

STAFF HANDBOOK

AQUACULTURE STUDY PROGRAM

ENGLISH

Undana Aquaculture Lecturer



Prof. Dr. Ir. Marcelien Djublina Ratoe Oedjoe, MSI

Aquaculture engineering

1	Academic career		Institution	Year	
	1	Bachelor Degree	Brawijaya University/ Aquatic Management	1997-1985	
	2	Master Degree	Institute of Agricultural Technology/ Marine Technology	1989-2001	
	3	Doctorate Degree	Brawijaya University/Tropical Aquaculture	2009 - 2012	
2	Employment		Position	Institution	Year
	1	Non Hold Faculty of Undana	Lecturer	Undana	1987-1994
	2	Technical implementation Unit	Lecturer	Undana	1994-1995
	3	Faculty of Animal Husbandry	Lecturer	Undana	1995-2000
	4	Faculty of Agriculture	Lecturer	Undana	2000-2013
	5	Faculty. Maritime & Fisheries	Lecturer	Undana	2013-2021
	6	Faculty of Animal Husbandry, Marine & Fisheries	Lecturer	Undana	2021- skrg
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	The development and application of semi -finished seaweed production technology on an industrial scale to increase the added value and economy of the community		Tahun 2018	IDR 410.000.000
	2	The influence of climate change on growth, the carrageenan content of <i>Kappaphycus alvarezii</i> seaweed in the waters of Tesbere, Kupang Barat District		Tahun 2019	IDR 30.000.000
	3	Processing, packaging and marketing of online seaweed -based products (<i>Kappaphycus alvarezii</i>)		Tahun 2021	IDR 25.000.000
	4	The effect of vegetative seed selection selection of seaweed (<i>Kappaphycus alvarezii</i>) on the growth and carrageenan of the tesabela, Kupang Regency		Tahun 2022	IDR 50.000.000
	5	Social Economic Base Line Study of Seaweed Industry in East Sumba, East Nusa Tenggara Province		Tahun 2022	IDR 400.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1	Rula Aqunda Trademark, IDM000992129. Protection of the Right to the Brand is given for a period of 10 (ten) years from from the date of receipt until September 6, 2031, and a period of time Protection can be extended. (Article 35)		2021	2031
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Kupang Branch Ispikani Members		Member	2018-2022

	2	Indonesian Fikology Association	Expert Council	2019 - 2024
	3	IKA Management Universitas Brawijaya, East Nusa Tenggara Region	Research and Development, Communication and Information	2021-2025
6	Industry collaborations over the last 5 years		Industry	Year
	1			
7	Important publications over the last 5 years			Year
	1	Seaweed (<i>Kappaphycus alvarezii</i>) as a superior commodity in Increasing added value for the welfare of the people in East Nusa Tenggara Province Oedjoe, RM Dublina, F Rebhung, S Sunadji Fisheries and Maritime Scientific Journal 11 (1), 62-69, 2019		2019
	2	Indonesian native and endemic fish layouts; Biology, conservation and utilization of the effect of water flow velocity on the quality of tiger grouper cultivation (<i>Epinephelus fuscoguttatus</i>)		2020
	3	Trials of giving rucuh fish as feed for fish growth Milkfish (<i>Chanos chanos</i>) MG Bilin, MDR Oedjoe, Y Linggi Aquatic Journal 4 (1), 9-16, 2021		2021
	4	Socio -Economic Performance of Coastal Macroalga Cultivation of Kupang Regency: Review of Business Sustainability 20 Years Since Insepsi W Turupadang, MDR Oedjoe, S Sunadji Aquatic Journal 4 (2), 83-93, 2021		2021
	5	Growth and Survival Rate of <i>Holothuria scabra</i> (Metriatyla) with Feed from Chicken Waste in Menia Waters, Sabu Raijua District, East Nusa Tenggara, Indonesia. AACL Bioflux, 2021 14 (1), PP: 603-611 (Q3) (Scopus Elsevier)		2021
	6	The Impact of the Transportation of Dry System on the Growth and Carrageenan Content of Seaweed (<i>Kappaphycus alvarezii</i>) in Batu Bao Water, Kupang District, East Nusa Tenggara, AACL Bioflux 13 (3), 1570 (Q3) (Scopus Elsevier). OedjoerMD, F Rebhung, Sunadji		2020
	7	<i>Caularipa recemosa</i> growth which is cultivated at a different depth with the long line method uses a net bag system in the waters of Sema, Kupang Regency. FDA Conceicao, MDR Oedjoe, R Tobuku Aquatic Journal 3 (2), 28-32, 2020		2020
	8	Seaweed (<i>Kappaphycus alvarezii</i>) Condition Exposed to Temperature Change in Sularsu Waters, Kupang Regency, East Nusa Tenggara, Indonesia (Author). Journal of Positive School Psychology, MDR Oedjoe et al Vol 6 No.2: 407-418 (Q2) (SCOPUS)		2022
	9	Utilization of local raw materials as feed in milkfish farming (<i>Chanos chanos</i> , Forsskal) V Cardoso, MDR Oedjoe, N Dahoklory Aquatic Journal 3 (2), 9-21, 2020		2020
	10	Differences in Harvest Age to the Growth and Care of <i>Kappaphycus alvarezii</i> Seaweed which is affected by Ice Ice Mi Merpalay, MDR Oedjoe, Y Jasmanindar Aquatic Journal 6 (1), 95-103, 2023		2023
	11	Seaweed growth response (<i>Kappaphycus alvarezii</i>) to the hot waste of PLTU in Bolok waters, Kupang Regency Yes Maufa, MDR Oedjoe, FC Liufeto Aquatic Journal 6 (1), 121-134, 2023		2023
	12	The effect of the different dose of the skin of red dragon fruit (<i>Hylocereus polyrhizus</i>) FA Barros, MDR Oedjoe, FC LUUFETO Aquatic Journal 6 (1), 135-141, 2023		2023
	13	The Affect of Different Light Color of Physiological Conditions of Cantang Grouper Seed (<i>Epinephelus fuscoguttatus lanceolatus</i>) with different size Ayh Lukas, MDR Oedjoe, S Sunadji, S Suleman		2023
	14	The Impact of Seaweed Seed Selection on Growth and Carrageenan Content in Batu Bao Waters, Kupang District. MDR Oedjoe, Ayh Lukas, Kiik G Sine, International Journal of Biological Research and Development (IJBRD) ISSN (P) 2250-0022: ISSN (E): Applied Vol 13, Issue 1: 1-8		2022
	15	Effect of the Temperature and Salinity Variations on Growth and Carraggenan Content <i>Kappaphycus alvarezii</i> in Akle Waters, Kupang Regency, East Nusa Tenggara, Indonesia MDR Oedjoe, WL Turupadang, Al Kangan, Kg Sine		2022

16	<i>Kappaphycus alvarezii</i> Seaweed Seedlings Performance on Growth and Carrageenan Content in Bolok Waters, Kupang Regency, East Nusa Tenggara MDR Oedjoe Academia Letters 2022 (Mey 2022), 5410, 2022	2022
17	Seaweed (<i>Kappaphycus alvarezii</i>) Condition Exposed to Temperature Change in Sularsu Waters, Kupang Regency, East Nusa Tenggara, Indonesia MDR Oedjoe, Al Kangkan, W Turupadang, AYH Lukas, FC Liufeto Journal of Positive School Psychology 6 (2), 407-418, 2022	2022
18	Financial Analysis of Vaname Shrimp (<i>Litopenaeus vannamei</i>) with intensive aquaculture methods on Tambak Halilintar in Tuban Regency, East Java Province. Christian Wongso, MDR Oedjoe, Sunadji. Grouper Journal, Vol 13 (2): 146-150 P-ISSN 2086-8480 / E-ISSN 2716-2702	2022
19	Regeneration of tissue in grouper fish (<i>Epinephelus fuscoguttatus lanceolatus</i>) which is exposed to detergent waste through immersion of Padina Australis extract with different doses, Farah Diba S, MDR Oedjoe, Ayh Lukas Journal of Marine and Aquatic Sciences 8 (2), 303-310 (SINTA 4)	2022
20	The Affect of Different Light Color of Physiological Conditions of Cantang Grouper Seed (<i>Epinephelus fuscoguttatus Lanceolatus</i>) with Different Size, Ade YH Lukas, MDR Oedjoe, Sunadji, Suteman, Romanian Journal of Applied Sciences and Technology (ISSN: 2668-778X.vol 7: 1-11)	2023
21	The effect of different doses of feed additives on the growth of tilapia (<i>Oreochromis niloticus</i>) RR Honin, FC Liufeto, MDR Oedjoe Aquatic Journal 5 (1), 89-97, 2022	2022

Undana Aquaculture Lecturer



Dr. Yuliana Salosso, S.Pi,MP

Fish diseases

1	Academic career		Institution	Year	
	1	Bachelor Degree	Hasanuddin University, Makassar (Fish Diseases)	1993-1997	
	2	Master Degree	Hasanuddin University, Makassar (Fish Diseases)	2001-2003	
	3	Doctorate Degree	Brawijaya University, Malang (Fish Diseases)	2009-2011	
2	Employment		Position	Institution	Year
	1	Government employees	Head of Fishery Laboratory	Undana	
	2	Government employees	Secretary of the Department of Fisheries and Marine	Undana	
	3	Government employees	Head of Aquaculture Study Program	Undana	
	4	Government employees	Coordinator of the Aquaculture Study Program	Undana	2022 - sekarang
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	The potential of several types of East Nusa Tenggara honey as antibacterial in fish farming		2018	IDR 27.500.000
	2	Gracilaria verrucosa as immunostimulants in overcoming bacterial attacks in catfish <i>Clarias</i> sp		2020	IDR 25.000.000
	3	Exploration of the use of buffalo (<i>Euphorbia hirta</i>) and its combination mixed with honey in controlling bacterial diseases in fish farming		2021	IDR 25.000.000
	4	The use of kefa forest honey mixed with buffalo (<i>Euphorbia hirta</i>) in controlling bacterial diseases in fish farming		2022	IDR 134.000.000
	5	Abundance and maturity of the Gonad Bulubabi <i>Tripneeses gratilla</i> in the waters of Kupang Bay		2022	IDR 25.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1	Simple Patent with the title "Combination of Kefa Forest Honey and Buffalo (<i>Euphorbia hirta</i>) as Natural Antibacterial Dalam Controlling <i>Vibrio alginolitycus</i> Bacteria in Grouper Cultivation" with No Patent IDS000004936, Date of Giving September 13, 2022		2022	
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year

1	Nutrient Content, Active Compound and Antibacterial Activity of <i>Padina Australis</i> Against <i>Aeromonas hydrophila</i> Y Salosso, S Aisiah, LNL Toruan, W Pasaribu Active Compound, Antibacterial Activity, <i>Padina Australis</i> , Nutrient Content, 2020	2020
2	Diversity of Brown Macroalgae in Kupang Bay Waters and Alginate Content Potential and its phytochemistry Y Salosso, Y Jasmanindar Aquaculture, Aquarium, Conservation & Legislation 11 (3), 598-605, 2018	2018
3	Identification of the anisakis sp parasites in white snapper (<i>Lates calcarifer</i>), red snapper (<i>Lutjanus sanguineus</i>), and grouper (<i>Epinephelus</i> sp) obtained in the waters of Kupang Bay Am Paremm, Y Salosso Grouper: Scientific Journal of the Faculty of Fisheries, Lamongan Islamic University 9 (2), 2018	2018
4	Nutrient and Alginate Content of Macroalgae <i>Sargassum</i> sp. From Kupang Bay Waters, East Nusa Tenggara, Indonesia Y Salosso Aquaculture, Aquarium, Conservation & Legislation 12 (6), 2130-2136, 2019	2019
5	Secondary metabolite analysis and nutritional content of green macroalgae (<i>Chlorophyceae</i>) in Kupang Bay waters W NOME, Y SALOSSO, CB EOH Aquatic Journal 2 (1), 100-112, 2019	2019
6	Utilization of miana leaves mixed with honey in the treatment of goldfish (<i>Cyprinus carpio</i>) infected with <i>Aeromonas hydrophila</i> Y Salosso Proceedings of the National Symposium on Maritime Affairs and Fisheries, 2018	2018
7	Immunostimulants of <i>Gracilaria verrucosa</i> in the cultivation of catfish <i>Clarias</i> sp Y Jasmanindar, Y Salosso, Nahoklory Aquatic Journal 3 (2), 67-72, 2020	2020
8	Computational Analysis of Ethyl Acetate Extract of <i>Nauclea subdita</i> (KORTH.) Steud. Leaves as peptidoglycan glycosyltransferase inhibitors in <i>Aeromonas hydrophila</i> S aisiah, Wa Tanod, Y Salosso, PH Riyadi IOP Conference Series: Earth and Environmental Science 584 (1), 012022, 2020	2020
9	The Potential of Forest Honey From Timor Island as Antibacterial Against Pathogenic Bacteria in Fish Culture Y Salosso Indonesian Aquaculture Journal 14 (2), 63-68, 2019	2019
10	Identification of parasites and <i>Vibrio</i> bacteria in blood shells (<i>Anadara granosa</i>) in the waters of Tanah Merah, Kupang Tengah District Y Hoar, Y Salosso, P Santoso Aquatic Journal 3 (2), 57-66, 2020	2020
11	Treatment of Cantang Grouper Fish (<i>Epinephelus fuscoguttatus-lanceus</i>) infected with <i>Vibrio alginolyticus</i> bacteria using ketapang leaf water extract (<i>Terminalia catappa</i>) MH Seuk, Y Salosso, Y Jasmanindar Aquatic Journal 4 (2), 8-16, 2021	2021
12	Application of Kefa Forest Honey as Antibacterial in the Treatment of Common Carp <i>Cyprinus carpio</i> infected with Bacteria <i>Aeromonas hydrophila</i> Y Salosso, RF Sunadji, K Anggraine AACL Bioflux 13 (2), 984-992, 2020	2020
13	Chemical Composition and Antibacterial Activity of Honey Collected From East Nusa Tenggara, Indonesia on Pathogenic Bacteria in Aquaculture Y Salosso IOP Conference Series: Earth and Environmental Science 370 (1), 012030, 2019	2019

14	Phytochemical test and antibacterial activity of binahong leaf (<i>Anredra cordifolia</i>) against the bacteria of <i>vibrio alginolyticus</i> in-vitro F Seran, Y Jasmanindar, Y Salosso Aquatic Journal 5 (1), 1-8, 2022	2022
15	The effect of different spacing on the growth of <i>Caulerpa racemosa</i> seaweed O Bistolen, A Tjendanawangi, Y Salosso Aquatic Journal 4 (1), 53-61, 2021	2021
16	Exploration of Forest Honey Antibacterial Activities from Timor Island to <i>Vibrio alginolyticus</i> Bacteria In Vitro Yvy Da Cunha, Y Salosso, FC LUUFETO Aquatic Journal 3 (2), 79-85, 2020	2020
17	The use of various types of charcoal in improving pH and ammonia for Overcoming the development of <i>Aeromonas hydrophila</i> bacteria in the maintenance of tilapia (<i>Oreochromis niloticus</i>). Ma Lein, Y Salosso, Ayh Luke Aquatic Journal 3 (2), 1-8, 2020	2020
18	Identification of the milkfish parasites (<i>Chanos chanos</i> forskal) Traditionally cultivated in Tambak Badarai, Kletek and Suai Regency of Malacca Regency, Nusa Tenggara Province. Y Seran, Y Salosso, R Tobuku Aquatic Journal 2 (1), 86-99, 2019	2019
19	The effectiveness of cherry leaf stew (<i>Muntingia calabura</i>) for treatment <i>Vibrio alginolyticus</i> bacterial infection in grouper fish (<i>Epinephelus</i> sp) uses the immersion method MC Mali, Y Salosso, S Sunadji Aquatic Journal 6 (1), 104-113, 2023	2023

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Dr. Franchy Christian Liufeto, S.Pi., M.Si

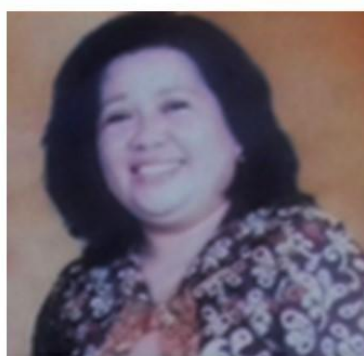
Water Quality Management

1	Academic career		Institution	Year	
	1	Bachelor Degree	Hang Tuah University (Fisheries Aquaculture)	1993 - 1997	
	2	Master Degree	Bogor Agricultural Institute (Fisheries Aquaculture)	2001 - 2004	
	3	Doctorate Degree	Universitas Brawijaya (Aquaculture)	2012 - 2019	
2	Employment		Position	Institution	Year
	1	Dean of the Faculty of Maritime Affairs and Fisheries		Undana	2021 - 2022
	2	Deputy Dean of Administration		Undana	2022 - now
	3	Lecturer		Undana	1999 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Transformation of the Economic Structure of Rural Households Through Optimization of Five Pillars Overcoming Stunting and Synergy of Pentahalix Towards NTT Free Stunting 2024		2022	IDR 3.600.000.000
	2	Estimation of the carrying capacity of the environment for the plan to develop shrimp ponds on the coast of the village of Toineke TTS		2022	IDR 25.000.000
	3	Master plan for the development of the provincial salt economic zone		2019	IDR 350.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Indonesian aquaculture society		Member	2011 - 2019
	2	RC NTT Maritime Partner Consortium		Secretary	2005 - 2012
6	Industry collaborations over the last 5 years			Industry	Year
	1	Development of the Salt Area in Kupang Bay		PT Garam Indo Nasional	2017-2019
	2	The development of shrimp cultivation in a round pool		PT Bank NTT	2022
	3	Development of Lobster Cultivation in the waters of Pukafu Daiama Timur Rote		PT Cakrawala Lautan Abadi	2021-2023
	4	Development of Seaweed Cultivation in the Waters of Akle Semau Selatan		CV Agar Kembang	2018-2021
7	Important publications over the last 5 years				Year
	1	Financial Analysis of Vanname Shrimp Production Cultivation (<i>Litopaneaus vannamei</i>) In Nangalabang Village, Borong District, East Manggarai Regency I Simun, S Sunadji, FC Liufeto National Seminar on the Faculty of Animal Husbandry, Maritime and Fisheries 1 (1), 134-137, 2022			2022

2	Exploration of Forest Honey Antibacterial Activities from Timor Island to <i>Vibrio alginolyticus</i> Bacteria In Vitro Yvy Da Cunha, Y Salosso, FC LUUFETO Aquatic Journal 3 (2), 79-85, 2020	2020
3	Overview of the tidal conditions and current speed for the plan to develop the Frahiluka Village Fishos Fish Ponds (<i>Chanos chanos</i>) La Bani, FC Liufeto, Ayh Luke Aquatic Journal 6 (1), 82-90, 2023	2023
4	The influence of the use of cow dung, chicken manure, rice straw and urea fertilizer Against the growth and life of milkfish (<i>Chanos chanos</i>) in Ponds SL Baba, Y Linggi, FC LUUFETO Aquatic Journal 6 (1), 67-73, 2023	2023
5	Seaweed growth response (<i>Kappaphycuz alvarezii</i>) to waste PLTU heat in Bolok waters, Kupang Regency Yes Maufa, MDR Oedjoe, FC Liufeto Aquatic Journal 6 (1), 121-134, 2023	2023
6	The effect of the dose of the skin flour of the red dragon fruit (<i>Hylocereus polyrhizus</i>) Different to the increase in color FA Barros, MDR Oedjoe, FC LUUFETO Aquatic Journal 6 (1), 135-141, 2023	2023
7	Growing natural feed in milkfish ponds (<i>Chanos chanos</i>) using a combination of cow dung, chicken manure, rice straw, urea fertilizer, and sp-36 As Akoit, Y Linggi, FC Liufeto Aquatic Journal 6 (1), 10-16, 2023	2023
8	The influence of different cultivation methods on growth and The life of the shells (<i>Polymesoda erosa</i>) in Manikin Beach, Kecamatan Central Kupang, Kupang Regency R Dos Santos, S Sunadji, FC Liufeto Aquatic Journal 6 (1), 31-37, 2023	2023
9	Application of Bioflok Technology for the Growth of Milkfish (<i>Chanos chanos</i>) Tte Dano, FC Liufeto, Y Lingg Aquatic Journal 6 (1), 49-57, 2023	2023
10	Locals' perception on Catfish Farming Cultivation to Prevent Stunting Mb Franchy Ch. Liufeto, Stephen P. Manongga Interdisciplinary Social Studies 2 (05 2023), 1959-1964, 2023	2023
11	Strategies in Developing Freshwater Fish Farming to Prevent Stunting Franchy Ch. Liufeto, Upik R. Rosanah Interdisciplinary Social Studies 2 (No 4 2023), 1905-1912, 2023	2023
12	Developing Freshwater Fish Farming to Support Food Security and Alleviate Stunting Franchy Ch. Liufeto, Stefanus P. Manongga, Markus Bunga Indonesian Journal of Multidisciplinary Science 2 (Volume 2. No. 4. 2023 ..., 2023	2023
13	Family Farming's Contribution in Increasing Household Income and Stunting Ur Rosanah, FC Liufeto, Sp Manongga Interdisciplinary Social Studies 2 (4), 1922-1929, 2023	2023
14	Family Farming's Contribution in Increasing Household Income and Stunting SpM Upik R. Rosanah, Franchy Ch Liufeto Interdisciplinary Social Studies 2 (Vol 02. No 04. 2023), 1923-1929, 2023	2023
15	Study of Water Quality Parameters of the Oehala River Timor Tengah Selatan Regency In the dry season Our Tw, FC LIUFETO, Ayh Luke Aquatic Journal 5 (2), 174-181, 2022	2022
16	The influence of yellow pumpkin extract (<i>Cucurbita moschata</i> duch) in feed on the brightness of the color and survival of the clown fish (amphiprion of item) in aquarium KV Meni, F ReBhung, FC LiUufeto Aquatic Journal 5 (2), 144-150, 2022	2022
17	The influence of water quality on the growth rate of seaweed (<i>Eucheuma cottonii</i>) LAF LOPES, FC LIUFETO, Y SALOSSO National Seminar on the Faculty of Animal Husbandry, Maritime and Fisheries 1 (1), 173-177, 2022	2022
18	The effect of different depths on water quality and type of phytoplankton on the maintenance of pearl oyster spat (<i>Pinctada Maxima</i>) at PT Tom Bolok J Taases, FC Liufeto, P Santoso National Seminar on the Faculty of Animal Husbandry, Maritime and Fisheries 1 (1), 138-146, 2022	2022

19	Prevention of <i>Vibrio</i> sp. In milkfish (<i>Chanos chanos</i>) With the provision of cinnamon stew (<i>Cinnamomum burmannii</i>) L Meni, Y Jasmanindar, FC Liufeto Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 9-12, 2022	2022
20	Seaweed (<i>Kappaphycus alvarezii</i>) Condition Exposed to Temperature Change in Sulamu Waters, Kupang Regency, East Nusa Tenggara, Indonesia MDR Oedjoe, Al Kangkan, W Turupadang, Ayh Lukas, FC Liufeto Journal of Positive School Psychology 6 (2), 407-418, 2022	2022

Undana Aquaculture Lecturer



DR. IR. AGNETTE TJENDANAWANGI, M.Si

Fish Nutrition and reproduction

1	Academic career		Institution	Year	
	1	Bachelor Degree	Sam Ratulangi University	1988 - 1993	
	2	Master Degree	Bogor Agriculture Institute	1997 - 2000	
	3	Doctorate Degree	Bogor Agricultural Institute	2006 - 2010	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	1994 - now
	2	Government employees	Secretary of the Aquaculture Department	Undana	2001 - 2003
	3	Government employees	Secretary of the Aquaculture Department	Undana	2003 -2005
	4	Government employees	Secretary of the Aquaculture Department	Undana	2011 -2015
	5	Government employees	Vice Dean of Academic Fields	Undana	2013 - 2017
	6	Government employees	Vice Dean of Academic Fields	Undana	2017 - 2021
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Stimulation of spawning bulubabi with manipulation Environment		2019	IDR. 27500000
	2	NIPI Fish Reproductive Biology Study in Bay Waters Kupang		2020	IDR. 27500000
	3	The influence of seagrass and kusambi leaves on the quality of the Gonad Bulubabi		2021	IDR. 27500000
	4	Exploration of Utilization of Dau Patikan Buffalo, Patikan China, and its combination mixed with honey in controlling bacterial disease in fish farming (members)		2021	IDR. 27500000
	5	Abundance and maturity of Gonad Bulubabi Tripneustis Gratilla in Kupang Bay Pelairan (Chairperson)		2022	IDR. 27500000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Indonesian aquaculture community		anggota	2017 - now
	2	Aquaculture Professional Certification Institute		Assessor	2017 - 2022
7	Important publications over the last 5 years				Year
	1	Effect of additional banana stems (<i>Condisition formatpyca</i>) which is fermented with probiotics in commercial feed on the growth of milkfish (<i>Chanos chanos</i>) An Seran, F Rebhung, A Tjendanawangi Aquatic Journal 3 (1), 85-93, 2020			
	2	Gonad Quality of Sea Urchin <i>Tripneustes gratilla</i> with Different Seaweed Diets A Tjendanawangi, N dahoklory Indonesian Aquaculture Journal 18 (2). 214-221. 2019			

3	The effect of macroalga seed and content of feed formulated in sea urchin <i>T. grathilla</i> gonad quality, AACL bioflux, vol 13	2020
4	The effect of different spacing on the growth of <i>Caulerpa racemosa</i> seaweed O Bistolen, A Tjendanawangi, Y Salosso Aquatic Journal 4 (1), 53-61, 2021	2021
5	The effect of different density on the lives of goldfish seeds (<i>Cyprinus carpio</i>) in the wet transportation system ML Lake, A Tjendanawangi, S Sunadji Aquatic Journal 2 (1), 36-44, 2019	2019
6	The effect of a combination of young coconut water and glycerol in the presence of goldfish sperm (<i>Cyprinus carpio</i>) SM Lodo, A Tjendanawangi, Y Linggi Aquatic Journal 6 (1), 114-120, 2023	2023
7	The Effect of Addition of Red Dragon Fruit Flour (<i>Hylocereus polyhizuz</i>) into the feed on the color of the color of comet fish (<i>Carrassius auratus</i>) YB Udjan, A Tjendanawangi, R Tobuku Aquatic Journal 6 (1), 91-94, 2023	2023
8	Effect of the Combination of Kefa Forest Honey and Euphorbia Hirta as a Curative Agent of <i>Vibrio Alginolyticus</i> in the Hybrid Grouper <i>Epinephelus fuscoguttatus</i> Y Salosso, A Tjendanawangi, S Lopez, W Pasaribu IOP Conference Series: Earth and Environmental Science 1147 (1), 012006, 2023	2023
8	The Effect of Length of Fermentation of Ulva Lactuca with EM4 (Effective Microorganism 4) on the Growth and Graduation of Life Sea Cucumber (<i>Holothuria scabra</i>) Fy Olla, n Dahoklory, A Tjendanawangi Aquatic Journal 6 (1), 38-48, 2023	2023
9	The addition of honey to <i>Sargassum</i> sp in the formulation of artificial feed to the Gonad Maturity Index and Gonad Bulubabi Maturity Level Ve Gayantri, A Tjendanawangi, Y Linggi Aquatic Journal 5 (2), 47-56, 2022	2022
10	The Effect of Addition of Chromium-Ragi (Cr Organic) on Feed on the Growth Rate of Cantang Grouper (<i>Epinephelus fuscoguttatus</i> Lanceolatus) C Lobo, A Tjendanawangi, F Rebhung Aquatic Journal 5 (2), 16-23, 2022	2022
11	Effectiveness of the addition of dragon fruit skin extract (<i>Hylocereus polyrhizus</i>) to the brightness of nemo fish (amphiprion is used) JFD Bianco, A Tjendanawangi, F ReBhung Journal of Vocational Fisheries Sciences (JVIP) 2 (1), 21-23, 2022	2022
12	Mixing Tuna Fish Waste Flour (<i>Thunnus</i> sp) in optimal feed for the growth of milkfish (<i>Chanos chanos</i>) Ir Tandi, F Rebhung, A Tjendanawangi Aquatic Journal 5 (1), 110-122, 2022	2022
13	Provision of banana -based feeding with a fermentation process to increase the growth rate of milkfish (<i>Chanos chanos</i>) A Adriansyah, MDR Oedjoe, A Tjendanawangi Aquatic Journal 5 (1), 42-51, 2022	2022
14	The effect of the combination of crab flour (<i>Ocypodidae</i>) and mangrove leaf flour (rhizopora mucronatta) on the growth and life of the mangrove crab (<i>Scylla serrata</i>) Ot Santoso, F Rebhung, A Tjendanawangi Aquatic Journal 5 (1), 24-31, 2022	2022
15	The use of Moringa leaf feed (<i>Moringa oleifera</i>) and <i>Sargassum</i> sp. In the artificial feed formulation on the Gonad Maturity Index (IKG) Bulubabi (<i>Tripneutes grathilla</i>) YD UN, A Tjendanawangi, Y Jasmanindar Aquatic Journal 5 (1), 32-41, 2022	2022
16	The effect of giving <i>Sargasum</i> sp feed with a different dose of egg hatchability and survival Ad tanaem, A Tjendanawangi, N Dahoklory Aquatic Journal 4 (2), 46-55, 2021	2021

Undana Aquaculture Lecturer



DR. ADE YULITA HESTI LUKAS, S.Pi.,M.Si

Water Quality Management/ Aquatic Environmental Engineering

1	Academic career		Institution	Year	
	1	Bachelor Degree	Nusa Cendana University/ Aquaculture		1997-2002
	2	Master Degree	Bogor Agricultural Institute/ Water Quality		2008-2010
	3	Doctorate Degree	Bogor Agricultural Institute/ Aquatic Environmental Engineering		2014-2017
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Universitas Kristen Artha Wacana	2004 - 2006
	2	Government employees	Lecturer	Undana	2006 - now
	3	Government employees	Head of Fisheries Dry Laboratory	Universitas Nusa Cendana	2017 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	The nutritional content and active compounds of macroalgae in the waters of Semaun Island and Kera Island Kupang Regency NTT		2018	IDR 27,500,000
	2	Elver Elver Sidat (<i>Anguilla bicolor bicolor</i>) Study on Maternity Media with Different Temperature Using a Recirculation System		2019	IRD 30,000,000
	3	Potential Production of SPAT Mabe (<i>Pinctada margaritifera</i>) which is collected by several methods in Noelbaki waters, Kupang Regency		2020	IDR 30,000,000
	4	The preference of light color by the grouper fish seeds (<i>Epinephelus fuscoguttatus lanceolatus</i>) with different sizes and the effects of light intensity on their productivity		2022	IDR 25,000,000
	5	The effect of selection of seaweed seeds <i>Kappaphycus alvarezii</i> vegetatively on the growth and carrageenan content in the waters		2022	IDR 50,000,000
	6	Social Economic Base Line Study of Seaweed Industry in East Sumba, East Nusa Tenggara Province		2022	IDR 400,000,000
4	Patents and proprietary rights over the last 5 years			Year	
	1	"Rula Aqunda" trademark		2021	
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Indonesian aquaculture society		Member	2021
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	The effect of salinity on the growth and life of eel fish elver (<i>Anguilla bicolor bicolor</i>) which is maintained in the recirculation system LL Klau, AYH Lukas, S Sunadji Aquatic Journal 3 (2), 49-56, 2020			2020
	2	Use of Kepok Banana Stems (<i>Musa paradisiaca</i> Formmatypica) with different doses in growing natural feed NL Igo, AYH Lukas, Y Jasmanindar Indonesian swamp aquaculture journal 8 (2), 129-140, 2020			2020

3	Physiological Study of Indonesian Shortfin Eel <i>Anguilla bicolor</i> on Different Temperature Medium Using a Recirculation System AYH Lukas, P Santoso, R Tobuku Aquaculture, Aquarium, Conservation & Legislation 12 (6), 2227-2235, 2019	2019
4	The effect of the frequency of giving trash fish on the growth of mangrove crabs (<i>Cylla serrata</i>) using a battery system C Tulangow, P Santoso, Ayh Lukas Aquatic Journal 2 (2), 50-61, 2019	2019
5	The effect of snailing meat flour (<i>Achatina fulica</i>) in feed on the growth and life of milkfish (<i>Chanos chanos</i> , forskall) ARB PA, F Rebhung, Ayh Lukas Aquatic Journal 3 (1), 59-71, 2020	2020
6	Exploration of the Potential of Sidat Fish (<i>Anguilla sp</i>) in Kupang City by type and location found A Nubatonis, AYH Lukas, P Santoso Aquatic Journal 3 (1), 42-50, 2020	2020
7	The use of various types of charcoal in improving pH and ammonia to overcome the development of aeromonas hydrophila bacteria in fish maintenance Tilapia (<i>Oreochromis niloticus</i>). Ma Lein, Y Salosso, AYH Lukas Aquatic Journal 3 (2), 1-8, 2020	2020
8	The effect of giving different types of feed on the growth and life of the dumbo catfish seeds (<i>Clarias gariepinus</i>) in the maintenance pond of Tesbatan Village, District ... A Taunu, Ayh Luke, F Rebhung Aquatic Journal 2 (2), 11-19, 2019	2019
9	Overview of the tidal conditions and current speed for the planned development of the Frailuka Village Fram Aquaculture Cultivation of Malaka La Bani Regency, FC Lufeto, AYH Lukas Aquatic Journal 6 (1), 82-90, 2023	2023
10	Growth pattern of catfish seeds (<i>Pangasius sp</i>) which is given a combination of pellets and silk worm flour (<i>Tubifex sp</i>) Ve Yulia, F Rebhung, AYH Lukas Aquatic Journal 6 (1), 24-30, 2023	2023
11	The Affect of Different Light Color of Physiological Conditions of Cantang Grouper Seed (<i>Epinephelus fuscoguttatus</i> Lanceolatus) with Different Size AYH Lukas, MDR Oedjoe, S Sunadji, S Suleman	2023
12	NH3 concentration fluctuations in the aquaculture of the Floating Aquaponics System using water spinach plants RG Sanam, P Santoso, AYH Lukas Aquatic Journal 5 (2), 160-164, 2022	2022
13	Study of Water Quality Parameters of the Oehala River Timor, South Central Timor in the dry season Our Tw, FC Liufeto, AYH Lukas Aquatic Journal 5 (2), 174-181, 2022	2022
14	The use of noni citrifolia (<i>Morinda citrifolia</i>) which is fermented as additional feed in the cultivation of milkfish (<i>Chanos chanos</i> , Forsskal) YS Berek, Y Salosso, AYH Lukas Aquatic Journal 5 (2), 118-137, 2022	2022
15	Mortality of larvae and degrees of attainment of juvenile blood shells (<i>Anadara granosa</i>) in different salinity My Lakarmata, P Santoso, AYH Lukas Aquatic Journal 5 (2), 91-97, 2022	2022
16	The use of different filter media as bioremediation in the maintenance of clown fish (<i>Ampliprion true</i>) SF Pattiradja, AYH Lukas, P Santoso Aquatic Journal 5 (2), 138-143, 2022	2022
17	Seaweed (<i>Kappaphycus alvarezii</i>) Condition Exposed to Temperature Change in Sularsu Waters, Kupang Regency, East Nusa Tenggara, Indonesia. Marcelien Djublina Ratoe Oedjoe, Alexander Leonidas Kangkan, Welem Turupadang, Ade YH Lukas, Franchy Ch Liufeto	2022

Undana Aquaculture Lecturer



Dr. Ir. Sunadji, MP

Fisheries Socio -Economic

1	Academic career		Institution	Year	
	1	Bachelor Degree	Brawijaya University (Fisheries Socio - Economic)	1984-1989	
	2	Master Degree	Brawijaya University (Agricultural economy)	1998-2000	
	3	Doctorate Degree	Brawijaya University (Fisheries Socio - Economic)	2009-2014	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	1992 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	The development and application of semi -finished seaweed production technology on an industrial scale to increase the added value and economy of the community		2018	IDR 410.000.000
	2	Bacteriostatic activity and extract of acolypha indica l herbs from Timor outside and inside the serum of Norwegigus Rattus in vitro to the bacterium Enterohemorrhagic <i>Eschericea coli</i> (EHEC)		2018	ID R66.500.000
	3	Distribution and consumption of anchovy in the city of Kupang		2019	IDR 25.000.000
	4	The role of the wife of seaweed farmers in an effort to increase family income in Kupang Barat District, Kab. Kupang		2020	IDR 25.000.000
	5	Socio -Economic Performance Coastal Macroalga Cultivation Kab. Kupang: Review of business sustainability 20 years after inseption		2021	IDR 25.000.000
	6	The preference of light color by grouper fish seeds (<i>Epinephelus fuscoguttatus lanceolatus</i>) with different sizes and the effects of light intensity on their productivity		2022	IDR 25.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1	The application of shellfish cultivation for the management of shell resources in Tanah Merah Village, Kec. Kupang Tengah, Kab. Kupang, NTT		2018	
	2	The application of seaweed processing technology for the group of seaweed farmers' wives in the Gregory Agung Parish of Oeleta Village		2018	
	3	IBM Seaweed Cultivation Group in Tablolong Village Kec. Kupang Barat, Kab. Kupang		2019	
	4	IBM Utilization of Sunual River Water for Fish Cultivation and Food Security Program for the Community of Nuelunat Village, Kec. Kotonin, TTS		2020	
	5	IBMME Management of Lau Grass Processing for the Semau Island community, Kab. Kupang		2021	
	6	IBM Seaweed Processing For Mrs. Mt Anissa Housing RSS Baumata, Kab. Kupang		2022	
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				

6	Industry collaborations over the last 5 years		Industry	Year
	1			
7	Important publications over the last 5 years			Year
	1	The effect of salinity on the growth and life of eel fish elver (<i>Anguila bicolor bicolor</i>) which is maintained in the recirculation system Ll klau, AYH lukas, s sunadji Aquatic Journal 3 (2), 49-56, 2020		2020
	2	The content of macroalga active compounds taken in the waters of Arubara Beach, Ende Regency A Malo, Y Saloso, S Sunadji Aquatic Journal 1 (1), 91-97, 2018		2018
	3	Seaweed (<i>Kappaphycus alvarezii</i>) as a superior commodity in Increasing added value for the welfare of the people in East Nusa Tenggara Province R Oedjoe, M Djublina, F Rebhung, S Sunadji Fisheries and Maritime Scientific Journal 11 (1), 62-69, 2019		2019
	4	Financial Analysis of Vanname Shrimp Production Aquaculture (<i>Litopaneaus vannamei</i>) in Nangalabang Village, Borong District, Manggarai Regency Timuri Simun, S Sunadji, FC Liufeto National Seminar on the Faculty of Animal Husbandry, Maritime and Fisheries 1 (1), 134-137, 2022		2022
	5	Socio -Economic Performance of Coastal Macroalga Cultivation of Kupang Regency: Review of Business Sustainability 20 Years Since Insepsi W Turupadang, MDR Oedjoe, S Sunadji Aquatic Journal 4 (2), 83-93, 2021		2021
	6	Bioecology conditions and development of sea cucumber cultivation in the waters of Hansisi and Uiasa villages, Semaui Island E Muskananfolo, N Dahoklory, S Sunadji Aquatic Journal 4 (2), 17-22, 2021		2021
	7	Use of Probiotics in Fish Feed and Clams (<i>Pilsbryconcha exilis</i>) Biofilter Components of Aquaponic System in Archipelagic Dryland P Santoso, S Sunadji International Journal of Tropical Drylands 4 (2), 2020		2020
	8	Efficiency of use of feed in biofloc ponds in milkfish farming (<i>Chanos chanos</i>) DW Wanja, F Rebhung, S Sunadji Aquatic Journal 3 (2), 43-48, 2020		2020
	9	The effect of different density on the lives of goldfish seeds (<i>Cyprinus carpio</i>) in the wet transportation system ML Lake, A Tjendanawangi, S Sunadji Aquatic Journal 2 (1), 36-44, 2019		2019
	10	Financial Analysis of Seaweed Cultivation Business with the Longline Method at Kaliuda Village, Pahunga Lodu District, East Sumba Regency HK Marak, S Sunadji, Ca Paulus Aquatic Journal 1 (1), 24-33, 2018		2018
	11	Study of several aspects of the reproduction of female crabs (<i>Scylla serrata</i>) Found in the Mangrove Ecosystem in Kupang F Jemarus, Y Linggi, S Sunadji Aquatic Journal 6 (1), 74-81, 2023		2023
	12	The effectiveness of cherry leaf stew (<i>Muntingia calabura</i>) for treatment Vibrio bacterial infection alginolyticus in grouper fish (<i>Epinephelus sp</i>) uses the immersion method MC Mali, Y Salosso, S Sunadji Aquatic Journal 6 (1), 104-113, 2023		2023
	13	The influence of different cultivation methods on growth and The life of the shells (<i>Polymesoda erosa</i>) in Manikin Beach, Kecamatan Central Kupang, Kupang Regency R Dos Santos, S Sunadji, FC Liufeto Aquatic Journal 6 (1), 31-37, 2023		2023

14	The influence of density on the growth and survival of abalon (<i>Haliotis sp</i>) which is covered in floating cages F Nahak, Y Linggi, S Sunadji Aquatic Journal 6 (1), 17-23, 2023	2023
15	The Affect of Different Light Color of Physiological Conditions of Cantang Grouper Seed (<i>Epinephelus fuscoguttatus lanceolatus</i>) with different size AYH Lukas, MDR Oedjoe, S Sunadji, S Suleman	2023
16	Interrelation and Determining Factors of Water Quality Dynamics in Whiteleg Shrimp ponds in Tropical Eco-Green Aquaculture System M Musa, M Mahmudi, S Arsad, Ed Lusiana, S Sunadji, Wa Wardana Journal of Ecological Engineering 24 (1), 19-27, 2023	2023
17	Giving <i>Sargassum</i> sp. against the immune parameters and the life of the milkfish (<i>Chanos chanos</i>) FB de Araujo, S Sunadji, Y Jasmanindar Journal of Mariculture 4 (2), 1-14, 2022	2022
18	Increased dose of rice snail (<i>Pilla amplacea</i>) as feed against the growth and life of mangrove crabs (<i>Scylla serrata</i>) which is maintained in bamboo cage Yes Suhardin, P Santoso, S Sunadji Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 37-43, 2022	2022
19	The addition of papaya fruit extract to artificial feed to increase the brightness of clown fish colors (<i>Amphiprion ocellaris</i>) MFA Seran, S Sunadji, R Tobuku Aquatic Journal 5 (2), 151-159, 2022	2022
20	Strategy for Milkfish Fish Ponds (<i>Chanos chanos</i>) in Bipolo Village, Sulamu District Vy Erwindo, Nahoklory, S Sunadji Aquatic Journal 5 (2), 182-187, 2022	2022

Undana Aquaculture Lecturer



Ir. Felix Rebhung, M.Agr., PhD

Biochemistry and fish nutrition

1	Academic career		Institution	Year	
	1	Bachelor Degree	Nusa Cendana University		
	2	Master Degree	Tohoku University, Japan (Biochemistry)		
	3	Doctorate Degree	Tohoku University, Japan (Biochemistry)		
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	1988 - now
	2				
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Distribution and consumption of anchovy in the city of Kupang		2018	IDR 25.000.000
	2	The role of the wife of seaweed farmers in an effort to increase family income in Kupang Barat District, Kab. Kupang		2020	IDR 25.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	The effect of snailing meat (<i>Achatina fulica</i>) flour in feed on the growth and life of the milkfish (<i>Chanos chanos</i> , forskall) ARB Pa, F Rebhung, AYH Lukas Aquatic journal 3 (1), 59-71, 2020			2020
	2	The effect of giving different types of feed on the growth and life of the dumbo catfish seeds (<i>Clarias gariepinus</i>) in the Tesbatan Village Maintenance Pond A Taunu, AYH Lukas, F Rebhung Aquatic Journal 2 (2), 11-19, 2019			2019
	3	Growth pattern of catfish seeds (<i>Pangasius</i> sp) which is given a combination of pellets and silk worm flour (<i>Tubifex</i> sp) Ve Yulia, F Rebhung, AYH Lukas Aquatic Journal 6 (1), 24-30, 2023			2023
	4	The effect of the addition of banana stems (<i>Condisition formatpyca</i>) fermented with probiotics in commercial feed on growth milkfish (<i>Chanos chanos</i>) An Seran, F Rebhung, A Tjendanawangi Aquatic Journal 3 (1), 85-93, 2020			2020
	5	Effectiveness of the addition of dragon fruit skin extract (<i>Hylocereus polyrhizus</i>) Against the brightness of Nemo (<i>Amphiprion true</i>) fish JFD Bianco, A Tjendanawangi, F ReBhung Journal of Vocational Fisheries Sciences (JVIP) 2 (1), 21-23, 2022			2022
	6	Seaweed (<i>Kappaphycus alvarezii</i>) as a superior commodity inIncreasing added value forthe welfare of the people in East Nusa Tenggara Province R Oedjoe, M Djublina, F Rebhung, S Sunadji Fisheries and Maritime Scientific Journal 11 (1), 62-69, 2019			2019

7	Efficiency of use of feed in biofloc ponds in milkfish farming (<i>Chanos chanos</i>) DW Wanjia, F ReBhung, S Sunadji Aquatic Journal 3 (2), 43-48, 2020	2020
8	The use of gracillaria gigas feed and pellets to the growth of abalone (<i>Haliotis asinina</i>) which is maintained in a controlled container Daria, N Dahoklory, F Reghung Aquatic Journal 4 (2), 94-101, 2021	2021
9	The Effect of Addition of Young Papaya Ophas (<i>Carica papaya</i> L) in Artificial Feed on the Growth of Milkfish (<i>Chanos chanos</i>) MMF Seran, F ReBhung, P Santoso Aquatic Journal 3 (1), 1-9, 2020	2020

Undana Aquaculture Lecturer



Ir. Yulianus Linggi, M.Si

Reproduction

1	Academic career		Institution	Year	
	1	Bachelor Degree	Hasanuddin University (Fisheries)	1985 - 1992	
	2	Master Degree	Brawijaya University (Reproductive Molecular Biology)	2003 - 2006	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	1995 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Estimation of environmental carrying capacity for the plan to develop shrimp ponds on the coast of Toineke village, TTS.		2022	IDR 25.000.000
	2	Exploration of the use of <i>Halimeda opuntia</i> flour which is activated using EM4 to spur the growth of mouse grouper (<i>Cromileptis altivelis</i>) which is kept in ponds in Bipolo Village		2021	IDR 25.000.000
	3	Some aspects of NIPI fish reproduction (<i>Hemiramphus</i> sp); A preliminary study of the reduction of nipi fish populations in NTT		2020	IDR 25.000.000
	4	The Effect of Climate Change on Growth and Care of Seaweed Care in Tesabela Waters Kec. Kupang Barat.		2019	IDR 25.000.000
	5	Stimulation of <i>Tripneustis gracilla</i> Bulubabi Spawning with Environmental Manipulation		2018	IDR 25.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Indonesian aquaculture society		Member	2018 - 2019
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	Trials of giving rucah fish as feed for fish growth Milkfish (<i>Chanos chanos</i>) Mg Bilin, MDR Oedjoe, Y Linggi Aquatic Journal 4 (1), 9-16, 2021			2021
	2	The influence of substrate differences on eel fish growth (<i>Anguilla bicolor bicolor</i>) in the cultivation container Ao Yolla, Y Linggi, N Ndahoklory Aquatic Journal 3 (1), 51-58, 2020			2020
	3	The effect of the addition of vitamin ex in feed to increase maturity Mangrove crab gonad (<i>Scylla serrata</i>) Y ngongo, A Tjenjangangi, Y linggi Aquatic Journal 2 (1), 75-85, 2019			2019

4	Study of several aspects of the reproduction of female crabs (<i>Scylla serrata</i>) Found in the Mangrove Ecosystem in Kupang Bay F Jemarus, Y Linggi, S Sunadji Aquatic Journal 6 (1), 74-81, 2023	2023
5	The influence of the use of cow dung, chicken manure, rice straw and urea fertilizer Against the growth and life of milkfish (<i>Chanos chanos</i>) in Ponds SL Baba, Y Linggi, FC Liufeto Aquatic Journal 6 (1), 67-73, 2023	2023
6	The effect of a combination of young coconut water and glycerol on the presevation of fish sperm Mas (<i>Cyprinus carpio</i>) SM Lodo, A Tjendanawangi, Y Linggi Aquatic Journal 6 (1), 114-120, 2023	2023
7	Growing natural feed in milkfish ponds (<i>Chanos chanos</i>) using a combination of cow dung, chicken manure, rice straw, urea fertilizer, and sp-36 As Akoit, Y Linggi, FC Liufeto Aquatic Journal 6 (1), 10-16, 2023	2023
8	The influence of density on the growth and survival of abalon (<i>Haliotis</i> sp) which is covered in floating cages F Nahak, Y Linggi, S Sunadji Aquatic Journal 6 (1), 17-23, 2023	2023
9	Application of Bioflok Technology for the Growth of Milkfish (<i>Chanos chanos</i>) Tte Dano, FC Liufeto, Y Linggi Aquatic Journal 6 (1), 49-57, 2023	2023
10	The use of different macroalgae feed on growth andSurvival of Abalon (<i>Haliotis</i> sp) I Ina, Y Linggi, P Santoso Aquatic Journal 5 (2), 38-46, 2022	2022
11	Artificial fertilization technique in the hatchery of blood shells (<i>Anadara granosa</i>) MY Abuk, P Santoso, Y Linggi Aquatic Journal 5 (2), 2022	2022
12	The addition of honey to <i>Sargassum</i> sp in the formulation of artificial feed against Gonad Maturity Index and Gonad Bulubabi Maturity Level Ve Gayantri, A Tjendanawangi, Y Linggi Aquatic Journal 5 (2), 47-56, 2022	2022
13	The effect of differences in the frequency of feeding with different doses on the growth and life of the crab (<i>Portunus pelagicus</i>) PPD Eluama, Y Linggi, S Sunadji National Seminar on the Faculty of Animal Husbandry, Maritime and Fisheries 1 (1), 147-152, 2022	2022
14	Contribution of income and outpouring time of the work time of seaweed farmers to increase household income AA Bria, S Sunadji, Y Linggi Aquatic Journal 5 (1), 52-58, 2022	2022
15	Utilization of Putak Flour (<i>Corypha utan</i>) as a substitute feed for flourbran (<i>Oryza sativa</i>) to the growth of milkfish (<i>Chanos chanos</i> Forskal) Da Hanmima, Y Linggi, Y Jasmanindar Aquatic Journal 4 (1), 23-33, 2021	2021
16	Some aspects of NIPI fish reproduction (<i>Hemiramphus</i> sp); a study Introduction to the reduction of nipi fish populations in NTT Province Y Linggi, MDR Oedjoe, A Tjendanawangi Aquatic Journal 4 (1), 1-8, 2021	2021
17	Growth and Survival Rate of Holothuria (<i>Metriatyla</i>) Scabra with feed from Chicken Waste in Menia Waters, Sabu Raijua District, East Nusa Tenggara, Indonesia MDR Oedjoe, Y Linggi, FC LiUFETO Aquaculture, Aquarium, Conservation & Legislation 14 (1), 603-611, 2021	2021
18	The Effect of Addition of Alternative Feed from Macroalgae (<i>Gracilaria</i> sp dan <i>Ulva lactuca</i>) in pellets on the growth of tilapia (<i>Oreochromis niloticus</i>) NK Wuhi, Y Linggi, P Santoso Aquatic Journal 2 (1), 55-62, 2019	2019

Undana Aquaculture Lecturer



Dr. Ir. Nicodemus Dahoklory, M.Si

Biotechnology

1	Academic career		Institution	Year	
	1	Bachelor Degree	Pattimura University	1985 -- 1990	
	2	Master Degree	Bogor Agricultural Institute	1997 - 2000	
	3	Doctorate Degree	Brawijaya University	2009 - 2014	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	1992 - now
	2	Government employees	Head of the Aquaculture Study Program	Undana	1993 - 1997
	3	Government employees	Head of Fisheries and Maritime Research Center	Undana Research Institute	2003 - 2007
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Stimulation of spawning bulubabi with environmental manipulation		2019	IDR 30000000
	2	The influence of seagrass and kusambi leaves on the quality of the Gonad Bulubabi		2021	IDR 27500000
	3	Abundance and maturity of Gonad Bulubabi <i>Tripneustis gratilla</i> in Kupang Bay Pelairan (Chairperson)		2022	IDR 27500000
	4	Exploration of the use of Halimeda flour which is activated with EM 4 to spur the growth of rats grouper weights in Brackish water ponds in Bipolo Village		2021	IDR 27500000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Indonesian Aquaculture Masayrakat		Member	2019
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	Immunostimulants of <i>Gracilaria verrucosa</i> in the cultivation of catfish <i>Clarias</i> sp Y Jasmanindar, Y Salosso, N Dahoklory Aquatic Journal 3 (2), 67-72, 2020			2020
	2	Gonad Quality of Sea Urchin <i>Tripneustis gratilla</i> with Different Seaweed Diets A Tjendanawangi, N Dahoklory Indonesian Aquaculture Journal 18 (2), 214-221, 2019			2019
	3	The Effect of Macroalga Seeweed and Content of Feed Formulated in Sea Urchin <i>T. Gratilla</i> Gonad Quality. AACL Bioflux Vol 13 Issu I			
	4	Bioecology conditions and development of sea cucumber cultivation in village waters Hansisi and Uiasa, Semau Island E Muskananfolo, N Dahoklory, S Sunadji Aquatic Journal 4 (2), 17-22, 2021			2021

5	Utilization of local raw materials as feed in milkfish farming (<i>Chanos chanos</i> , Forsskal) V Cardoso, MDR Oedjoe, N Dahoklory Aquatic Journal 3 (2), 9-21, 2020	2020
6	The effect of the old fermented banana peel skin (<i>Musa paradisiaca</i> L.) on Growth and survival of milkfish (<i>Chanos chanos</i>) YJ Geno, n Dahoklory, F Rebhung Aquatic Journal 6 (1), 58-66, 2023	2023
7	The effect of the old fermented ulva lactuca with EM4 (Effective Microorganism 4) Against the growth and graduation of live sea cucumbers (<i>Holothuria scabra</i>) FY Olla, n Dahoklory, A Tjendanawangi Aquatic Journal 6 (1), 38-48, 2023	2023
8	Strategy for Milkfish Fish Ponds (<i>Chanos chanos</i>) in Bipolo Village, Kecamatan Sulamu VY Erwindo, N Dahoklory, S Sunadji Aquatic Journal 5 (2), 182-187, 2022	2022
9	The effect of different thallus lengths on the growth of <i>Glacilaria</i> sp which is cultivated by the long line method in coal waters M Sufmela, N Dahoklory, MDR Oedjoe National Seminar on the Faculty of Animal Husbandry, Maritime, and Fisheries 1 (1), 153-162, 2022	2022
10	The use of <i>Gracillaria gigas</i> feed and pellets to the growth of abalon(<i>Haliotis asinina</i>) which is maintained in a controlled container Daria, N Dahoklory, F Rebhung Aquatic Journal 4 (2), 94-101, 2021	2021
11	The effect of giving Sargasum sp feed with a different dose of egg hatchability and survival AD Tanaem, A Tjendanawangi, N Dahoklory Aquatic Journal 4 (2), 46-55, 2021	2021
12	The effect of temperature shock on the process of spawning Bulubabi <i>Tripneustes gratilla</i> in controlled media KK Jemu, A tjendanawangi, N Dahoklory Aquatic Journal 4 (2), 1-7, 2021	2021
13	The growth of Sargasum sp seaweed which is cultivated with an initial weight different in the long line method in the waters AE Billa, N Dahoklory, FC Liufeto Aquatic Journal 4 (1), 62-66, 2021	2021
14	Early Effect of <i>Eucheuma cottonii</i> Seaweed Seed Protector against growth using the long line method ME Mau, N Dahoklory, S Sunadji Aquatic Journal 3 (1), 36-41, 2020	2020
15	Treatment of goldfish (<i>Cyprinus carpio</i>) infected with <i>Aeromonas hydrophila</i> bacteria uses papaya leaf juice (<i>Carica papaya</i> L) with administration of different doses A Makruf, N Dahoklory, Y Salosso Aquatic Journal 3 (1), 24-35, 2020	2020
16	The Effect of Macroalgal Species and Content of Feed Formulation on Sea Urchin <i>Tripneustes gratilla</i> Gonad Quality A Tjendanawangi, N Dahoklory Aquaculture, Aquarium, Conservation & Legislation 13 (1), 194-198, 2020	2020

Undana Aquaculture Lecturer



Dr. Priyo Santoso, S.Pi.,MP

Mariculture management

1	Academic career		Institution	Year	
	1	Bachelor Degree	Nusa Cendana University (Aquaculture)	1993 - 1999	
	2	Master Degree	Brawijaya University (Aquaculture)	2006 - 2008	
	3	Doctorate Degree	Brawijaya University (Aquaculture)	2012 - 2016	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	2000 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Study of Biometric Relationship and Pearl Oysters (<i>Pinctada margaritivera</i>) which is transplanted from the Red Land Waters (as Chief Researcher)		2020	IDR 25.000.000
	2	Development of silk worm production technology (<i>Tubifex</i> sp) on controlled media and their applications (as research members)		2021	IDR 25.000.000
	3	Potential Production of SPAT Mabe Shells (<i>Pinctada margaritifera</i>) which is collected by several methods in the watersof Noelbaki Village, Central Kupang District (as Chief Researcher)		2020	IDR 25.000.000
	4	Elver Physiology Study (<i>Anguila bicolor bicolor</i>) In medium medium with different temperatures using a recirculation system (as a researcher)		2019	IDR 30.000.000
	5	Study of the Development of Nggorang Fish Seeds Center (BBI) as a Center for Superior Seeds, Educational Tourism & Fishing Ponds (as Researcher Members)		2018	IDR 260000000
	6	Study of Feasibility of Seaweed Investment Potential in West Manggarai Regency, East Nusa Tenggara Province (as a researcher)		2017	IDR 307200000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	Correlation the distance of the location found with the size and dominant index of eel in East Nusa Tenggara Waters. International Journal of Scientific Research and Management (IJSRM)			2022
	2	Study of Blood Shell Catching (<i>Anadara granosa</i>) Towards Development Cultivation in Kupang Tengah District, Kupang Regency P Santoso Journal of Vocational Fisheries Sciences (JVIP) 2 (2), 24-31, 2022			2022

3	Study of Land Potential for the Development of Aquaculture in the Talau-Loes Watershed (DAS), RDTL-Indonesia Cross Border P Santoso, A Alayubi Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 44-51, 2022	2022
4	Increased dose of rice snail (<i>Pilla amplacea</i>) as feed Against the growth and life of mangrove crabs (<i>Scylla serrata</i>) which is maintained in bamboo cage Yes Suhardin, P Santoso, S Sunadji Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 37-43, 2022	2022
5	The growth of milkfish (<i>Chanos chanos</i>) which is given a mixture of silk worm flour (<i>Tubifex</i> sp) and commercial pellets Y Arfan, R Tobuku, P Santoso Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 25-32, 2022	2022
6	NH3 concentration fluctuations in aquaponic system catfish cultivation floating using water spinach plants RG Sanam, P Santoso, AYH Lukas Aquatic Journal 5 (2), 160-164, 2022	2022
7	Use of Probiotics in Fish Feed and Clams (<i>Pilsbryoconcha exilis</i>) Biofilter Components of Aquaponic System in Archipelagic Dryland P Santoso, S Sunadji International Journal of Tropical Drylands 4 (2), 2020	2020
8	Impact of Salt Pond Industry on the Changes of Mangrove Ecosystem in Kupang Bay, Timor Island, Indonesia. Ocean Life. E-ISSN: 2580-4529	2020
9	The Effect of Addition of Young Papaya Ophas (<i>Carica papaya</i> L) in Artificial Feed on the Growth of Milkfish (<i>Chanos chanos</i>) MMF Seran, F ReBhung, P Santoso Aquatic Journal 3 (1), 1-9, 2020	2020
10	Exploration of the Potential of Sidat Fish (<i>Anguilla</i> sp) in Kupang City based on Types and locations found A Nubatonis, Ayh Lukas, P Santoso Aquatic Journal 3 (1), 42-50, 2020	2020
11	Physiological Study of Indonesian Shortfin Eel <i>Anguilla bicolor</i> on Different Temperature Medium Using a Recirculation System Medium Using a Recirculation System. AAAL Bioflux. ISSN 1844-9166 (online), 1844-8143	2019
12	Composition and Structure of Mangrove Community on Sapling and Seedling Levels in Coastal of Dolulolong, Lembata, Indonesia. International Journal of Biosciences (IJB) ISSN: 2220-6655 (print), 2222-5234 (online)	2019
13	Seagrass Species Composition and Physicochemical of Waters in Sandut Island, Indonesia	2019

Undana Aquaculture Lecturer



Dr. Yudiana Jasmanidar, S.Pi.,M.Si

Fish diseases

1	Academic career		Institution	Year	
	1	Bachelor Degree	Nusa Cendana University (Aquaculture)	1995 - 2000	
	2	Master Degree	Bogor Agricultural Institute (Aquaculture)	2006 - 2009	
	3	Doctorate Degree	Bogor Agricultural Institute (Aquaculture)	2014 - 2019	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	2000 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Study of Biometric Relationship and Pearl Oysters (<i>Pinctada margarivera</i>) which is transplanted from Red Soil Waters		2022	IDR. 25000000
	2	Exploration of the use of <i>Halimeda opuntia</i> flour which is activated through the preliminary treatment of EM4 to stimulate the weight of rats grouper (<i>Cromileptis altivelis</i>) which is kept in the ponds of the Brackish water in Bipolo Village (as a member)		2021	IDR. 25000000
	3	Gracilaria Verrucosa as immunostimulants in overcoming bacterial attacks in <i>Clarias</i> sp. (As chairman)		2020	IDR. 25000000
	4	Study of the Development of the Nggorang Tawara Nggorang Water Seed Center (BBI) as a Center for Superior Seeds, Educational Tourism, and Fishing Ponds (as members)		2018	IDR. 260000000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Indonesian aquaculture society		Member	2021 - now
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	The use of gracilaria verrucosa extract to improve the resistance system Vaname Shrimp <i>Litopenaeus vannamei</i> Y Jasmanindar IPB (Bogor Agricultural University), 2009			2009
	2	Diversity of Brown Macroalgae in Kupang Bay Waters and Alginate Content Potential and its phytochemistry Y Salosso, Y Jasmanindar Aquaculture, Aquarium, Conservation & Legislation 11 (3), 598-605, 2018			2018
	3	Dietary Administration of <i>Gracilaria verrucosa</i> Extract on <i>Litopenaeus vannamei</i> Immune Response, Growth, and Resistance to <i>Vibrio harveyi</i> Y Jasmanindar, S Sukenda, M Zairin Jr., A Alimuddin, NBP Utomo Aquaculture, Aquarium, Conservation & Legislation 11 (4), 1069-1080, 2018			2018

4	Use of Kepok Banana Stems (<i>Musa paradisiaca</i> Formmatypica) with a dose Different in growing natural feed NL Igo, Ayh Lukas, Y Jasmanindar Indonesian swamp aquaculture journal 8 (2), 129-140, 2020	2020
5	Immunostimulants of gracilaria verrucosa in the cultivation of catfish <i>Clarias</i> sp Y Jasmanindar, Y Salosso, N Dahoklory Aquatic Journal 3 (2), 67-72, 2020	2020
6	Ectoparasitic Prevalence and Intensity Study in several types of water fish bargain at the central fish seed hall (BBIS) Noekele, East Nusa Tenggara S Affandi, FJL Resamasu, Y Jasmanindar Aquatic Journal 2 (2), 81-88, 2019	2019
7	The Chemical Composition of <i>Gracilaria verrucosa</i> Extract and Its Utilization on Survival and Growth <i>Litopenaeus vannamei</i> Y Jasmanindar, S Sukenda, A Alimuddin, Mz Junior, NBP Utomo Omni-Akuatiks 14 (3), 1-9, 2018	2018
8	Treatment of grouper fish (<i>Epinephelus fuscoguttatus</i> - <i>lanceolatus</i>) Infected with vibrio alginolyticus bacteria using leaf water extract Ketapang (<i>Terminalia catappa</i>) MH Seuk, Y Salosso, Y Jasmanindar Aquatic Journal 4 (2), 8-16, 2021	2021
9	Phytochemical test and antibacterial activity of binahong leaf (<i>Anredra cordifolia</i>) against the bacteria of <i>Vibrio alginolyticus</i> in-vitro F Seran, Y Jasmanindar, Y Salosso Aquatic Journal 5 (1), 1-8, 2022	2022
10	The difference in harvest age to the growth and carrageenan content of grass <i>Kappaphycus alvarezii</i> Sea affected by Ice Ice Mi Merpalay, MDR Oedjoe, Y Jasmanindar Aquatic Journal 6 (1), 95-103, 2023	2023
11	Giving <i>Sargassum</i> sp. against the immune parameters and the lives of fish Milkfish (<i>Chanos chanos</i>) FB de Araujo, S Sunadji, Y Jasmanindar Journal of Mariculture 4 (2), 1-14, 2022	2022
12	Cultivation of Polyculture Gracilaria sp. With milkfish (<i>Chanos chanos</i>) in Tambak Bipolo YY Suryani, Y Jasmanindar, Y Salosso Journal of Mariculture 4 (2), 15-25, 2022	2022
13	The difference between the types of parasites in the grouper fish (<i>Epinephelus fuscoguttatus</i> x <i>Epinephelus lanceolatus</i>) before and after cultivation in the cage of the net Floating JDN Djurumbaha, Y Jasmanindar, Y Salosso Aquatic Journal 5 (2), 67-81, 2022	2022
14	Utilization of <i>Sargassum</i> sp. To inhibit the growth of <i>Vibrio</i> sp. In milkfish (<i>Chanos chanos</i>) FB de Araujo, S Sunadji, Y Jasmanindar National Seminar on the Faculty of Animal Husbandry, Maritime and Fisheries 1 (1), 178-190, 2022	2022
15	Prevention of <i>Vibrio</i> sp. In milkfish (<i>Chanos chanos</i>) With the provision of cinnamon stew (<i>Cinnamomum burmannii</i>) L Meni, Y Jasmanindar, FC Liufeto Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 9-12, 2022	2022
16	The effect of giving a mixture of carrot flour (<i>Daucus carota</i>) and flower flour Marigold (<i>Tagetes erecta</i>) in the color of the clown fish (<i>Ampliprion ocellaris</i>) AR Tasuib, Y Jasmanindar, W Pasaribu Journal of Fisheries and Aquaculture Sciences 17 (1), 12-19, 2022	2022
17	The effectiveness of the addition of red spinach (<i>Amaranthus tricolor</i> l) to the feed Against the increase in color of koi carp (<i>Cyprinus carpio</i> L) Jda Magno, Y Jasmanindar, P Santoso Journal of Vocational Fisheries Sciences (JVIP) 2 (2), 56-59, 2022	2022
18	The use of Moringa leaf feed (<i>Moringa oleifera</i>) and <i>Sargassum</i> sp. In the formulation of artificial feed against the Gonad Maturity Index (IKG) BULUBabi (<i>Tripneutes gratilla</i>) YD UN, A Tjendanawangi, Y Jasmanindar Aquatic Journal 5 (1), 32-41, 2022	2022

Undana Aquaculture Lecturer



ASRIATI DJONU, S.Pi., MP
Fish Processing and Genetics

1	Academic career		Institution	Year	
	1	Bachelor Degree	Brawijaya University (Fishery Product Technology)	2010-2014	
	2	Master Degree	Brawijaya University (Aquaculture)	2015-2018	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	2019 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	The development of silk worm production technology (<i>Tubifex</i> sp) on controlled media and its applications		2021	IDR. 25000000
	2	Estimation of environmental carrying capacity for the plan to develop shrimp ponds on the coast of Toineke village, TTS		2022	IDR. 25000000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	Effect of Moringa Leaves (<i>Moringa oleifera</i>) fermented <i>Rhizopus oligosporus</i> on the nutritional content of fish feed A Djonu, S Andayani, H Nursyam Aquatic Journal 3 (2), 73-78			2020
	2	LITERATURE REVIEW: The use of herbal ingredients for the prevention and treatment of bacterial diseases of freshwater fish W Pasaribu, A Djonu Journal of Bahari Papadak 2 (1), 41-52			2021
	3	Local material in feed as an alternative to the growth and life of milkfish (<i>Chanos chanos</i>) A Djonu, W Pasaribu Aquatic Journal 4 (1), 72-77			2021
	4	Development of traditional Wogi Fish Products for Business Actors in Pandemi Covid 19 A Djonu, Tibk Pah Journal of Geography 1 (1), 151-157, 2021			2021
	5	Community perception of the potential of coastal resources in the Lilifuk area of Bolok Village Li Boikh, IAL Dewi, DM Bessie, A Djonu Journal of Bahari Papadak 2 (2), 217-225			2021
	6	Development of traditional Wogi Fish Products for Business Actors in Pandemi Covid 19 A Djonu, Tibk Pah Journal of Geography 1 (1), 151-157, 2021			2021

7	Morphometric measurement of song fish (<i>Sardinella fimbriata</i>) in the waters of Kupang S Suleman, A Djonu Salamata Journal 4 (2), 1-5	2022
8	Characteristics of Organoleptic Kamaboko catfish (<i>Clarias gariepinus</i>) with the addition of soy protein isolates (ISP) A Djonu Journal of Bahari Papadak 3 (2), 154-157	2022
9	Microstructure with Scanning Electron Microscope and Sensory Characteristics in Nori Red Algae (<i>Gracilaria gigas</i>) P Pamungkas, A Djonu Agritepa: Journal of Agricultural Science and Technology, 9 (2): 275-286	2022
10	Quality of physical properties of carrageenan, proximate, and organoleptic <i>Kappaphycus alvarezii</i> at different harvest ages in the long sand of the city of Kupang LE Sindopong, MDR Oedjoe, A Djonu Aquatic Journal 5 (1), 98-109	2022
11	The addition of soybean protein isolates (ISP) to increase the nutrition of Kamaboko catfish (<i>Clarias gariepinus</i>) A Djonu, H Nursyam Journal of Bahari Papadak 3 (1), 231-235	2022

Undana Aquaculture Lecturer



IMMARIA FRANSIRA, M.P.

Fish Diseases

1	Academic career		Institution	Year	
	1	Bachelor Degree	Brawijaya University (Fish Disease)	2012-2016	
	2	Master Degree	Brawijaya University (Fish Disease)	2017-2019	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	2022 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Potential Dayak onion Extract (<i>Eleutherine palmifolia</i> (L) MERR) As an antibacterial <i>Pseudomonas fluorescens</i> in hematology and Histopathology of Tilapia (<i>Oreochromis niloticus</i>)		2019	IDR 35.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	Potential of Dayak Onion (<i>Eleutherine palmifolia</i> (L) MERR) Extract as Antibacterial Against <i>Pseudomonas fluorescens</i> I Fransira, U Yanuhar, M Maftuch The Journal of Experimental Life Science 9 (2), 76-80			2019
	2	Antibacterial Activity of Dayak Onion Bulbs (<i>Eleutherine palmifolia</i> (L) MERR) Extract Fraction Against <i>Pseudomonas fluorescens</i> and Its Secondary Metabolite I Fransira, AF Anggreini, U Yanuhar, M Maftuch Research Journal of Life Science 6 (2), 94-103			2019
	3	The Effect of Eleutherine Palmifolia Root Extract on the Hematology of <i>Oreochromis niloticus</i> infected with <i>Pseudomonas fluorescens</i> I Fransira, U Yanuhar, A Noercholis, Maftuch AACL Bioflux 13 (1), 346-359			2020

Undana Aquaculture Lecturer



Wesley Pasaribu, S.Pi., M.Si
Physiology of Aquatic Organisms

1	Academic career		Institution	Year	
	1	Bachelor Degree	Sam Ratulangi University (aquaculture)	2011 - 2015	
		Master Degree	Bogor Agricultural University (Aquaculture)	2015-2018	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	2019 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Study of Biometric Relationship and Growth of Pearls (<i>Pinctada margarivera</i>) transplanted From the Red Land Waters		2022	IDR 25.000.000
	2	The use of kefa forest honey mixed with buffalo (<i>Euphorbia hirta</i>) in controlling bacterial diseases in fish farming		2022	IDR 137.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1	Streptococcus agalactiae bivalent vaccine formulation and <i>Aeromonas hydrophila</i> for the parent of tilapia (<i>Oreochromis niloticus</i>)		2018	
	2	The combination of kefa forest honey and euphorbia hirta (<i>Euphorbia hirta</i>) as a natural antibacterial in controlling the attack of the bacterium <i>Vibrio alginoliticus</i> in the cultivation of grouper fish		2022	
5	Activities in specialistbodies over the last 5 years			Position	Year
	1	Indonesian aquaculture society		Member	2021
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	The efficacy of nile tilapia (<i>*Oreochromis niloticus*</i>) BROODSTOCK AND Larval Immunization Against <i>*Streptococcus agalactiae *</i> and <i>*Aeromonas hydrophila *</i> W Pasaribu, S Sukenda, S Nuryati Fishes 3 (1), 16, 2018			2018
	2	Nutrient Content, Active Compound and Antibacterial Activity of Padina Australis Against <i>Aeromonas hydrophila</i> Y Salosso, S Aisiah, LNL Toruan, W Pasaribu Active Compound, Antibacterial Activity, Padina Australis, NutrientContent, 2020			2020
	3	Seaweed Extract of <i>Gracilaria verrucosa</i> As An Antibacterial and Treatment Against <i>Vibrio harveyi</i> Infection of <i>Litopenaeus vannamei</i> M Rudi, S Sukenda, D Wahjuningrum, W Pasaribu, D Hidayatullah Indonesian aquaculture journal 18 (2), 120-129, 2019			2019
	4	Effectiveness of Water Boyfriend Leaf Extract (<i>Impatiens Balsamina</i> L.) To increase the non - specific immune response of tilapia (<i>Oreochromis niloticus</i>) W Pasaribu, SNJ Longdong, JD Mudeng E-Journal Aquaculture 3 (1), 2019			2019
	5	Efficacy of whole-cell and lipopoysaccharide vaccine of aeromonas hydrophila on juvenile <i>Oreochromis niloticus</i> against motile Aeromonas septicemia S Sukenda, Ei Romadhona, M Yuhana, W Pasaribu, D Hidayatullah Aquaculture, Aquarium, Conservation & Legislation 11 (5), 1456-1466, 2018			2018

6	Prevention of bacterial diseases in grouper: a mini-review W Pasaribu Journal of Bahari Papadak 2 (2), 203-211, 2021	2021
7	LITERATURE REVIEW: The use of herbal ingredients for the prevention and treatment of bacterial diseases of freshwater fish W Pasaribu, A Djonu Bahari Papadak 2 (1), 41-52, 2021	2021
8	Local materials in feed as an alternative to growth and Milkfish Life (<i>Chanos chanos</i>) A Djonu, W Pasaribu Aquatic Journal 4 (1), 72-77, 2021	2021
9	Effect of the Combination of Kefa Forest Honey and <i>Euphorbia hirta</i> as a Curative Agent of <i>Vibrio alginolyticus</i> in the Hybrid Grouper <i>Epinephelus fuscoguttatus</i> Y Salosso, A Tjendanawangi, S Lopez, W Pasaribu IOP Conference Series: Earth and Environmental Science 1147 (1), 012006, 2023	2023
10	The effect of giving a mixture of carrot flour (<i>Daucus carota</i>) and marigold flower flour (<i>Tagetes erecta</i>) to the color of the clown fish (<i>Amphiprion ocellaris</i>) AR Tasuib, Y Jasmanindar, W Pasaribu Journal of Fisheries and Aquaculture Sciences 17 (1), 12-19, 2022	2022
11	Phytochemical analysis and antibacterial activity of several types of plants to pathogenic bacteria in fish cultivation Y Salosso, O Olga, S Aisiah, JD Ressie, YW Foes, W Pasaribu Jsipi (Journal of Science and Fisheries Innovation) (Journal of Fishery Science and ..., 2021	2021
12	<i>Streptococcus agalactiae</i> bivalent vaccine and <i>Aeromonas hydrophila</i> : preparation and vaccine administration to the parent of tilapia Sukenda, S Nuryati, O Caran, Rahman, W Pasaribu, D Hidayatullah ID PATENT 2019/S/00,632, 2019	2019

Undana Aquaculture Lecturer



Suleman, S.S.T.Pi., M.P

Aquaculture engineering

1	Academic career		Institution	Year	
	1	Bachelor Degree	Fisheries College, Jakarta	2009-2013	
	2	Master Degree	Universitas Brawijaya, Malang	2017-2018	
2	Employment		Position	Institution	Year
	1	Private companies	Supervisor	UD. Tirta Mina	2013-2015
	2	Private companies	Junior Supervisor	PT. Central Pertiwi Bahari	2015-2015
	3	Private companies	Manager	PT. Manggarai Barat Kerapu	2016-2017
	4	Private companies	Lecturer	Samawa Universitas	2019-2021
	5	Government employees	Lecturer	Undana	2021-sekarang
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	The preference of light color by the grouper fish seeds (<i>Epinephelus fuscoguttatus lanceolatus</i>) with different sizes and the effects of light intensity on their productivity		2022	IDR 25.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	The Effect of <i>Ulva lactuta</i> Polysaccharide Extract on Total Haemocyte Countand phagocytic activity of <i>L. vannamei</i> S Suleman, S Andayani, A Yuniarti Research Journal of Life Science 5 (3), 156-162, 2018			2018
	2	Preservation of ecosystems in the Teluk Saleh region through planting mangroves and guidance to the Labuhan Aji Youth Group Tarano District A Rhismanda, S Suleman Proceedings of the IPPEMAS National Seminar 1 (1), 696-701, 2020			2020
	3	Potential of <i>Ulva lactuta</i> Crude Extract in Increasing Total Haemocyte Count (THC) and Fagocytic Activity in Vaname Shrimp (<i>Litopenaeus vannamei</i>) S Suleman, S Andayani, A Yuniarti Samakia: Journal of Fisheries 10 (1), 01-07, 2019			2019
	4	The Affect of Different Light Color of Physiological Conditions of Cantang Grouper Seed (<i>Epinephelus fuscoguttatus lanceolatus</i>) with different size AYH Lukas, MDR Oedjoe, S Sunadji, S Suleman			2023
	5	Morphometric measurement of song fish (<i>Sardinella fimbriata</i>) in the waters Kupang S Suleman, A Djonu Salamata Journal 4 (2), 1-5, 2022			2022

	6	<i>Ulva lactuca</i> Seaweed Polysaccharide Extract as an immunostimulant to fight <i>V.harveyi</i> in Vaname Shrimp (<i>Litopenaeus vannamei</i>) S Suleman Proceedings of the National Seminar on IPPEMAS 2020, 675-683, 2020	2020
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Undana Aquaculture Lecturer



Ir. Ridwan Tobuku, M.Si

Fish nutrition

1	Academic career		Institution	Year	
	1	Bachelor Degree	Hasanuddin University Makassar (aquaculture)	1986 - 1991	
	2	Master Degree	Bogor Agricultural Institute (Aquaculture)	2004 - 2007	
2	Employment		Position	Institution	Year
	1	Government employees	Lecturer	Undana	1993 - now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Abundance and maturity of the Gonad Bulubabi <i>Tripneustisgratilla</i> in the Kupang Bay Pelairan		2022	IDR 27.500.000
	2	Elver Elver Sidat (<i>Anguilla bicolor bicolor</i>) Study on Maternity Media with Different Temperature Using a Recirculation System		2019	IDR 30.000.000
	3	Potential Production of SPAT Mabe (<i>Pinctada margaritivera</i>) which is collected by several methods in Noelbaki waters, Kupang Regency		2020	IDR 30.000.000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	Physiological Study of Indonesian Shortfin Eel <i>Anguilla bicolor</i> on Different Temperature Medium Using a Recirculation System Ayh Lukas, P Santoso, R Tobuku Aquaculture, Aquarium, Conservation & Legislation 12 (6), 2227-2235, 2019			2019
	2	Use of carrot flour, <i>Daucus carota</i> in commercial feed to increase the brightness of the color and survival Yes, Bani, R Tobuku Aquatic Journal 5 (1), 83-88, 2022			2022
	3	Caularpa recemosa growth which is cultivated at the depth In contrast to the long line method using the net pocket system atwaters of Semaui Kupang Regency. F DA Conceicao, MDR Oedjoe, R Tobuku Aquatic Journal 3 (2), 28-32, 2020			2020
	4	Identification of the milkfish parasites (<i>Chanos chanos</i> forskal) Traditionally cultivated in Tambak Badarai, Kletek and Suai Regency of Malacca Regency, Nusa Tenggara Province Y Seran, Y Salosso, R Tobuku Aquatic Journal 2 (1), 86-99, 2019			2019

5	The effect of different substrates on the growth of seaweed <i>Sargassum</i> sp produced by spores A wawu, n dahoklory, r tuboku Aquatic Journal 1 (1), 43-49, 2018	2018
6	The effect of adding red dragon fruit flour (<i>Hylocereus polyhizuz</i>) into Feed on the color quality of comet fish (<i>Carrassius auratus</i>) YB Udjan, A Tjendanawangi, R Tobuku Aquatic Journal 6 (1), 91-94, 2023	2023
7	Maggot cultivation (<i>Hermetia illucens</i>) as a goldfish feed (<i>Cyprinus carpio</i>) in the media growing apu-apu (<i>Pistia stratiotes</i>) AJ BUPU, Y SALOSSO, R Tobuku Indonesian swamp aquaculture journal 10 (2), 160-172, 2022	2022
8	The influence of probiotic applications on grouper fish cultivation (<i>Epinephelus fuscoguttatus</i> x <i>E. lanceolatus</i>) YPM Kore, R Tobuku Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 33-36, 2022	2022
9	The growth of milkfish (<i>Chanos chanos</i>) which is given a mixture of flour Silk worms (<i>Tubifex</i> sp) and commercial pellets Y Arfan, R Tobuku, P Santoso Journal of Vocational Fisheries Sciences (JVIP) 3 (1), 25-32, 2022	2022
10	The addition of papaya fruit extract to artificial feed to increase The brightness of the clown fish color (<i>Amphiprion ocellaris</i>) MFA Seran, S Sunadji, R Tobuku Aquatic Journal 5 (2), 151-159, 2022	2022
11	The effect of giving papaya seed flour (<i>Carica papaya</i> L.) in feed against the growth and life of milkfish (<i>Chanos chanos</i>) Y BRIA, F ReBhung, R Tobuku Aquatic Journal 5 (2), 196-204, 2022	2022
12	Growth and survival of the milkfish seeds (<i>Chanos chanos</i>) Given an additional food combination of landworm flour (<i>Lumbricus rubellus</i>) and silk worm flour. V Adur, R Tobuku, P Santoso Aquatic Journal 5 (2), 30-37, 2022	2022
13	Study of bioecology aspects for the feasibility of sea cucumber cultivation on the coast of the waters of Hansisi and Uiasa, Sema District, Kupang Regency R Tobuku Journal of Bahari Papadak 3 (2), 93-99, 2022	2022
14	Use of Harmful Algae Presence to Assess Water Quality in Lake Ranu Grati, Indonesia S Sunadji, M Mahmudi, Ed Lusiana, R Tobuku Ecological Engineering & Environmental Technology 23 (6), 2022	2022
15	The effect of feeding based on carbohydrate and fat ratio on Catfish fat content (<i>Pangasius hypophthalmus</i>) R Tobuku Journal of Vocational Fisheries Sciences (JVIP) 2 (2), 71-77, 2022	2022
16	Isolation and identification of <i>Vibrio Harveyi</i> bacteria that infects milkfish (<i>Chanos chanos</i>) in ponds in the village of North Central Timor A Klau, Y Salosso, R Tobuku Aquatic Journal 4 (2), 73-82, 2021	2021
17	The effect of seagrass -based feeding (<i>Enhalus acoroides</i>) hatching hat and survival of sea urchins larvae (<i>Tripneustes grathilla</i>) YCI Meni, A Tjendanawangi, R Tobuku Aquatic Journal 4 (1), 17-22, 2021	2021

Undana Aquaculture Lecturer



Welem Turupadang, S.Pi., G.Dip.Sc., M.Sc

Biology, ecology, and chemistry of marine macroalgae

1	ACADEMIC CARIEER		Institution	Year	
	1	Bachelor Degree	Nusa Cendana Universiry (Aquaculture)	2000-2005	
	2	Master Diploma Degree	James Cook University (Macroalgae Biology and Ecology)	2011-2013	
	3	Master Degree	Victoria University of Wellington (Macroalgae Natural Product)	2016-2019	
2	Employment		Position	Institution	Year
	1	Faculty of Animal Husbandry, Marine & Fisheries	Lecturer	Undana	2006-Now
3	Research and Development projects over the last 5 years			Year	Amount of financing
	1	Seaweed Nursery to support sustainability of seaweed farming and resilience of farmers in Semaui Island, Nusa Tenggara Timur		2023	IDR 50,00,000
	2	SEA-BUDDY: Improving Resilience of the Seaweed Blue Economy in Kupang Bay, West Timor, through Sustainable Seaweed Nursery Practices		2022	IDR 100,000,000
	3	Resilience and adaptation of seaweed farmers to COVID-19 in rural Eastern Indonesia		2021	ISR 80,000,000
	4	Review of the Sustainability of Seaweed Aquaculture in Kupang Regency Production Centers During Pandemi Covid-19 and Post Storm Seroja 2021		2021	IDR 25,000,000
4	Patents and proprietary rights over the last 5 years			Year	
	1				
5	Activities in specialistbodies over the last 5 years			Position	Year
	1				
6	Industry collaborations over the last 5 years			Industry	Year
	1				
7	Important publications over the last 5 years				Year
	1	Interventionist industry policy to support local value-adding: Evidence from the Eastern Indonesian seaweed industry A Langford, W Turupadang, S Waldron Marine Policy 151, 105561			2023

2	Analysis of labor, technology and equipment, seeds and capital to pearl production in East Flores VL OLA, P SANTOSO, WL TURUPADANG Journal of Vocational Fisheries Sciences (JVIP) 3 (2), 120-125	2023
3	Analysis of the yield and type of carrageenan of the Kappaphycus Alvarezii grass in the waters of Southwest Maluku, Maluku Province F Pakniany, n Dahoklory, W Turupadang Journal of Vocational Fisheries Sciences (JVIP) 3 (2), 115-119	2023
4	Molecular Networking to Screen Macroalgal Secondary Metabolites: Case for West Timor Macroalgae W Turupadang, M Johanis Indonesian Journal of Chemical Research 10 (3), 203-211	2023
5	A Comparison of Morphological Features Between Freshly Collected and Silica Beads-Dehydrated Macroalgal Samples in The Central Great Barrier Reef, Australia W Turupadang Jurnal Kelautan: Indonesian Journal of Marine Science and Technology 15 (2 ...	2022
6	Aquaponics Application for Families with Stunting Toddlers in Kupang Regency Co Lada, If Buntoro, L Nurina, W Turupadang Tropical Media: Journal of Community Service 2 (1), 28-34, 2022	2022
7	Socio-Economic Performance of Coastal Macroalga Cultivation Kupang Regency: Review Business sustainability 20 years since the inception W Turupadang, MDR Oedjoe, S Sunadji Aquatic Journal 4 (2), 83-93, 2021	2021
8	A Comparison of Morphological Features Between Freshly Collected and Silica Beads-Dehydrated Macroalgal Samples in The Central Great Barrier Reef, Australia W Turupadang Jurnal Kelautan: Indonesian Journal of Marine Science and Technology 15 (2 ..., 2022	2022
9	Tinjauan Bahan Alam Makroalga di Indonesia: Status dan Potensial W Turupadang Jurnal Bahari Papadak 3 (1), 210-230, 2022	2022
10	Seaweed (Kappaphycus alvarezii) condition exposed to temperature change in Sulamu waters, Kupang Regency, East Nusa Tenggara, Indonesia MDR Oedjoe, AL Kangkan, W Turupadang, AYH Lukas, FC Liufeto Journal of Positive School Psychology 6 (2), 407-418, 2022	2022
11	Aquaponics technology to tackle stunting children amongst disadvantaged families in Kupang Regency, Eastern Indonesia W Turupadang, CO Lada, I Febrianti, RL Nurina, M Yohanes Global Conference on Aquaculture Millennium + 20 (GCA +20), 23-24 September 2021	2021
12	Marine Reserves: Sustain Fishing or Conservation? A Case Study from Kimbe Bay, Papua New Guinea WL Turupadang Seminar Nasional Kelautan dan Perikanan ke-V Fakultas Kelautan dan Perikanan ..., 2018	2018
13	Revisiting marine bioprospecting of tropical Indonesian macroalgae from West Timor W Turupadang Victoria University of Wellington, 2018	2018