i> in Chitwan, Nepal Manoj Kumar Dhakal*, Dilip Kumar Jha, Sunila Rai, and Dinesh Kumar Singh				
15:05-15:15										
15:15-15:35			Discussion			Discussion			Discussion	
15:35-16:05			Hi-Tea Break			Hi-Tea Break			Hi-Tea Break	

Day 1, Session 3: Advances in Aquaculture (AAQ)				Day 1, Session 3 Bangladesh Agricultural University (BAU Special Session)				Day 1, Session 3: Fish Nutrition & Aquatic Food (F&HN)			
Chairperson: Dr. Tek B Gurung				Chairperson: Dr. Sheikh M Rafiquzzaman				Chairperson: Shivanand Singh			
Rapporteur:				Rapporteur:				Rapporteur:			
16:05-16:20	132	ORL-AAQ-15	Aquamimicry: Concept and Application for Sustainable Aquaculture Sheikh M Rafiquzzaman	32	ORL-C&E-08	Transformation of Agricultural Land Based on Land Use Land Cover Dynamics in The Ganges-Padma Floodplain under Changing Climate M Ahmed Farukh*, M. Zulfikar Rahman, M. Abdus Salam, M. Mahfujul Haque, and M.G. Mostofa Amin	65	ORL-F&HN-15	Market Orientation of Ready-to-use RTU Fish and Seaweed Powders: Consumers' Perception, Practice and Future Aspects Aporna Rani Nath*, Md. Shahedul Islam, and Abdullah-Al Mamun		
16:20-16:30	45	ORL-AAQ-05	Past and Present of the Propagation and Pond Culture of Carps in Nepal András Woyrnarovich* and Sunila Rai	33	ORL-EB&C-22	Declining Fish Species Diversity in the Major River Basins in Bangladesh: Strategies for Restoration of Inland Capture Fisheries Production M Mahfujul Haque* M. Zulfikar Rahman, Md. Abdus Salam, M. Asaduzzaman Sarker, M.G. Mostofa Amin, and Murad Ahmed Farukh	68	ORL-F&HN-16	Investigating the Role of Drinking Water, Dietary Iron, and Fish Powder in Meeting Daily Requirements and Their Impact on Adolescents' Anemia Status in Bangladesh Md Rezaul Karim, Md Shahedul Islam*, Sabuktagin Rahman, and Abdullah-Al Mamun		
16:30-16:40	122	ORL-AAQ-17	Survival and Growth Performance of Common Carp <i>Cyprinus carpio</i> Fry in Biofloc Farming System in Tanks Under Different Stocking Densities Shiv Narayan Mehta*, Md. Akbal Husain, and Umita Sah	34	ORL-EB&C-23	Unravelling the Ecological Impact: The Effect of Waste, Effluents, and Agricultural Practices on Biodiversity in Major River Basins of Bangladesh M. Abdus Salam*, M. Zulfikar Rahman, M. Mahfujul Haque, M. Ahamed Farukh, M.G. Mostofa Amin, and M. Asaduzzaman Sarker	64	ORL-F&HN-13	Unsold Food and Wastes of Convenient Stores in Phuket Province Thailand and Scope of Using Them to Reduce the Cost of Fish Feed Pinrat Siripanpong		
16:40-116:50	12	ORL-AAQ-02	Studies on Growth Performance, Fecundity and Water Chemistry in Cage Culture of <i>Bellamy bengalensis</i> (Lamarck,1822) in the Fish Pond of Degree Campus, Biratnagar, Nepal Puja Rai*, Prakash Kumar Yadav, and Bharat Raj Subba	35	ORL-EB&C-24	Assessing the Environmental Flow of Major Rivers in the Ganges-Brahmaputra-Meghna Basin M.G. Mostofa Amin*, M. Zulfikar Rahman, M. Abdus Salam, Mohamamd Mahfujul Haque, M. Asaduzzaman Sarker, and Murad Ahmed Farukh	21	ORL-F&HN-14	Effect of Probiotics on Growth and Survival of Fry and Fingerlings of Gardi <i>Bangana dero</i> Bishnu Prasad Khanal*, Sunila Rai, and Md. Akbal Husen		
16:50-17:00	139	ORL-AAQ-19	Efficacy of Clove oil, Lidocaine-HCL and Propofol as Anesthesia in Nile tilapia <i>Oreochromis niloticus</i> Ratan Saud*, Rahul Ranjan, and Manoj Kumar Shah	36	ORL-EE&P-10	Reforming Fisheries Extension Services in Bangladesh M. Asaduzzaman Sarker*, M. Zulfikar Rahman, M. Abdus Salam, M. Mahfujul Haque, M. G. Amin, and M. Ahmed Farukh					
17:00-17:10	150	ORL-AAQ-21	Energy Efficient Locally Engineered Recirculating Aquaculture System for the Indoor Intensive Aquaculture A. M. Shahabuddin	37	ORL-EE&P-11	Harnessing Sustainable Restoration of Fishery Ecosystem and Aquatic Biodiversity in Bangladesh: Critical Analysis of the Relevant Policies M. Zulfikar Rahman*, M. Mahfujul Haque, M. Abdus Salam, Murad A Farukh, M Asaduzzaman Sarker, and M.G. Mostofa Amin					
17:10-17:30			Discussion			Discussion			Discussion		
18:00 onward			Dinner			Dinner			Dinner		
Day 2, Session 4: Ecology, Biodiversity and Capture Fisheries (EB&C)				Day 2, Session 4: Education, Extension & Policy (EE&P)				Day 2, Session 4: Climate Change & Environment (C&E)			
Chairperson: Prof. Dr. Jiwani Shrestha				Chairperson: Misael M. Sanguila				Chairperson: Prof. Dr. M. Abdus Salam			
Rapporteur:				Rapporteur:				Rapporteur:			

08:15-08:30	15	ORL-EB&C-01	Aqua Pond Gene Bank: An Effective Practice for Dynamic and Evolutionary Conservation of Aquatic Agricultural Biodiversity Bal Krishna Joshi*, Bikash Bushal, Md. Akbal Husen, Umida Sah, and Prem Timalsina	103	ORL-EE&P-07	Can Nepal Achieve Global Fish Consumption Levels Through Aquaculture While Boosting Ecosystem and Social Resilience in the Face of Climate Change? Jharendu Pant	53	ORL- C&E -02	Global Warming Challenges for Aquaculture Md Shahjahan	
08:30-08:40	60	ORL-EB&C-03	Comprehensive mRNA and microRNA Analysis Revealed the Effect and Response Strategy of Freshwater fish, Grass Carp <i>Ctenopharyngodon idella</i> under Geosmin Exposure Jun-ming Zhang*, Huan Han, Yi-chao Li, Bing Fu, Gen Kaneko, Kang Li, Xi-chen Jin, Shuang Ji, Er-meng Yu, and Li-ping Liu	54L	ORL-EE&P-05	Fisheries Education and Training in Nepal: Current status and Future prospects Rudragoud S Biradar	108	ORL- C&E -07	Assessing Climate Impacts and Adaptations in Inland Aquatic Food Systems: A Systematic Review Ben Belton, Abigail Bennett, Mark Axelrod, Maria Claudia Lopez, Roshani Shrestha*, Emma Rice, Saweda Liverpool-Tasie, Michelle Van Deuren, Caden Wade, Allison Saunders, Meghana Karumuri, Jack O'Brien	
08:40-08:50	11	ORL-EB&C-18	Studies on Fish Community Structure and Ecological Degradation of Keshaliya and Singhiya Rivers in Morang District, Koshi Province, Nepal Bharat Raj Subba * and Prakash Kumar Yadav	29	ORL-EE&P-02	Fisheries and Aquaculture Higher Education in Nepal Sunita Rai*, Dilip Kumar Jha, and Rahul Ranjan	114	ORL- C&E -06	Effects of Perfluorooctanoic Acid and nano titanium dioxide on the Physiological defense of the mussel <i>Mytilus coruscus</i> Kiran Khadka*, Bingyan Sun , Yueyong Shang, Haodong Chen, Menghong Hu, Youji Wang	
08:50-09:00	130	ORL-EB&C-20	Impact of Dam on Fish Diversity and Factors Affecting the Abundance and Richness of Fishes in Madi River, Nepal Indira Sharma Bhandari *, Hari Prasad Sharma, and Kumar Sapkota	41	ORL-EE&P-04	International Collaborations in Aquaculture Development of Nepal: The Role of AIT, Thailand Ram C. Bhujel* and Madhav K. Shrestha	61	ORL- C&E -03	Occurrence, Characteristics and Human Risk Assessment of Microplastics in Commercial Fishes from an Urban River, Bangladesh Khadiza Nasrin*, Md. Maynuddin Pathan, Md Anisuzzaman, and M. Belal Hossain	
09:00-09:10	40	ORL-EB&C-02	Feeding Biology of the Torrent Catfish <i>Parachilopterygion hodgarti</i> (Siluriformes: Sisoridae) in Nepal Bhaba Amatya* and Kumar Sapkota	27	ORL-EE&P-01	Fisheries and Aquaculture Extension in Nepal Shital Bhattarai* and Nelson Pokhrel	148	ORL- C&E -09	Climate-Smart Fish Farming in Nepal Srinka Malla	
09:10-09:20	101	ORL-EB&C-09	Study on Fish Diversity of Gauri Shankar Conservation Area Sangam Thapa Magar* and Santoshi Shrestha	38	ORL-EE&P-03	Assessing Water Quality Parameters for Fish Farming in Eastern Nepal: Challenges, Methods and Implications Nelson Pokhrel				
09:20-09:30	119	ORL-EB&C-13	Assessment of Fish Diversity in Rapti and Narayani Rivers in Nepal Narayan Giri * and Santoshi Shrestha							
09:30-09:50			Discussion			Discussion			Discussion	
09:50-10:05			Session Break/ Bio Break			Session Break/ Bio Break			Session Break/ Bio Break	
Day 2, Session 5: Ecology, Biodiversity and Capture Fisheries (EB&C)				Day 2, Session 5: Education, Extension & Policy (EE&P)				Day 2, Session 5: Climate Change & Environment (C&E)		
Chairperson: Prof. Dr. Bharat Subba				Chairperson: Dr. Jharendu Pant				Chairperson: Dr. Md Shahjahan		
Rapporteur:				Rapporteur:				Rapporteur:		
10:05-10:20	106	ORL-EB&C-10	Fishing Practices Assessment of Freshwater Prawn <i>Macrobrachium</i> spp Fishers in Ligawasan Marsh, Southern Philippines Zoren Francis A. Echevarria*, Ryan V. Fabay, Julmaherria M. Salipada, and Misael M. Sanguila	107	ORL-EE&P-08	Aquatic Ecosystem Shared Value Services Assessment in Liyangan River, Munai Lanao Del Norte, Philippines: Focus on Regulating and Cultural Services Misael M. Sanguila*, Zoren Francis A. Echevarria, and Carmelita G. Hansel	26	ORL- C&E -01	Assessing Health of Fish Stocks through Physiology: Effects of Increases in Temperature and Pollution Anabela Maia*, Isabel Cote, Megan Hatcher, Jessi Florendo, Madison Liston, Marco Bonanno, Fathia Obabyi, and Fatma Syll	

10:20-10:30	118	ORL-EB&C-12	Small Indigenous Fish Species of Lumbini Province, Nepal Santoshi Shrestha*, Anil Shrestha, Ram Chandra Poudel, and Kumar Sapkota	67	ORL-EE&P-06	Statistical Approaches to Fisheries Data towards Planning and Policy Development in Nepal Nabaraj Poudel*, Hareram Devkota, Bhojan Dhakal, and Neena Amatya Gorkhali	63	ORL- C&E -04	The Effects of Different Salinities on Some Physiological Characteristics of Freshwater Drum <i>Aplodinotus grunniens</i> Justice Frimpong Amankwah*, Haibo Wen, Liping Liu, Kang Li, Jingwei Liu, Amuneke Kennedy Emeka, and Hongxia Li	
10:30-10:40	62	ORL-EB&C-04	Spatial Distribution, Abundance, and Diversity of Zooplankton in Trans-Boundary River of Bangladesh Md Maynuddin Pathan*, Md. Robiul Hasan, Khadiza Nasrin, Mehedi Mahmudul Hasan, and Md. Mofizur Rahman	138	ORL-EE&P-09	Policy Gaps to Promote “Blue Revolution” in Aquaculture Production in Nepal Tek Bahadur Gurung*, Manjurul Karim, and Kiran Ojha	72	ORL- C&E -05	Prevalence and Quantification of Microplastics in Fish Powders Mohammad Maruf Adnan Chowdhury*, Mir Mohammad Ali, M.A. Mamun Siddiquee, Subrata Sarker, Harunur Rashid, and Abdullah-Al Mamun	
10:40-10:50	84	ORL-EB&C-06	Proposing Big in Small-Scale Fisheries for establishment of Too Big to Ignore Hub in Nepal for Land-Locked Countries Tek B Gurung*, Chiranjibi Bhattarai, Sarita Gautam, Ramanand Mishra, Thaneshwor Bhandari, Nelson Pokharel, Ranju Ghimire, Devendra Gauchan, Yam B Thapa, Hari Pant, Abhilasha Jha, Umita Sah, Shiv N Mahato, Akbal Husen, Bharat R Subba, Dilip K Jha, Sunila Rai, Suresh K Wagle, Srishti Ghising, Madhav K Shrestha, Rodger Dylan, Bryce William , Subodh Sharma, Pramod Rijal, Kailash Gurung, Rahul Ranjan, Hira Chudali, Narayan Gyawali, Manjurul Karim, Svein Jentoft, and Ratana Cheunpagdee			Lutheran World Relief (Policy Gap Discussion Session)				
10:50-11:00	16	ORL-EB&C-15	Gut Content Analysis of Nile tilapia <i>Oreochromis niloticus</i> and Glass fish <i>Chanda nama</i> of Begnas Lake, Kaski, Nepal Md. Akbal Husen, Alisha Basnet*, Rabina Shahi, Naresh Khanal, and Sunita Chand							
11:00-11:10	19	ORL-EB&C-16	Nutrients Concentration in the Sediments of Seven Major Lakes of Pokhara Valley Kaski Nepal Md. Akbal Husen, Rabina Shahi*, Naresh Khanal, Alisha Basnet, and Sunita Chand							
11:10-11:20	20	ORL-EB&C-17	Planktons Diversity, Richness and Seasonal Variations in the Eight Lakes of Pokhara Valley, Kaski, Nepal Md. Akbal Husen, Naresh Khanal*, Rabina Shahi, Alisha Basnet, and Sunita Chand							
11:20-11:35			Discussion			Discussion			Discussion	
11:35-11:45			Session Break/ Bio Break			Session Break/ Bio Break			Session Break/ Bio Break	
Day 2, Session 6: Ecology, Biodiversity and Capture Fisheries (EB&C)				Day 2, Session 6: FAO Session				Day 2, Session 6: Farmers’& Private Sector Initiative (F&PI)		
Chairperson: Dr. Deep Bahadur Swar				Chairperson: Mr. Arjun Singh Thapa				Chairperson: Pramod Rijal		
Rapporteur:				Rapporteur:				Rapporteur:		

11:45-12:00	116	ORL-EB&C-11	The Ex-situ Conservation Practices on State Fish of Madhya Pradesh Mahseer <i>Tor tor</i> Mahendra Singh	142	ORL-EE&P-12	Issues, Opportunities and Challenges in Pangasius Farming in Nepal Rama Nanda Mishra* and Suresh Kumar Wagle	110	ORL-F&PI-05	Fostering Aquaculture Expansion in Nepal: How CAARP is Enhancing Access to Quality Seed for Tilapia, Pangasius, and Sahar Madhav K. Shrestha*, Jay D. Bista, Jharendu Pant, Ram C. Bhujel, Rabindra K. Batajoo, and Kiran K. Amatya	
12:00-10:00	133	ORL-EB&C-14	Taxonomic Diversity of Genus <i>Tor</i> in Kali Gandaki River, Nepal Pawan Rana* and Santoshi Shrestha	143	ORL-EM&P-08	Market System Development and Economic Assessment of the Pangasius Value Chain in Nepal Deepak Ratna Tuladhar* and Neha Sah Teli	128	ORL-F&PI-03	Varieties of Fish Products Offered by Annapurna Aqua Food Pvt. Ltd. Sandesh Ghimire	
12:10-12:20	87	ORL-EB&C-07	Conservation, Research and Development Status of Himalayan Golden Mahseer in Nepal Jay Dev Bista*, Tek B Gurung, Sadhu R Basnet, Arun K Baidya, Subhash K Jha and Madhav K Shrestha			FAO Interaction Session	137	ORL-F&PI-06	Biofloc Fish Farming in Nepal Prakash Panthi	
12:20-12:30	81	ORL-EB&C-05	Fish Diversity of Upper Churia Range in Babai River, Dang, Lumbini Province, Nepal Ganesh Bahadur Thapa*, Shivaraj Neupane, and Bharat Raj Subba				125	ORL-F&PI-07	Rainbow Trout <i>Oncorhynchus mykiss</i> in Recirculating Aquaculture System: Challenges and its future in context of Nepal Prajwol KC	
12:30-12:40	136	ORL-EB&C-19	Ichthyofaunal Diversity in the Narayani River and its Tributaries, Nepal Dilip Kumar Jha* and Rahul Ranjan				151	ORL-F&PI-09	Bottlers Nepal	
12:40-12:50	130	ORL-EB&C-21	Feeding in Oligotrophic Water: Gill Structure of <i>Pinctada radiata</i> and <i>Spondylus gaederopus</i> Biplov Shrestha*, Peter Beninger, and Laurent Barille							
12:50-13:00	95	ORL-EB&C-08	Algal Diversity and Water Quality of Mai Pokhari, Ilam, Eastern Nepal Rashmi Shrestha*, Pushpa Poudel, and Shiva Kumar Rai							
13:00-13:10	149	ORL-EB&C-25	The Status of Fish Diversity of The Dudhkoshi River of Eastern Nepal Om H. Shrestha* and Daya Ram Bhusal							
13:10-13:20			Discussion			Discussion			Discussion	
13:15-14:15			Lunch			Lunch			Lunch	
Day 2, Session 7: Economics, Market & Products (EM&P)				Day 2, Session 7: Gender in Aquaculture & Fisheries (GA&F)				Day 2, Session 7: Farmers' & Private Sector Initiative (F&PI)		
Chairperson: Rama Nanda Mishra				Chairperson: Prof. Dr. Durga Devkota				Chairperson: Baikuntha Adhikari		
Rapporteur:				Rapporteur:				Rapporteur:		
14:15-14:30	80	ORL-EM&P-04	Wrought Wealth from the Waste: Extraction and Characterization of Chitosan through the Utilization of Discarded Shells of Soft-Shell Mud Crabs in Bangladesh Krishna Das*, Dr. Abdullah-Al Mamun, Dr. Fataha Nur Robel, Mithun Roy, Deganto Islam, and Taushik Lahiri	93	ORL-GA&F-04	Gender in Aquaculture and Fisheries Yamuna Ghale	51	ORL-F&PI-02	Smart Fish Pond Management Approach: Integrating Automated Feeding and Aeration Systems for Enhanced Aquaculture Productivity Saroj Mandal	
14:30-14:40	6	ORL-EM&P-01	Jellyfish Processing and Proximate analysis: Utilization of underexploited Marine resource Bragadeeswaran, S.*, Kumarasen, S., Sandhiya. P., Manikandan, R., Sri	86	ORL-GA&F-03	Gender Assessment in Fisheries and Aquaculture Higher Education in Nepal Sunita Rai	24	ORL-F&PI-01	A Successful Breakthrough on Breeding of Common Carp <i>Cyprinus carpio</i> in Highlands of Nepal: A Hitherto Unexplored Bid Khop Narayan Shrestha* and Rahul Ranjan	

			Nandhan, R., Saidharan, T., Mohamed Asarudeen, J., Srikavibharathi, S., and W.V. Celcia						
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15:20-15:35	141	ORL-EM&P-07	Strategies for Mitigating Off-Flavors and Enhancing the Quality of Pond-Cultured Grass Carp <i>Ctenopharyngodon idella</i> Li Kang*, Yan Li, Luo Xueneng, Zhang Junming, Han Huan, Shen Ziqian, Jin Xichen, Li Jiawei, Huang Hongmin, Wu Zhenghai, Kamala Gharti, and Liu Liping						
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