

## Schedule

**The 10th International Conference on Multidisciplinary Research (ICMR) in  
Conjunctio with The 2nd International and National Symposium on Aquatic  
Environment and Fisheries (INSAEF) 2021 Rundown Schedule  
Monday – September 27th, 2021 – Banda Aceh, Indonesia**

<b>Time (Indonesia Time)</b>	<b>Schedule</b>	<b>PIC</b>
08.00 – 08.30	Registration	Cut Dara Dewi and Nururrahmi
08.30 – 08.40	Opening	Armia Natsir
08.40 – 09.00	Reciting of Holy Quran	Luthfy Utomo Hafidz; Laras Nauna
09.00 – 09.05	Singing The National Anthem of Indonesia "Indonesia Raya"	Video (Committee)
09.05 – 09.10	Chair Person's Report Speech	Chief of Committee <b>Haekal Azief Haridhi, Ph.D</b>
09.10 – 09.20	Preface and Opening Remarks	Rector of Universitas Syiah Kuala represented by Vice Rector of Academics <b>Prof. Dr. Ir. Marwan</b>
09.20 – 09.25	Do'a	Luthfy Utomo Hafidz; Laras Nauna
09.25 – 09.35	Break (Video of Aceh traditional dance)	Committee
09.35 – 11.20	<b>Keynote Speakers (Special Sessions)</b>	
	Moderator: <b>Dr. M. Irham</b>	
	Chairman of Center for Environmental Studies, NCU, Taiwan	<b>Prof. Shu-Kun Hsu</b>
	Department of Biotechnology, Faculty of Applied Science, AIMST University, Malaysia	<b>Prof. Dr. Kasi Marimuthu</b>

	Dean of the Faculty of Earth Sciences and Technology, Bandung Institute of Technology, Indonesia	<b>Dr. Ir. Irwan Meilano, M.Sc</b>
11.20 – 12.00	<b>Parallel Sessions - Part I (Poster Presentation)</b>	Committee
12.00 – 13.20	Lunch and Dhuhur Prayer	Committee
13.20 – 13.40	<b>Invited Speaker* (Special Sessions)</b>	
	<b>Dr. Zarina Md Nor</b> (Universiti Sains Malaysia, Malaysia)	Moderator Room 1
	<b>Muhammad Nasir Badu, Ph.D</b> (Universitas Hasanuddin, Indonesia)	Moderator Room 2
	<b>Dr. Do Hai Yen</b> (Tan Trao University, Vietnam)	Moderator Room 3
	<b>Dr. Frauke Klingelhofer</b> (IFREMER, France)	Moderator Room 4
	<b>Prof. Marc-André Gutscher</b> (Université de Bretagne Occidentale, France)	Moderator Room 5
	<b>Prof. Hasrita Lubis, M.Pd</b> (Universitas Islam Sumatera Utara, Indonesia)	Moderator Room 6
	<b>Dr. Nur Fadli</b> (Universitas Syiah Kuala, Indonesia)	Moderator Room 7
13.40 – 16.15	<b>Parallel Sessions - Part II (Oral Presentation) and Student Sessions</b>	Committee
16.15 – 16.30	Break and Ashar Prayer	Committee
16.30 – 17.10	<b>Keynote Speakers (Special Sessions)</b>	
	Moderator: <b>Dr. Ella Meilianda</b>	
	Research Scientist, Marine Geodynamics, GEOMAR, Germany	<b>Dr. Morelia Urlaub</b>
17.10 – 17.40	Closing (including the announcement of best oral, best poster, and best student presenter)	Master of Ceremony

**The 10th International Conference on Multidisciplinary Research (ICMR) in  
Conjunction with The 2nd International and National Symposium on Aquatic  
Environment and Fisheries (INSAEF) 2021  
RUNDOWN SCHEDULE**

**Monday – September 27th, 2021 – Banda Aceh, Indonesia**

Time (Indonesia Time)	Schedule	PIC
08.00 – 08.30	Registration	Committee
08.30 – 09.35	Opening and Break	Armia Natsir
09.35 – 11.20	<b>Keynote Speakers (Special Sessions)</b>	Moderator: Dr M. Irham
	Chairman of Center for Environmental Studies, NCU, Taiwan - <b>Prof. Shu-Kun Hsu</b>	
	Department of Biotechnology, Faculty of Applied Science, AIMST University, Malaysia - <b>Prof. Dr. Kasi Marimuthu</b>	
	Dean of the Faculty of Earth Sciences and Technology, Bandung Institute of Technology, Indonesia - <b>Dr. Ir. Irwan Meilano, M.Sc</b>	
11.20 – 12.00	<b>Parallel Sessions - Part I (Poster Presentation)</b>	Committee
12.00 – 13.20	Lunch and Dhuhur Prayer	Committee
13.20 – 13.40	<b>Invited Speaker* (Special Sessions)</b>	
	<b>Dr. Zarina Md Nor</b> (Universiti Sains Malaysia, Malaysia)	Moderator Room 1
	<b>Muhammad Nasir Badu, Ph.D</b> (Universitas Hasanuddin, Indonesia)	Moderator Room 2
	<b>Dr. Do Hai Yen</b> (Tan Trao University, Vietnam)	Moderator Room 3
	<b>Dr. Frauke Klingelhofer</b> (IFREMER, France)	Moderator Room 4
	<b>Prof. Marc-André Gutscher</b> (Université de Bretagne Occidentale, France)	Moderator Room 5
	<b>Prof. Hasrita Lubis, M.Pd</b> (Universitas Islam Sumatera Utara, Indonesia)	Moderator Room 6
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16.30 – 17.10	<b>Keynote Speakers (Special Sessions)</b>	Moderator: Dr. Ella Meilianda
	Research Scientist, Marine Geodynamics, GEOMAR, Germany - <b>Dr. Morelia Urlaub</b>	
17.10 – 17.40	Closing	Master of Ceremony

**KEYNOTE SPEAKERS**

<b>Time (Indonesia Time)</b>	<b>Institution</b>	<b>Keynote Speakers</b>	<b>Moderator</b>
09.35 – 10.10	Chairman of Center for Environmental Studies, NCU, Taiwan	<b>Prof. Shu-Kun Hsu</b>	Dr M. Irham
10.10 – 10.45	Department of Biotechnology, Faculty of Applied Science, AIMST University, Malaysia	<b>Prof. Dr. Kasi Marimuthu</b>	Dr M. Irham
10.45 – 11.20	Dean of the Faculty of Earth Sciences and Technology, Bandung Institute of Technology, Indonesia	<b>Dr. Ir. Irwan Meilano, M.Sc</b>	Dr M. Irham
16.30 – 17.10	Research Scientist, Marine Geodynamics, GEOMAR, Germany	<b>Dr. Morelia Urlaub</b>	Dr. Ella Meilianda

### INVITED SPEAKERS

Time (Indonesia Time)	Institution	Moderator	Room
13.20 – 13.40	<b>Dr. Zarina Md Nor</b> (Universiti Sains Malaysia, Malaysia)	Dr. Zarina Md Nor	Room 1
	<b>Muhammad Nasir Badu, Ph.D</b> (Universitas Hasanuddin, Indonesia)	Muhammad Nasir Badu, Ph.D	Room 2
	<b>Dr. Do Hai Yen</b> (Tan Trao University, Vietnam)	Dr. Do Hai Yen	Room 3
	<b>Dr. Frauke Klingelhofer</b> (IFREMER, France)	Siska Mellisa, S.Kel., M.Sc	Room 4
	<b>Prof. Marc-André Gutscher</b> (Université de Bretagne Occidentale, France)	Sri agustina, S.Si., M.S	Room 5
	<b>Prof. Hasrita Lubis, M.Pd</b> (Universitas Islam Sumatera Utara, Indonesia)	Adrian Damora, S.Pi., M.Si	Room 6
	<b>Dr. Nur Fadli</b> (Universitas Syiah Kuala, Indonesia)	Dedi Fazriansyah Putra, S.St.Pi., M.Sc	Room 7

**STUDENT SESSIONS (Room 1)**

No	Time	Registration No	Presenters	Affiliation	E-mail	Title
1	13.50 - 14.00	INS21-O-001	Febryanto Simanjuntak	Center for Space and Remote Sensing Research	febryantosimanjuntak25@gmail.com	Depiction of Typhoon Mangkhut (2018) and its impact based on satellite observations
2	14.00 - 14.10	INS21-O-002	Rd Salsa Dewi Kusuma	Marine Science Study Program, Universitas Padjajaran, West Java, 45363, Indonesia	salsa18003@mail.unpad.ac.id	Design and Development of Low-Cost Multiparameter Ocean Observation Instrument
3	14.10 - 14.20	INS21-O-003	Alfinna Yebelanti	Marine Science Department Universitas Padjajaran	alfinna18001@mail.unpad.ac.id	Patterns, Types, and Distributions of Macroplastic Debris Based on Oceanographic Conditions and Community Perspectives: Case Studies in Muara Gembong Downstream of Citarum
4	14.20 - 14.30	INS21-O-004	Khansa Iklila Hanifa	Sekolah Alam Perkasa	bundaulfa1981@gmail.com	Social, Cultural, Economic and Mangrove Resources of Gampong Lapeng, Pulo Breuh Aceh Besar
5	14.30 - 14.40	INS21-O-005	Nur Rohim	Study Program of Aquatic Resource Management, Graduate School, IPB University, Bogor, 16680, Indonesia	nurrohim@apps.ipb.ac.id	Aquatic Environmental Characteristic of Singkil Swamp Wildlife Reserve in Aceh Singkil Regency as Basis of Freshwater Fisheries
6	14.40 - 14.50	INS21-O-006	Mahardiani Putri Naulia Batubara	Marine Science Department, Faculty of Fishery and Marine Science, Diponegoro University	mahardianiputri@gmail.com	The Appearance and Relationship between Madden-Julian Oscillation and Sea Surface Temperature in Tropics Area in 2010 – 2020
7	14.50 - 15.00	INS21-O-009	Asep Sahidin	Fisheries Department, Fisheries and Marine Science Faculty, Universitas Padjajaran	<a href="mailto:asep.sahidin@unpad.ac.id">asep.sahidin@unpad.ac.id</a>	Assessment Of Water Quality Based On Biological Indices Of Macrobenthos: A River Under Pressure From Tourism Activities

**Room 1**

**Moderator : Dr. Zarina Md Nor**

**Commitee: Cut Dara Dewi (PIC), Alfis Syahril (IT)**

ORAL SESSION						
No	Time	Registration No	Presenters	Affiliation	E-mail	Title
13.25 - 13.30		<b>Room Registration</b>				
13.30 - 13.50		<b>Invited Speaker</b>	<b>Dr. Zarina Md Nor</b>	<b>School of Distance Education, Universiti Sains Malaysia</b>	zarina.nor@usm.my	<b>Precarious Employment amongst Low Income Single Mothers in Malaysia: The implications on family wellbeing.</b>
1	13.50 - 14.00	INS21-O-001	Febryanto Simanjuntak	Center for Space and Remote Sensing Research	febryantosimanjuntak25@gmail.com	Depiction of Typhoon Mangkhut (2018) and its impact based on satellite observations
2	14.00 - 14.10	INS21-O-002	Rd Salsa Dewi Kusuma	Marine Science Study Program, Universitas Padjajaran, West Java, 45363, Indonesia	salsa18003@mail.unpad.ac.id	Design and Development of Low-Cost Multiparameter Ocean Observation Instrument
3	14.10 - 14.20	INS21-O-003	Alfinna Yebelanti	Marine Science Department Universitas Padjadjaran	alfinna18001@mail.unpad.ac.id	Patterns, Types, and Distributions of Macroplastic Debris Based on Oceanographic Conditions and Community Perspectives: Case Studies in Muara Gembong Downstream of Citarum
4	14.20 - 14.30	INS21-O-004	Khansa Iklila Hanifa	Sekolah Alam Perkasa	bundauf1981@gmail.com	Social, Cultural, Economic and Mangrove Resources of Gampong Lapeng, Pulo Breuh Aceh Besar
5	14.30 - 14.40	INS21-O-005	Nur Rohim	Study Program of Aquatic Resource Management, Graduate School, IPB University, Bogor, 16680, Indonesia	nurrohim@apps.ipb.ac.id	Aquatic Environmental Characteristic of Singkil Swamp Wildlife Reserve in Aceh Singkil Regency as Basis of Freshwater Fisheries
6	14.40 - 14.50	INS21-O-006	Mahardiani Putri Naulia Batubara	Marine Science Department, Faculty of Fishery and Marine Science, Diponegoro University	mahardianiputri@gmail.com	The Appearance and Relationship between Madden-Julian Oscillation and Sea Surface Temperature in Tropics Area in 2010 – 2020
7	14.50 - 15.00	INS21-O-009	Asep Sahidin	Fisheries Department, Fisheries and Marine Science Faculty, Universitas Padjadjaran	asep.sahidin@unpad.ac.id	Assessment Of Water Quality Based On Biological Indices Of Macroinvertebrates: A River Under Pressure From Tourism Activities

Room 2

Moderator : Muhammad Nasir Badu,  
Ph.D

Commitee: Rahmi (PIC), Riyan Maulana (IT)

ORAL SESSION						
No	Time	Registration No	Presenters	Affiliation	E-mail	Title
13.25 - 13.30		<b>Room Registration</b>				
13.30 - 13.50		<b>Invited Speaker</b>	<b>Muhammad Nasir Badu, Ph.D</b>	<b>Universitas Hasanuddin, Indonesia</b>		<b>People smuggling to Australia: An Overview Of Maritime Transnational Crime</b>
1	13.50 - 14.00	INS21-P-011	Desi Novita	Universitas Islam Sumatera Utara, Medan, 20217, Indonesia	desi.novita@uisu.ac.id	Determination of superior agriculture commodities in North Sumatra Province
2	14.00 - 14.10	INS21-P-023	Dr.rer.nat. Am Azbas Taurusman	IPB University	azbas@apps.ipb.ac.id	Social, Economic and Institutional Study of Purse Seine Fisheries based on the Ecosystem Approach in Kutaraja Ocean Fishing Port, Banda Aceh
3	14.10 - 14.20	INS21-P-037	Rani Hafsaridewi	Research Center for Marine and Fisheries Socio Economics	hafsaridewi@yahoo.com	Study on the Seaweed Farming Community Resilience of in Pandeglang
4	14.20 - 14.30	INS21-P-055	Wempie Yuliane	University Andalas	wempie_y@yahoo.com	Community Based Tourism in Nagari Lawang, West Sumatera: Participation Approach Analysis
5	14.30 - 14.40	INS21-P-075	Nur Anita Yunikawati	Universitas Negeri Malang	nur.anita.fe@um.ac.id	Tourism Revival Strategy During Covid19 Pandemic : A Case Study In The Kemiren Traditional Village, Indonesia.
6	14.40 - 14.50	INS21-P-088	Nizalmie Azani	Institute of Tropical Aquaculture and Fisheries, Universiti Malaysia Terengganu, 21300 Kuala Nerus, Terengganu, Malaysia	nadiyah.rasdi@umt.edu.my / muhammadnizalmie@gmail.com	Survival, reproduction and generation time of freshwater zooplankton ( <i>Ceriodaphnia</i> sp.) on different enrichment and its potential use in freshwater aquaculture
7	14.50 - 15.00	INS21-P-094	Retno Widiastuti	Balai Besar Riset Sosial Ekonomi Kelautan dan Perikanan	echamichelle@gmail.com	Institutional strengthening in supporting aquaculture bussiness development in Magelang Regency
8	15.00 - 15.10	INS21-P-097	Muhammad Adli Abdullah	Faculty of Law Universitas Syiah Kuala Darussalam 23111 Banda Aceh Indonesia	bawarith@unsyiah.ac.id	Adat laot adaptation for sustainable fisheries development in Aceh Province



**Room 3**

**Moderator : Dr. Do Hai Yen**

**Committee: Ratna Mutia Aprilla (PIC), Rizki Firdausi (IT)**

ORAL SESSION						
No	Time	Registration No	Presenters	Affiliation	E-mail	Title
13.25 - 13.30		<b>Room Registration</b>				
13.30 - 13.50		Invited Speaker	Dr. Do Hai Yen	Tan Trao University, Vietnam	dohaiyentq@gmail.com	<b>European Union-Vietnam Free Trade Agreement (EVFTA): Opportunities and Challenges for Vietnam's Seafood Exports</b>
1	13.50 - 14.00	INS21-P-001	M. Shabri Abd Majid	Department of Economics, Faculty of Economics and Business, Universitas Syiah Kuala (USK)	mshabri@unsyiah.ac.id	What Contributes to Micro, Small, and Medium Enterprises' Productivity in Fisheries Sector in Aceh, Indonesia?
2	14.00 - 14.10	INS21-P-009	Rahayu Sri	Islamic University of North Sumatera	sri.rahayu@fe.uisu.ac.id	Intellectual Capital And Islamic Corporate Social Responsibility On The Financial Performance of Sharia Commercial Banks in Indonesia
3	14.10 - 14.20	INS21-P-021	Arifa Pratami	Universitas Islam Sumatera Utara, Medan	pratamiarifa@gmail.com	Financial technology lending services peer to peer the perspective of the Pantai Cermin Kabupaten Serdang Bedagai
4	14.20 - 14.30	INS21-P-035	Syafruddin Chan	Universitas Syiah Kuala	syafruddin.chan@unsyiah.ac.id	The impact of the spread of covid-19 on marine tourism-based small businesses and suggested recovery plans
5	14.30 - 14.40	INS21-P-046	Sheila Fitriana	Universitas Islam Sumatera Utara	sheila.fitriana01@gmail.com	Profile of Rational Thinking Ability Skills and Student Learning Motivation in Physics Learning
6	14.40 - 14.50	INS21-P-051	Fenty Puluhulawa	State University of Gorontalo	fentypuluhulawa@ung.ac.id	Public Participation in Regulation On The Protection of Marine Resources
7	14.50 - 15.00	INS21-P-059	Nurmalita	Universitas Malikussaleh	nurmalita@unimal.ac.id	Utilization of Gayo coffee husk waste for natural activated carbon obtained by two activation method
8	15.00 - 15.10	INS21-P-084	Naeruz Milla	Fakultas Ekonomi Universitas Islam Sumatera Utara	milla.naeruz@gmail.com	The impact of economic due to technological developments, digital payment, and fluctuation in interest rates and exchange rate
9	15.10 - 15.20	INS21-P-092	M Nasir	Management Department, Faculty of Economics and Business, Syiah Kuala University, Indonesia	syafruddin.chan@unsyiah.ac.id	The function of the attitude of islamic banks in coastal societies in mediating the effect of emotional attachment on continuance intention of islamic banks

**Room 4**

**Moderator : Siska Mellisa,  
S.Kel., M.Sc**

**Committee: Alvi Rahmah (PIC), Nasrullah (IT)**

POSTER SESSION						
No	Time	Registration No	Presenters	Affiliation	E-mail	Title
11.20 - 11.25		<b>Room Registration</b>				
1	11.25 - 11.30	INS21-P-012	Muhammad Irham	Program studi Ilmu Kelautan, Fakultas Kelautan dan Perikanan, Universitas Syiah Kuala	irham@unsyiah.ac.id	Two-dimensional hydrodynamics in the west coast of Aceh Besar: an overview of tidal dynamics and wind forces
2	11.30 - 11.35	INS21-P-014	Ilham Zulfahmi	Universitas Syiah Kuala	ilham.zulfahmi@unsyiah.ac.id	Commercial Marine Fish from Weh Island, Indonesia: Checklist, Distribution Pattern, Conservation Status, and Economic Importance
3	11.35 - 11.40	INS21-P-016	Muhammad Irham	Program Studi Ilmu Kelautan, Fakultas Kelautan dan Perikanan, Universitas Syiah Kuala	irham@unsyiah.ac.id	Coastal risk analysis in the west coast of Aceh Besar based on geo-oceanographic parameters
4	11.40 - 11.45	INS21-P-017	Iko Imelda Arisa	Universitas Syiah Kuala	ikoimeldaarisa@unsyiah.ac.id	The effect of Cassia alata L. Leaf extract on egg hatchability and survival of <i>Pangasius</i> sp.
5	11.45 - 11.50	INS21-P-030	Alfis Syahril	Department of Aquaculture, Faculty of Marine and Fisheries, Universitas Syiah Kuala, Banda Aceh 23111, Indonesia	alfissyahril16@gmail.com	Vannamei <i>Litopenaeus vannamei</i> Shrimp Production in Tarpaulin Ponds with Various Stocking Densities
6	11.50 - 11.55	INS21-P-039	A A Muhammmadar	Departement of Aquaculture, Faculty of Marine and Fisheries, University Syiah Kuala, Banda Aceh, Indonesia	muhammadar@unsyiah.ac.id	Long-weight relationship and bioreproduction aspects of Tiger shrimp ( <i>Penaeus monodon</i> Fabricius, 1798) and Banana shrimp ( <i>Penaeus merguensis</i> De Man, 1888) in Lampulo, Aceh.
7	11.55 - 12.00	INS21-P-040	Agus Widi Priana	Universitas Syiah Kuala	ichsansetiawan@unsyiah.ac.id	Mapping Potential Fishing Zones Based on Sea Surface Temperature and Chlorophyll-a in Aceh Besar Waters
8	12.00 - 12.05	INS21-P-043	Kavinta Melanie	Universitas Syiah Kuala	kavintamelanie@unsyiah.ac.id	The prevalence and intensity of ectoparasites that infected tilapia in Floating Net Cages
9	12.05 - 12.10	INS21-P-045	Ichsan Setiawan	Universitas Syiah Kuala	ichsansetiawan@unsyiah.ac.id	Refraction and diffraction of sea waves in Lhoknga and Lampuok Coastal Waters, Aceh Besar District, Indonesia
10	12.10 - 12.15	INS21-P-079	Alvi Rahmah	Universitas Syiah Kuala	alvi_rahmah@unsyiah.ac.id	Study of Determining the Fishing Season for Tiger Grouper ( <i>Epinephelus fuscoguttatus</i> ) Landed at Kutaraja Fishing Port, Banda Aceh
11	12.15 - 12.20	INS21-P-081	Siska Mellisa	Department of Aquaculture, Faculty of Marine and Fisheries, Universitas Syiah Kuala, Banda Aceh 23111, Indonesia.	siska_mellisa@unsyiah.ac.id	Induction of Oocyte Developer Hormones (Oodev) on The Maturity of Kawan fish ( <i>Poropuntius tawarensis</i> )
<b>Break (Dzuhur Prayer)</b>						

ORAL SESSION						
13.25 - 13.30		Room Registration				
13.30 - 13.50		Invited Speaker	Dr. Frauke Klingelhofer	IFREMER, France	fklingel@ifremer.fr	The French research institute Ifremer and the french Caribbean research projects
1	13.50 - 14.00	INS21-P-010	Asep Hamzah	Jurusan Ilmu Perikanan, Fakultas Pertanian, Universitas Sultan Ageng Tirtayasa	asep.hamzah@untirta.ac.id	Slignificant environmental aspects analysis on Karangantu archipelago fishing port, Banten Province
2	14.00 - 14.10	INS21-P-027	Mainisa	Aquaculture Department, Agriculture Faculty, Universitas Malikussaleh, North Aceh 24355 Indonesia.	mainisa@unimal.ac.id	Implementation of Astaxanthin to Increase the Pigmentation and Growth of Clownfish
3	14.10 - 14.20	INS21-P-036	Farah Diana	Teuku Umar University	mahendra@utu.ac.id	Rice and Fish Productivity and Farming Business Analysis Minapadi on Legowo Systems and Endemic Fish
4	14.20 - 14.30	INS21-P-038	Mahendra	Teuku Umar University	mahendra@utu.ac.id	The Effect of Different Stock Dents on The Performance of Polets (Macrobracium Rosenberгии) and Production of Rice Plant in Rice Systems
5	14.30 - 14.40	INS21-P-041	Prama Hartami	Malikussaleh University, Jl. Cot Tengku Nie Reuleut Muara Batu, Aceh Utara 24355, Indonesia	prama.hartami@unimal.ac.id	Increased Production of Catfish (Clarias gariepinus) Seeds through Accelerated Rematuration of Female Broodstock Using Induction of Natural and Hormonal Materials
6	14.40 - 14.50	INS21-P-053	Z A Muchlisin	Universitas Syiah Kuala	muchlisinza@unsyiah.ac.id	Current Research on the Indonesian Mahseer (Genus Tor) With Focusing on Aceh Region
7	14.50 - 15.00	INS21-P-054	Rahmatul Fajri	Universitas Samudra	rahmatulfajri@unsam.ac.id	Doping Nikel (Ni) Metal in Zeolitic Imidazolate Framework-8 By Using Green Synthesis Method
8	15.00 - 15.10	INS21-P-085	Nurhayati	Fakultas Pertanian Universitas Islam Sumatera Utara	nurhayatib@yahoo.co.id	The effect pof concentration of AB Mix and ZPT solutions on the growth and production of Mustard Plants (Brassica juncea L.) in hydroponic Wick Systems
9	15.10 - 15.20	INS21-P-041	Prama Hartami	Malikussaleh University, Jl. Cot Tengku Nie Reuleut Muara Batu, Aceh Utara 24355, Indonesia	prama.hartami@unimal.ac.id	Increased Production of Catfish (Clarias gariepinus) Seeds through Accelerated Rematuration of Female Broodstock Using Induction of Natural and Hormonal Materials
10	15.20 - 15.30	INS21-P-003	Nadia Amsalia	Department of Marine Sciences, Faculty of Marine and Fisheries, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia.	srizal@unsyiah.ac.id	The impact of current speed on sea surface temperature and salinity patterns in the Bay of Bengal
11	15.30 - 15.40	INS21-P-100	Nyak Amir	Universitas Syiah Kuala	muhammad@unsyiah.ac.id	Analysis of lighting of a football stadium

**Room 5**

**Moderator : Sri Agustina, S.Si., M.S**

**Committee: Irma Dewiyanti (PIC), Syahrul Purnawan (IT)**

POSTER SESSION						
No	Time	Registration No	Presenters	Affiliation	E-mail	Title
<b>Room Registration</b>						
1	11.25 - 11.30	INS21-P-008	Yayang Rifka/Chitra Octavina	Universitas Syiah Kuala	chitraoctavina@unsyiah.ac.id	Community structure of invasive aquatic invertebrates in coral reef ecosystems in the KKPD PISISI Simeulue
2	11.30 - 11.35	INS21-P-044	M. Agustiar/Chitra Octavina	Universitas Syiah Kuala	chitraoctavina@unsyiah.ac.id	Community Structure Of Mangrove In Lambadeuk Village, Peukan Bada District, Aceh Besar Regency
3	11.35 - 11.40	INS21-P-048	Akmal Rizqullah	USK	dfputra@unsyiah.ac.id	Growth Performance of Green mussel ( <i>Perna viridis</i> L.) at Different Depths in Estuary of Alue Naga Village, Banda Aceh
4	11.40 - 11.45	INS21-P-068	Ulfa Fariansyah/Irma Dewiyanti	Marine and Fisheries Faculty	irmadewiyanti@unsyiah.ac.id	Cellulase enzyme activity by bacteria cellulolytic isolated from water of mangrove ecosystem in Aceh Besar and Banda Aceh
5	11.45 - 11.50	INS21-P-071	Dian Wahyudi/Sri Agustina	Department of marine Sciences, Faculty of marine and fisheries, Universitas Syiah Kuala	sri_agustina@unsyiah.ac.id	Identification of marine debris at Pulau Nasi, Aceh Besar Regency
6	11.50 - 11.55	INS21-P-072	Sari Afriani	Marine Science Department, Marine and Fisheries Faculty, Universitas Syiah Kuala	mariaulfah@unsyiah.ac.id	Identification and inventory of macroinvertebrate in West Simeulue, Aceh, Indonesia
7	11.55 - 12.00	INS21-P-076	Syahrul Purnawan	Ilmu Kelautan Universitas Syiah Kuala	syahrulpurnawan@unsyiah.ac.id	The Comparison of Coastal Sediment Layers' Characteristics in Lhoong District, Aceh Besar Regency
8	12.00 - 12.05	INS21-P-089	Farah Syahliza	Department of Marine Science, Faculty of Marine and Fisheries, Syiah Kuala, University, Banda Aceh,	syahlizafarah11@gmail.com	Potency of Secondary Metabolite from Sea anemone ( <i>Diadumene lineata</i> ) as pancreatic anticancer
9	12.05 - 12.10	INS21-P-090	Maria Ulfah	Department of Marine Science, Faculty of Marine and Fisheries, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia	mariaulfah@unsyiah.ac.id	Prevalence and abundance of coral disease in Aceh, Indonesia
10	12.10 - 12.15	INS21-P-091	Maria Ulfah	Department of Marine Science, Faculty of Marine and Fisheries, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia	mariaulfah@unsyiah.ac.id	Characteristic of nests and the existence of Laut Tuntong ( <i>Batagur borneoensis</i> ) in mangrove ecosystems on Pusung Cium Island, Aceh Tamiang Regency
<b>Break (Dzuhur Prayer)</b>						

ORAL SESSION						
13.25 - 13.30		Room Registration				
13.30- 13.50		Invited Speaker	Prof. Marc-André Gutscher	Université de Bretagne Occidentale, France	gutscher@univ-brest.fr	Monitoring an active submarine fault (offshore Catania, Sicily) using a 6-km long fiber-optic strain cable: The FOCUS experiment
1	13.50 - 14.00	INS21-P-099	Haekal Azief Haridhi	Research Center for Marine Sciences and Fisheries, Universitas Syiah Kuala	haekal.azief.haridhi@unsyiah.ac.id	Bodywave Dispersion Characteristics of Regional Deep Earthquake at Sumatra and Southern Ryukyus Subduction Zone
2	14.00 - 14.10	INS21-P-007	Nguyen Huu Dung	University of Transport technology	dungnh@utt.edu.vn	Impacts of climate change on coastal province and cities of Vietnam – Reality and emerging problems
3	14.10 - 14.20	INS21-P-018	Riza Yuliratno Setiawan	Universitas Gadjah Mada	riza.y.setiawan@ugm.ac.id	Satellite remote sensing reveals coastal wind variability off the central Maluku Islands
4	14.20 - 14.30	INS21-P-047	Muhammad Syukri	Universitas Syiah Kuala	amsir@unsyiah.ac.id	Seismic Velocity (Vp AND Vs) Correlation Generated from Refraction and Downhole Measurements
5	14.30 - 14.40	INS21-P-050	Jamilah Husna	Islamic University of North Sumatra (UISU)	jamilah.husna@ft.uisu.ac.id	The Differences of the Atomic and the Optical Properties Percentage of ZnO Material that Caused by Variants Annealing Temperature Treatment.
6	14.40 - 14.50	INS21-P-063	Gulmira Azieva	L.N. Gumilyov Eurasian National University	kerimkhulle@gmail.com	Estimation of the volume of production of turbine vapors of a fuel boiler with stochastic exogenous factors
7	14.50 - 15.00	INS21-P-066	Saberina Hasibuan	Riau University	sabe_rinahs@yahoo.com	Sedimentation Rate of Feed on The Ground Pond Red-Yellow Podzolic (Pmk) Patin Intensive Fish Farming
8	15.00 - 15.10	INS21-P-077	Koko Ondara	Marine Science, Universitas Syiah Kuala	syahrulpurnawan@unsyiah.ac.id	Concentration of Dissolved Heavy Metal Around The Rupert Waters Industrial Activity, Malacca Strait
9	15.10 - 15.20	INS21-P-086	Winy Retna Melani	Department of Aquatic Resources Management, Faculty of Marine Science and Fisheries, Raja Ali Haji Maritime University, Politeknik Street, Senggarang, Tanjungpinang City 29111, Indonesia	winy@umrah.ac.id	Characterization of hydrological aspects in Kolong Enam Pond, Kijang, Bintan Island - Indonesia
10	15.20 - 15.30	INS21-P-098	Haekal Azief Haridhi	Research Center for Marine Sciences and Fisheries, Universitas Syiah Kuala	haekal.azief.haridhi@unsyiah.ac.id	Relative Delays of Bodywave Arrivals of Regional Deep Earthquake Between Two Subduction System: Sumatra and Southern Ryukyu
11	15.30 - 15.40	INS21-P-096	Andreas V H Simanjuntak	Badan Meteorologi Klimatologi dan Geofisika (BMKG), 22123 Aceh Besar, Aceh, Indonesia	muksin.umar@unsyiah.ac.id	Swarm earthquakes in Kutacene, Aceh: Volcanic or tectonic activities?

**Room 6**

**Moderator : Adrian Damora,  
S.Pi., M.Si**

**Commitee: Mutia Ramadhaniaty (PIC), Yudi  
Haditiar (IT)**

POSTER SESSION						
No	Time	Registration No	Presenters	Affiliation	E-mail	Title
<b>Room Registration</b>						
<b>11.20 - 11.25</b>						
1	11.25 - 11.30	INS21-P-015	Nurliza Zaiyana	Centre for Aquatic Research and Conservation (CARC), Ar-Raniry State Islamic University, Banda Aceh, Indonesia	ilham.zulfahmi@unsyiah.ac.id	Alteration in Gill and Skin of Snakehead (Channa striata) Due to Ectoparasite Infection: Pathological and Histological Studies
2	11.30 - 11.35	INS21-P-032	Anwar Deli	Department of Agribusiness, Faculty of Agriculture, Universitas Syiah Kuala	anwar_deli@unsyiah.ac.id	The effect of rice harvest failure on the area of insured land in Aceh province
3	11.35 - 11.40	INS21-P-033	Nurlaili	BBRSEKP	lelykesa_antrop@yahoo.com	Gender-Disaggregated Data on Fish Farming Business in Cirata Reservoir, Cianjur Regency, West Java
4	11.40 - 11.45	INS21-P-069	Imelda Agustina/Ratna Mutia Aprilla	Universitas Syiah Kuala	agustinaimelda1208@yahoo.com	Study of the effect of sea surface temperature on purse seine in Perairan Utara Aceh, Indonesia
5	11.45 - 11.50	INS21-P-070	Nanda Muhammad Razi/Mutia Ramadhaniaty	Universitas Syiah Kuala	mariaulfah@unsyiah.ac.id	DNA Barcoding and Trends in Shark Catches Landed on the West and East Coast of Aceh
6	11.50 - 11.55	INS21-P-073	Titien Sofiati/Ratna Mutia Aprilla	Universitas Syiah Kuala	ratnamutia@unsyiah.ac.id	Analysis of Main Facilities Utilization Level In Kuala Langsa Fish Landing Base, East Aceh, Aceh.
7	11.55 - 12.00	INS21-P-078	Adrian Damora	Faculty of Marine and Fisheries, Universitas Syiah Kuala	adamora@unsyiah.ac.id	Profit maximization of blue swimmer crab fishing through the spatial bioeconomic approach in the Marine Protected Area of Bintan, Indonesia
8	12.00 - 12.05	INS21-P-082	Adrian Damora	Faculty of Marine and Fisheries, Universitas Syiah Kuala	adamora@unsyiah.ac.id	Hispathological in the hepatopancreas of Pacific white shrimp (Litopenaeus vannamei) infected by white feces disease
9	12.05 - 12.10	INS21-P-083	Adrian Damora	Faculty of Marine and Fisheries, Universitas Syiah Kuala	adamora@unsyiah.ac.id	Fishing productivity of yellowfin tuna with purse seines and handlines based in Banda Aceh, Indonesia
10	12.10 - 12.15	INS21-P-087	Yopi Ilhamsyah	Department of Marine Science, Faculty of Marine Science and Fisheries, Syiah Kuala University Banda Aceh-Indonesia 23111	yopi.ilhamsyah@unsyiah.ac.id	Sensitivity experiments of Cumulus Parameterization of heavy rainfall over complex topography of Aceh, Indonesia
<b>Break (Dzuhur Prayer)</b>						

ORAL SESSION						
13.25 - 13.30		Room Registration				
13.30- 13.50		Invited Speaker	Prof. Hasrita Lubis, M.Pd	Universitas Islam Sumatera Utara, Indonesia		Higher Education in the Era of Revolution 4.0
1	13.50 - 14.00	INS21-P-004	Ravinder	Chandigarh University	ravinder.e1795@cumail.in	Role of Artificial Intelligence & Human Resource Management in Education Sector
2	14.00 - 14.10	INS21-P-005	Nana Mardiana	Universitas Islam Sumatera Utara, Medan, 20217, North Sumatera, Indonesia	mdna.nanal@gmail.com	Alternative Kits and Worksheets on Light and Optics as Science Experimental Devices at Home for Middle School Student
3	14.10 - 14.20	INS21-P-006	Ratna Soraya	Universitas Islam Sumatera Utara, Medan, 20217, North Sumatera, Indonesia	mdna.nanal@gmail.com	Learning Management Strategi New Normal Era
4	14.20 - 14.30	INS21-P-005	Nana Mardiana	Universitas Islam Sumatera Utara, Medan, 20217, North Sumatera, Indonesia	mdna.nanal@gmail.com	Alternative Kits and Worksheets on Light and Optics as Science Experimental Devices at Home for Middle School Student
5	14.30 - 14.40	INS21-P-022	Nurhaizan Sembiring	Universitas Islam Sumatera Utara, Medan	nurulhaizan007@gmail.com	Long Life Education In Context Of Islam Education
6	14.40 - 14.50	INS21-P-028	Onrizal	Faculty of Forestry, Universitas Sumatera Utara	onrizal@usu.ac.id	New occurrence and length-weight relationships of living fossil in Jaring Halus Island, North Sumatra
7	14.50 - 15.00	INS21-P-034	Riyan Maulana	Universitas Syiah Kuala	irwan@unsyiah.ac.id	The Effectiveness of TOEFL FKP App for Final-Year Students of Marine Science Faculty Syiah Kuala University, Indonesia
8	15.00 - 15.10	INS21-P-095	Yusrizal Akmal	Department of Aquaculture, Faculty of Agriculture, Universitas Almuslim, Bireuen, Indonesia	ilham.zulfahmi@unsyiah.ac.id	Comparative anatomy of the caudal fin (Pinna caudalis) Tor douronensis and Tor soro
9	15.10 - 15.20	INS21-P-042	Hafinuddin Hasanuddin	Department of Fisheries Faculty of Fisheries and Marine Science Universitas Teuku Umar, Aceh, 23617, Indonesia	hafinuddin@utu.ac.id	Performance of hand line and drift gill net at palm fiber fish aggregating devices (FADs)

**Room 7**

**Moderator : Dedi Fazriansyah Putra, S.St.Pi., M.Sc**  
**Commitee: Ismarica (PIC),**  
**Reza Wafdan (IT)**

POSTER SESSION						
No	Time	Registration No	Presenters	Affiliation	E-mail	Title
11.20 - 11.25		<b>Room Registration</b>				
1	11.25 - 11.30	INS21-P-024	Hafiz Haridhi	Universitas Syiah Kuala	hafizmubarraq@gmail.com	Fiqh Review on Zakah of Marine Resources
2	11.35 - 11.40	INS21-P-025	Naili Sumaiya	Universitas Syiah Kuala	nailysumaiya@gmail.com	Regulation of Foreign Tourist Dress Ethics in the Realization of Maritime-Based Halal Tourism in Sabang City
3	11.40 - 11.45	INS21-P-049	Adli Waliul Perdana	Department of Aquaculture, Faculty of Marine and Fisheries, Universitas Sviah Kuala	adliwaliul@unsviah.ac.id	The effect of $\beta$ -glucan provision in feed on seed growth of white cross (lates calcarifer)
4	11.45 - 11.50	INS21-P-057	Nanda Ulfa Khaira/Nur Fadli	Universitas Syiah Kuala	nurfadli@unsviah.ac.id	Length-weight relationships and condition factors of the one-blotch grouper ( <i>Epinephelus melanostigma</i> ) fished in the northern coast of Aceh, Indonesia: a preliminary study
5	11.50 - 11.55	INS21-P-058	Maulana Wali Akbar	Fakultas Kelautan dan Perikanan Universitas Syiah Kuala	irham@unsviah.ac.id	Catching Investigation of Yellow Fin Tuna ( <i>Thunnus Albacares</i> ) Based on the Distribution of Chlorophyll-a in the North Waters of Aceh: A November and December Analysis
6	11.55 - 12.00	INS21-P-064	Nurfadillah	Department of Aquaculture, Faculty of Marine and Fisheries Universitas Sviah Kuala	nurfadillah@unsviah.ac.id	Community structure of plankton in Aneuk Laot Lake Sabang Pulau Weh
7	12.00 - 12.05	INS21-P-065	Ismarica	Departemen of Aquaculture, Faculty of Marine and Fisheries, Sviah Kuala University, 23111 Banda Aceh, Indonesia	dfputra@unsviah.ac.id	Study of growth and morphological development of Tilapia ( <i>Oreochromis niloticus</i> ) larvae in BBI Lukup Badak, Aceh Tengah
8	12.05 - 12.10	INS21-P-074	Rosi Rahayu	Departemen of Fisheries Resource Utilization	rosirahayu8874@gmail.com	Fishing Vessel Queue in Kuta Radja Fishing Port
9	12.10 - 12.15	INS21-P-080	Nurfadillah	Department of Aquaculture, Faculty of Marine and Fisheries Universitas Sviah Kuala	nurfadillah@unsviah.ac.id	Polyculture of Tilapia ( <i>Oreochromis niloticus</i> ) and Lemeduk ( <i>Barbonymus schwanenfeldii</i> ) in floating net cages as a strategy for utilizing natural food
<b>Break (Dzuhur Prayer)</b>						



ORAL SESSION						
13.25 - 13.30		Room Registration				
13.30- 13.50		Invited Speaker	Dr. Nur Fadli	Universitas Syiah Kuala, Indonesia		Genetic Conservation of Groupers (Family Epinephelidae) in Aceh, Indonesia
1	13.50 - 14.00	INS21-P-013	Viqqi Kurnianda	Department of Marine Science, Faculty of Marine and Fisheries, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia	viqqikurnianda@unsyiah.ac.id	Biodiversity of the Indonesian Marine Sponge Genus Aaptos with Molecular Networking Approach
2	14.00 - 14.10	INS21-P-002	Ichsan Rusydi	Department of Marine Science, Faculty of Marine and Fisheries, Universitas Syiah Kuala (USK)	ichsanrusydi@unsyiah.ac.id	Study of the prevalence and intensity of ectoparasites in cultivated Green Mussel ( <i>Perna viridis</i> L.) in Alue Naga Waters, Banda Aceh
3	14.10 - 14.20	INS21-P-019	Sulistiono	IPB University	onosulistiono@gmail.com	Diversity, Distribution and Species Status of the Fish in Banten Bay
4	14.20 - 14.30	INS21-P-029	Muhammad Algifari	Universitas Hasanuddin	nadiarti@unhas.ac.id	Epifaunal Community Structure in the Tropical Seagrass Beds of Barrang Lompo Island, Makassar Indonesia
5	14.30 - 14.40	INS21-P-031	Mai Suriani/Nurul Najmi	Teuku Umar University	nurulnajmi@utu.ac.id	Community Structure of Marine Plankton from Gosong Island waters, Southwest Aceh
6	14.40 - 14.50	INS21-P-056	Sri Jumiati/Nur Fadli	Universitas Syiah Kuala	nurfadli@unsyiah.ac.id	Length-weight relationships and condition factors of <i>Cephalopholis argus</i> harvested in the northern coast of Aceh, Indonesia
7	14.50 - 15.00	INS21-P-060	Gatut Bintoro	FPIK Universitas Brawijaya	gbintoro@ub.ac.id	Utilization Status and Length-Weight Relationship of Longtail Tuna ( <i>Thunnus tonggol</i> ) Caught in Indramayu Waters West Java
8	15.00 - 15.10	INS21-P-061	Muhammadar Abdullah Abbas	Faculty of Marine and Fisheries, Universitas Syiah Kuala	muhammadar@unsyiah.ac.id	Proximate Composition and Fatty Acids Profiling of Sea Horse Originated From Simeulue, Aceh-Indonesia
9	15.10 - 15.20	INS21-P-067	Suci Budi Faradilla	Marine Sciences Department, Marine and Fisheries Faculty, Universitas Syiah Kuala. Darussalam, Banda Aceh, Indonesia. 23111	s.karina@unsyiah.ac.id	Secondary Metabolites Screening of <i>Echinothrix diadema</i> from Iboih Waters, Weh Island, Indonesia