



Graduate School / Faculty of Bioresources, Mie University

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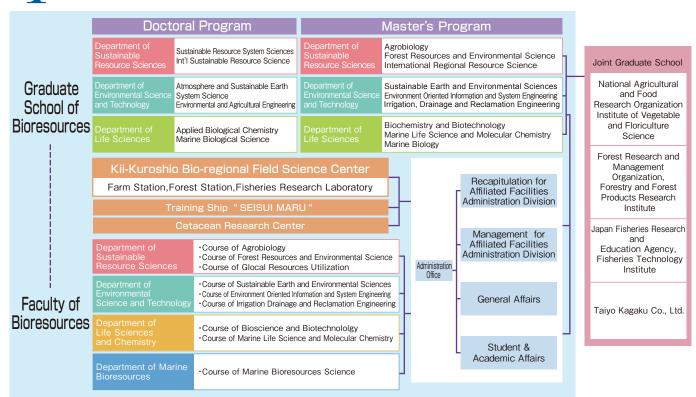
# Graduate School / Faculty of Bioresources,

Mie University

2022-2023

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### Organization





### Outline of Departments

### Department of Sustainable

Resource Sciences

We aim to educate people who can develop technology and research for the cyclic use of bioresources through efficient, environmentally-friendly methods and design a new society, building a harmonious recycling society. To that end, we carry out research and education on the sustainable use of bioresources through a study of biological life systems, the environment they live in, and biodiversity.

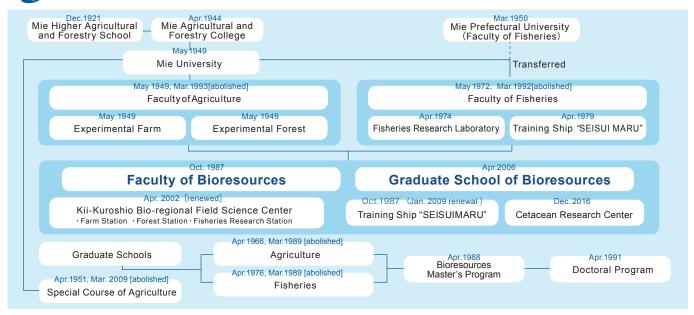
#### Department of Environmental Science and Technology

Graduate School of Bioresources

We aim for the construction of a sustainable biological production system in which human activities and biological systems are in harmony while preserving and restoring, and understanding, the environment of the global biosphere which is made up of all the diverse ecologies. To that end, we carry out research and education, rooted in basic science which covers the whole scale of sizes from microflora to the earth itself, and in applied technology for sustainable development.

We aim to build the basic scientific theories related to the life sciences overall as well as a field of study related to the development, conservation, and management of marine bioresources, and to instruct the students through the practical education. Therefore, in this department. we carry out research and education in order to allow individual students to learn the research skills required for research in the life sciences, as well as to understand basic theory related to the life phenomena of bioresources at the ecosystem, community, population, individual, organ, cell, and molecular levels.

# **Historical Chart**



### **Administrative Staff**

		As of Apr.1st, 2022
Executive	Name	Term
Dean	MATSUMURA Naoto	Apr.1st, 2022-Mar.31st, 2024
Vice Dean for Educational Development	KOHBARA Jun	Apr.1st, 2022-Mar.31st, 2024
Vice Dean for Research Development	HASHIMOTO Atsushi	Apr.1st, 2022-Mar.31st, 2024
Assistant to the Dean for Research Project	TACHIBANA Yoshihiro	Apr.1st, 2022-Mar.31st, 2024
Assistant to the Dean for Research Public Relations	KISANUKI Hiromitsu	Apr.1st, 2022-Mar.31st, 2024
Assistant to the Dean for Student Support	NADA Kazuyoshi	Apr.1st, 2022-Mar.31st, 2024
Assistant to the Dean for Faculty Education	OKAJIMA Kenji	Apr.1st, 2022-Mar.31st, 2024
Director of Kii-Kuroshio Bio-regional Field Science Center	WATANABE Kunio	Apr.1st, 2022-Mar.31st, 2023
Captain, Training Ship"SEISUI MARU"	MAEKAWA Yoichi	Apr.1st, 2021-Mar.31st, 2023
Director of Cetacean Research Center	YOSHIOKA Motoi	Apr.1st, 2021-Mar.31st, 2023
Head,Office for Graduate School of Bioresources	TOGIYA Motohiro	Apr.1st, 2020-
Head,Office for Affiliated Facilities Administration Division	NORO Masatoshi	Apr.1st, 2020-



	•
	As of Jul.1st, 2022
Classification	Registered Number
Professor	50
Associate Professor	42
Assistant Professor	14
Clerical/Technical Employees	43
Total	149



## 6 Organization of Departments

#### Graduate School of Bioresources - Doctoral Program

Departments	Courses	Research Fields
Sustainable	Sustainable Resource System Sciences	Food Production Science Forest Resources and Environmental Science
Resource Sciences	International Sustainable Resource Science	·International Sustainable Resource Science
Environmental Science	Atmosphere and Sustainable Earth System Science	· Atmosphere Ocean and Earth System Science · Adaptive Watershed Management · Earth System Analysis
and Technology	Environmetal and Agricultural Engineering	•Environment Oriented Information and System Engineering •Regional Conservation Engineering •Environmental and Ecosystem Science
Life	Applied Biological Chemistry	·Biochemistry and Biotechnology ·Marine Life Science and Molecular Chemistry
Sciences	- Marine Biological Science	· Marine Biology

### Department of Sustainable Resource Sciences

Courses	Laboratories		Position / Name						
	Plant Molecular Genetics and Breeding		Professor	KAKEDA Katsuyuki [Professor SUWABE Keita]*					
	···· Crop Science		Professor	UMEZAKI Teruhisa Professor NAGASUGA Kiyoshi Associate NAGAYA Yuichi					
	Horticultural Crop Physiology	]	Professor	OKUDA Hitoshi Professor NADA Kazuyoshi					
Agrobiology	Animal Production	]	Professor	MATSUI Hiroki Associate Professor BAN Tomomi					
	Grassland and Animal Feed Production		Associate Professor	KONDO Makoto					
	···· Phytopathology		Professor	NAKASHIMA Chiharu Associate Professor SHIROUZU Takashi					
	···· Insect Ecology		Professor	TSUKADA Morio					
	Forest Conservation Ecology		Professor	KISANUKI Hiromitsu Associate Professor TORIMARU Takeshi					
	···· Forest Mycology		Professor	MATSUDA Yosuke Assistant Professor KITAGAMI Yudai					
Forest	Soil Science and Plant Nutrition	]	Associate Professor	MIZUNO Takafumi					
Resources	Forest Environment and Sediment Control Engineering		Professor	TSUTSUMI Daizo Associate Professor NUMAMOTO Shinya					
and Environmental	···· Forest Engineering		Professor	ISHIKAWA Tomoaki Associate Professor ITAYA Akemi					
Science	Wood Science and Technology	]	Professor	NAKAI Takahisa Associate Professor FUCHIGAMI Yuki Assistant Professor UCHISAKO Takayuki					
	···· Woody Biomass Science		Professor	NONAKA Hiroshi Assistant TOKUNAGA Yuki					
	Forest Planning for the Environment	]	Professor	MATSUMURA Naoto Associate Professor MATSUO Naoko					
	Sustainable Resource Economics	]	Associate Professor	NAKAJIMA Toru					
International	Farm Management and Rural Sociology	]	Associate Professor	NONAKA Akihisa					
Regional Resource	Economic System of Bioresources		Professor	CHANG Qingxiu					
Science	Global Plant Resource Science	]	Professor	SEKIYA Nobuhito					
	Global Resource Utilization Science		Associate Professor	YOSHIHARA Yu					

<sup>\*</sup> belongs to the Graduate School of Regional Innovation Studies

### Department of Environmental Science and Technology

Courses	Laboratories	Position / Name							
	Atmosphere and Climate Dynamics	Professor TACHIBANA Yoshihiro							
	Meteorological Analysis and Prediction	Associate Professor NISHII Kazuaki							
	···· Ocean Climate ···	Associate Professor YAMADA Fukuji							
Sustainable Earth and	Ocean and Climate Change	Associate Professor MANDA Atsuyoshi							
Environmental	···· Future Earth ···	Professor IIJIMA Yoshihiro							
Sciences	Earth System Evolution	Professor SAKAMOTO Tatsuhiko							
	Water Environment and Natural Disasters	Professor KUZUHA Yasuhisa							
	Applied Environmental Studies	[Professor OHNO Ken]**							
Environment	Environmental Information and Technology	Associate Professor FUKUSHIMA Takashi Assistant Professor TAKIZAWA Kenji							
Oriented	Productive Environment System	Professor JINYAMA Ho							
Information and	Environmental Control in Biology	Professor MURAKAMI Katsusuke							
System	Energy Utilization Engineering	Professor WANG Xiu Lun							
Engineering	Agricultural and Food Systems	Professor MORIO Yoshinari Assistant Professor NAITO Hirotaka							

Courses	Laboratories	Position / Name							
	 Applied Geomorphology	 Associate Professor	MORIMOTO Hidetsug	u					
	 Soil Resources Engineering	 Professor	SAKAI Toshinori	Assistant Professor TANAKA Yoshikazu					
Irrigation,	 Water Resources Engineering	 Associate Professor	KONDO Masaaki	Assistant Professor ITO Ryoei					
Drainage and Reclamation	 Environmental Facilities Engineering	 Professor	OKAJIMA Kenji						
Engineering	 International Environment Conservation	 Professor	HOSSAIN Zakaria						
	 Vadose Zone Hydrology	 Professor	WATANABE Kunio						
	 Soil Physics and Hydrology	 Professor	TORIDE Nobuo	Associate SAKAI Masaru					

<sup>\*\*</sup> belongs to the Faculty of Center for General Education

#### Department of Life Sciences

Courses	Laboratories		Position / Name						
	Molecular and Cellular Biology	]	Associate Professor	AKEBAYASHI Shir	n-ichiro				
	Molecular Bioinformatics	<u></u>	Associate Professor M	IIYAKE Hideo					
Biochemistry	Biofunctional Chemistry	]	Professor IN	NAGAKI Minoru					
and	Medicinal Chemistry	]	Associate Professor M	IASUDA Yuichi					
Biotechnology	Bioorganic Chemistry	]	Associate KA	ATSUZAKI Hirotaka	a Associate Professor	OKAZAKI Youzou			
[Faculty]	Regulatory Biochemistry	]	Professor TE	ERANISHI Katsunori					
Department of Life	Bioinformation and Food Engineering	]	Professor H	ASHIMOTO Atsushi	[ Professor	SUEHARA Ken-ichiro	o]*		
Sciences and	···· Food Chemistry	]	Associate Professor IS	ONO Naoto	Associate Professor	MISHIMA Takashi			
Chemistry	Applied Microbial Genetics	]	Professor KI	IMURA Tetsuya	Assistant Professor	KUNITAKE Emi			
	Nutritional Chemistry	]	Associate NI Professor NI	ISHIO Masahiro	Assistant Professor	KURIYA Kenji			
	··· Fermentation Biology	]	Professor K	ARITA Shuichi	Associate Professor	UMEKAWA Midori			
	···· Marine Biochemistry	]	Professor K	AKINUMA Makoto	Assistant Professor	IGARASHI Yoji			
Marine Life Science and	Utilization of Aquatic Bioresources	]	Professor T/	AMARU Yutaka					
Molecular	Molecular Chemistry and Aquatic Materials	]	Associate Professor IT	TOH Tomohiro					
Chemistry	Biophysical Science	]	[Professor O(	OI Atsushi]**					
[Faculty]	···· Muscle Biology	]	Professor FI	UNABARA Daisuke	)				
Department of Life	···· Marine Microbiology	]	Professor Fl	UKUZAKI Satoshi	Associate Professor	TANAKA Reiji			
Sciences and	Quality in Marine Products	]	Professor A	OKI Takahiko	Associate Professor	OKAZAKI Fumiyosh	ni		
Chemistry	Marine Food Chemistry	]	Associate Professor SI	HIBATA Toshiyuki					
	Biological Oceanography		Professor IS	SHIKAWA Akira	Assistant Professor	TAGUCHI Kazunori			
	···· Fish Physiology	<u>_</u>	Professor K	OHBARA Jun	Associate Professor	MIYAZAKI Taeko			
	···· Phycology	<u> </u>	Associate Professor KI	URASHIMA Akira					
Marine	Shallow Sea Aquaculture	<u> </u>	Professor M	MATSUDA Hirokazu	Professor	TSUTSUI Naoaki	Assistant Professor	YAMAMOTO Kosuke	
Biology	···· Fish Diseases	<u> </u>	Professor IS	SSHIKI Tadashi					
[Faculty]	··· Fish Stock Enhancement	<u> </u>	Professor Y		Associate Professor YODO Taig	Associate Professor  MORISAKA Tada	amichi	Associate Professor FUNASAKA Noriko	
Department of Marine	···· Marine Ecology	<u> </u>	Professor KI	IMURA Taeko					
Bioresources	··· Aqua Genetics	<u> </u>	Professor K	OMARU Akira	Assistant Professor	HOUKI Shouji			
	Molecular Ecology of Aquatic Animals	<u> </u>	Professor K	AWAMURA Kouich					
	Fish Population Dynamics	<u> </u>		ARADA Yasushi	Associate Professor	KANAIWA Minoru			
	···· Fisheries Ethology	<u> </u>	Associate Professor M	IORIKAWA Yoshita	ka				
	Applied Marine Informatics  * belongs to the Graduate Sc	]	1 10100001	KABE Takumi					

<sup>\*</sup> belongs to the Graduate School of Regional Innovation Studies \*\* belongs to the Faculty of Center for General Education

#### Affiliated Facilities Administration Division

V:: Vahia		Farm Station		Professor NAGASUGA Kiyos	ni	Professor OKUDA Hitoshi	Associate Professor MISHIMA Takashi		
Kii-Kuroshio Bio-regional Field Science Center		Forest Station	orest Station Associate NUMAMOTO Shinya		Associate FUCHIGAMI Yuki				
Science Center	Science CenterF		[	Professor MATSUDA Hirokazu		Associate OKABE Takumi	Assistant Professor YAMAMOTO Kosuke		
Training Ship "SEISUI MARU"			[	Associate Professor (Captain) MAEKAWA Yoichi		Assistant Professor (Chief Officer) NAKAMURA Tor	u		
Cetacean Research Center			[	Professor YOSHIOKA Motoi	Assoc	ciate ssor MORISAKA Tadamichi	Associate Professor FUNASAKA Noriko		

Special Staff

Visiting Professor OKUMURA Katsuzumi

Specially Appointed Associate Professor Thalagala Arachchige Tharanga Piyamali Thalagara

Specially Appointed Associate Professor Jagath Siri Kularatne

Visiting Staff

Cooperation Program between the "National Agriculture and Food Research Organization, Institute of Vegetable and Floriculture Science", "Forest Research and Management Organization, Forestry and Forest Products Research Institute", "Japan Fisheries Research and Education Agency, Fisheries Technology Institute", "Taiyo Kagaku Co., Ltd." and the Graduate School

Majors	Chairs	Laboratories	Position/Name
Agrobiology	Institute of Vegetable and Floriculture Science, NARO	Vegetable Genomics and Breeding	Cooperative Professor IIDA Hiroyuki, NUNOME Tsukasa Associate KAWAZU Youichi, KAKIZAKI Tomohiro
Forest Resources	Kansai Research Center, Forestry and Forest Products Research Institute	. Nature and Coexistence	Cooperative Professor KANZAKI Natsumi Professor Cooperative Associate OGASA Mayumi
and Environmental Science	Department of Wood Properties and Processing, Forestry and Forest Products Research Institute	Wood Science and Technology	Cooperative Professor ABE Hisashi Associate FUJIMOTO Kiyohiko, SUGIYAMA Masaki, TOBA Keisuke
Biochemistry and Biotechnology	Taiyo Kagaku Co.Ltd	Food Function	Cooperative OKUBO Tsutomu, OZEKI Makoto
Marine Biology	Japan Fisheries Research and Education Agency, Fisheries Technology Institute	Developmental and Metabolism Biology	Cooperative Professor MASAOKA Tetsuji, OKAMOTO Hiroyuki Associate Associate MURASHITA Koji Professor

## Number of Students

As of May 1st, 2022

Faculty/Graduate School		1st Year			2nd Year					3rd	Year		4th Year				Total										
		* Ad.	Number Registered			Ad.	Number Registered			Ad.	Number Registered		Ad.	Number Registered			Ad.	Number Registered									
		Cap.	М	F	Total	Cap.	М	F	Total	Cap.	М	F	Total	Cap.	М	F	Total	Cap.	М	F	Total						
	Department of Sustainable Resource Sciences	70	40	34	74	70	42	32	74	73(3)	39	36	75	73(3)	50	29	79	286(6)	171	131	302						
Faculty of	Department of Environmental Science and Technology	70	49	25	74	70	51	21	72	73(3)	51	25	76	73(3)	62	24	86	286(6)	213	95	308						
Bioresources	Department of Life Sciences and Chemistry	80	30	53	83	80	32	51	83	82(2)	32	49	81	82(2)	41	52	93	324(4)	135	205	340						
	Department of Marine Bioresources	40	29	12	41	40	29	13	42	42(2)	29	12	41	42(2)	29	13	42	160(4)	116	50	166						
	Total	260	148	124	272	260	154	117	271	270(10)	151	122	273	270(10)	182	118	300	1060(20)	635	481	1116						
Graduate School of	Master's Program	88	66	33	99	88	50	35	85									176	116	68	184						
Bioresources	Doctoral Program	12	12	1	13	12	9	6	15	12	6	4	10					36	27	11	38						
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\*Admission Capacity

Numbers in parentheses show incorporated admission capacity



### **Number of Graduates**

As of Mar.31st, 2022

Classification	Term (Academic year)	Number of graduates
Mie Higher Agricultual and Forestry School	1924~1942	1,931
Mie Agricultual and Forestry College	1944~1951	1,627
Mie University, Faculty of Agriculture	1952~1992	6,978
Mie Prefectural University, Faculty of Fisheries	1953~1974	995
Mie University, Faculty of Fisheries	1975~1992	944
Mie University, Faculty of Bioresources	1991~2021	8,381
Graduate School of Agriculture (Master Course)	1967~1988	378
Graduate School of Fishries (Master Course)	1977~1988	107
Graduate School of Bioresources(Master Course)	1989~1992	152
(Master's Program)	1992~2021	2,847
(Doctoral Program)	1993~2021	440 (Including Dissertation Doctors)
Special Course of Agriculture	1951~2008	609



				As
Universities	Countries & Regions	Concluded	Universities	Countries & Reg
Jiangsu University	China	Jan.15th, 1986	King Monqkut's University of	Thailand
Chiang Mai University	Thailand	Aug.22nd, 1989	Technology Thonburi*	mananu
Guangxi University	China	Apr.21st, 1995	University of Haluoleo	Indonesia
Pukyong National University*	Republic of Korea	Sep.22nd, 1995	Universitas Padjadjaran	Indonesia
Shanghai Ocean University	China	Oct.16th, 1995	Universidad Nacional Agraria La Molina	Peru
Jiangnan University	China	Mar.30th, 1998	Fiji National University	Fiji
Kasetsart University	Thailand	Dec.23rd, 1999	University of the South Pacific	Fiji
Suranaree University of Technology	Thailand	Sep.8th, 2000	Can Tho University	Vietnam
IPB University	Indonesia	Sep.24th, 2001	National Sun Yat-sen University	Taiwan
Thammasat University	Thailand	Feb.27th, 2004	University of Zambia	Zambia
Bangladesh Agricultural University	Bangladesh	Mar.15th, 2004	Universiteit Gent*	Belgium
Universiti Putra Malaysia	Malaysia	Sep.19th, 2006	Jeju National University	Republic of Ko
Sriwijaya University	Indonesia	Nov.6th, 2007	Pathein University*	Myanmar
Nanjing Tech University	China	Jul.7th, 2008	Universiti Malaysia Terengganu	Malaysia
Anhui Agricultural University	China	Oct.21st, 2008	Central Luzon State University*	Philippines
Maejo University	Thailand	Mar.31st, 2009	National Taiwan Ocean University	Taiwan
			th O-11-bti	

<sup>\*</sup>Collaborative activities with the Faculty/Graduate School of Bioresources.

## Number of International Students

As of May 1st, 2022

As of Apr.1st, 2022

Oct.20th, 2009

Jul.23rd, 2010

Feb.24th, 2012 Aug.23rd, 2013

May 5th, 2014

May 6th, 2014

Sep.12th, 2014

Nov.4th, 2014

Nov.11th, 2014

Sep.14th, 2015

Aug.1st, 2018

	Faculty of Bioresources						
Countries	Dagras Students	Non-Degree	Master 's	Program	Doctoral Program		Total
	Degree Students	Students	Degree Students	Non-Degree Students	Degree Students	Non-Degree Students	
China		1	4	2	7		14
Indonesia			1	1	3		5
Malaysia			2		1		3
Philippines			2		1		3
Egypt			1		1		2
Korea	1	1					2
Bangladesh					1		1
Others		1	3		4		8
Total	1	3	13	3	18		38



### Asahidoboku Co. Ltd. Scholarship

In the year 2014, a scholarship fund was raised by the donation of

"Asahidoboku Co. Ltd." which ran general construction industry and recycling business of the construction by-product. Actually it was aimed to non-returnable financial support to the international students. In addition, one can apply even if he or she is receiving scholarship from any other organization.

ł	Amount	600,000yen (for a year)
	Term	Two years
1		To economically support to the excellent students who have intention to engage in researches or projects related to agriculture and civil engineering in the future.
<u> </u>	No. of persons	One person (*Note below)
,	Target	An international student enrolled at the Graduate School (1st year of Master's Program)
r	Application	In April

\*\*Contact the office for Graduate School of Bioresources about applying for this scholarship

# 12

### **Research Expenditures**

Grant-in-Aid for Scientific Research(Unit: 1.000ven)

As of Mar.31st, 2022

Subject for 2017 Academic Year 2018 Academic Year 2019 Academic Year 2020 Academic Year 2								.5131, 2022		
Subject for				demic Year					2021 Acad	
Research	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Grant-in-Aid for Scientific Research on Innovative Areas			1	1,600	2	18,100	2	28,500	2	40,100
Grant-in-Aid for Scientific Research (A)	1	6,100			1	8,700	1	9,200	1	6,600
Grant-in-Aid for Scientific Research(B)	5	21,400	6	21,400	8	31,600	11	45,200	11	42,000
Grant-in-Aid for Scientific Research(C)	28	35,500	33	36,600	33	34,100	32	36,000	31	31,400
Grant-in-Aid for Challenging Research (Pioneering)			1	5,400	1	9,000	1	4,400		
Grant-in-Aid for Challenging Research (Exploratory)(Including Grant-in-Aid for Challenging Exploratory Research)	8	9,800	6	11,500	5	9,000	4	5,100	2	3,900
Grant-in-Aid for Young Scientists (A)	1	1,300	1	1,800	1	1,800	1	1,100		
Grant-in-Aid for Young Scientists (Including Grant-in-Aid for Young Scientists(B))			3	2,400	5	6,000	5	4,600	9	11,000
Grant-in-Aid for Reseach Activity Start-up	1	1,100	2	1,900						
Grant-in-Aid for Publication of Scientific Research Results										
Grant-in-Aid for JSPS Fellows	2	2,300	3	2,700	4	3,600	2	1,900		
Total	46	77,500	56	85,300	60	122,200	59	136,000	56	135,000

#### Collaborative Research (Unit:1,000yen)

As of Mar.31st, 2022

	2017 Academic Year	2018 Academic Year	2019 Academic Year	2020 Academic Year	2021 Academic Year
Number	81	112	117	98	101
Amount	47,387	77,010	66,566	63,170	59,185

#### Contracted Research (Unit:1,000yen)

As of Mar.31st, 2022

		2017 Academic Year	2018 Academic Year	2019 Academic Year	2020 Academic Year	2021 Academic Year
1	Number	40	45	44	48	49
	Amount	89,818	94,023	98,124	126,083	228,194

#### Grants and Endowments(Unit:1,000yen)

As of Mar.31st, 2022

	2017 Academic Year	2018 Academic Year	2019 Academic Year	2020 Academic Year	2021 Academic Year
Number	49	58	62	56	53
Amount	39,784	41,182	40,415	27,384	32,791

# 13

### Kii-Kuroshio Bio-regional Field Science Center

This center is independently or jointly pursuing practical education and applied research on the coexistence of human life and nature with in the ecosystems ranging from the Kii Peninsula to the Kuroshio Current.

### Kii-Kuroshio Bio-regional Field Science Center Related Organizations



### Farm Station

The experimental farm is located about 9.5km northwest from the main campus of the university. The total area of the farm is 35ha including fields for rice, crops, vegetables, pastures and orchards. There are several greenhouses for some vegetables and flowers, and facilities for cattle and experimental ruminant animals. There are also facilities for the study of processing of agricultural products. These field, animal, and crop processing facilities are being utilized by both research staff for field science and for laboratory studies, and by faculty staff who are responsible for the farming of undergraduate students.



Farm Station

### Forest Station

The experimental forest, about 457ha in area, is located about 60km southwest of the university. Natural forests, about 60 percent in area, represent the typical plant ecosystem in the northern parts of the Kii Peninsula. Forests and the lodging house are open to the public and used widely for research and education.



Forest Station, office and accommodation for student

### Fisheries Research Laboratory

Fisheries Research Laboratory is located on the west side of Ise Bay's mouth with a rich ecosystem and fisheries resources. The laboratory provides appropriate opportunities and facilities for students to learn about fishery science and the biology of plankton, algae, invertebrates and fishes. In the laboratory, the faculty staff and graduate students research the population ecology of aquatic resources, data science of fisheries, and effective utilization of fisheries products.



Fisheries Research Laboratory

# 4 Training Ship "SEISUI MARU"

The ship provides educational and research facilities for student practice and research activities of both the faculty staff and students. In January 2009, it was

built, and equipped with new electric nautical marine research instruments.



Ship's Name	SEISUI MARU
Gross Tonnage (G/T)	318 tons
Gross Tonnage (International)	491 tons
Length	50.90 m
Breadth (Molded)	8.60 m
Depth (Molded)	3.75 m
Main Propulsion Motor	1,000 kW
Sea Speed	10.0 Kt.
Cruising Distance	3,500 miles
Complement	44 P
Date of Building	Jan. 2009
Dockyard	Mitsubishi Heavy Industries, Ltd., Shimonoseki

Training Ship "SEISUI MARU

# 5 Cetacean Research Center (CRC)

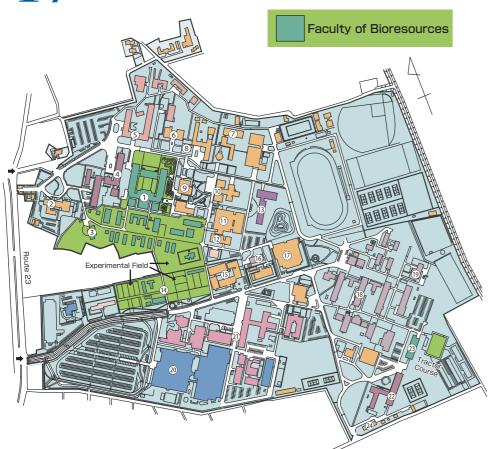
Cetacean Research Center was established in December, 2016 to study reproductive biology and ecology of cetaceans in captivity and in the wild. CRC is the Integrated Research Building II.

# 16 Sansui Kaikan

Sansui Kaikan, which was built in August 1936, is the oldest building on the Kamihama campus and has been registered as a cultual asset. This building, once managed as an accommodation for visiting lecturers and other visitors and supported by donations from graduates of the former Mie Higher Agricultual and Forestry School, is currently being utilized for meetings and other benefical purposes.



## 7 Map of Facility Arrangement



- 1. Faculty of Bioresources
- 2. Administration Bureau
- 3. Sansui Kaikan
- 4. Integrated Research Building II
  (Organization for Student Affairs, Center for
  International Education and Research,
  Center for Physical & Mental Health)
- 5. Faculty of Education
- Center for Future Teachers and School Support
- 7. Center for General Education
- 8. Center for Mathematical and Data Science
- 9. Cafeteria
- 10. Mie Environmental & Informational Platform (MEIPL)
- 11. University Library
- 12. Center for Information Technologies and Networks
- 13. Faculty of Humanities, Law and Economics
- 14. Experimental Watertanks
- Graduate School of Regional Innovation Studies
- 16. Open Innovation Facilities
- 17. Auditorium (Sansui Hall)
- 18. Faculty of Engineering
- 19. Research Institutes for Excellence
- 20. University Hospital
- 20. University Hospita
- 21. Faculty of Medicine
- 22. Integrated Research Building I
  23. Experimental Facility for
- Manufacturing Marine Food
- 24. Raymond Hall

# 2 Land and Buildings

10		As of May1st, 2022
Classification	Land	Buildings
Faculty of Bioresources	$\langle$ 528,040 m <sup>2</sup> $\rangle$	32,529 m <sup>2</sup>
Kii-kuroshio Bio-regional Field Science Center Farm Station Forest Station Fisheries Research Laboratory	353,179 m <sup>2</sup> 4,569,562 m <sup>2</sup> 1,298 m <sup>2</sup>	7,598 m <sup>2</sup> 1,421 m <sup>2</sup> 606 m <sup>2</sup>
Training Ship "SEISUI MARU" Training Ship Base	1,356 m <sup>2</sup>	574 m²
Total	5,453,435 m <sup>2</sup>	42,728 m <sup>2</sup>

 $\langle \ \rangle$  : Kamihama Area

# 19 Addresses

Name	Post Code	Mailing Address	Telephone Number	FAX Number
Faculty of Bioresources	514-8507	1577 Kurimamachiya-cho, Tsu-city	+81-59-231-9626	+81-59-231-9634
Kii-Kuroshio Bio-regional Field Science Center	514-2221	2072-2 Takanoo-cho, Tsu-city	+81-59-230-0044	+81-59-230-1463
Farm Station	514-2221	2072-2 Takanoo-cho, Tsu-city	+81-59-230-0044	+81-59-230-1463
Forest Station	515-3532	2735 Kawakami, Misugi-cho, Tsu-city	+81-59-274-0135	+81-59-274-1171
Fisheries Research Laboratory	517-0015	641-9 Ohama-cho, Toba-city	+81-599-37-7310	+81-599-37-7311
Training Ship "SEISUI MARU"		(Matsusaka Port Telephone) (Auto Shipping Telephone)	+81-598-50-1066 +81-90-3022-8767	+81-598-50-1066 +81-3-6888-6079
Training Ship Base	515-0001	1819-18 Ookuchi-cho, Matsusaka-city	+81-598-51-0710	+81-598-51-8849
Cetacean Research Center	514-8507	1577 Kurimamachiya-cho, Tsu-city	+81-59-231-6979	_

# Location Map of Mie University

#### Access Routes to Mie University



- 1 By bus from Tsu Station
   Bus stop No.4.
   Take bus route 06,51,52,53 or 56.
   The nearest bus stops:
   "Mie Daigaku Mae " to Faculty of Bioresources
- ② By taxi from Tsu Station (ca.10min)
- On foot from Edobashi Station (ca.15min)
- By Tsu Airport Line (Speed Boat) from Central Japan International Airport (Centrair) to Nagisamachi (Tsu-city Marina) (ca.45min)
- ① By bus from Nagisamachi to Tsu Station (ca.15min) ② By taxi from Nagisamachi to Tsu Station (ca.10min)

