

**Prospectus of Supervisor's Specialization field in Doctoral Course
Applied Marine Biosciences**

Course	Specialization field	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaivodai.ac.jp)
Applied Marine Biosciences	Applied Bioscience	Advanced Fish Physiology	YOSHIZAKI Goro	goro
		Advanced Fish Physiology	YAZAWA Ryosuke	ryazawa
		Advanced Aquatic Pathology	KATO Goshi	gkato00
		Advanced Aquatic Animal Nutrition and Aqua-feed Development	HAGA Yutaka	haga
		Advanced Aquatic Animal Nutrition and Aqua-feed Development	KABEYA Naoki	naoki.kabeya
		Advanced Fish Culture	SAKAMOTO Takashi	takashis
		Advanced Fish Culture	ENDO Masato	asteroid
		Advanced Applied Phycology	NIWA Kyosuke	kniwa00
		Advanced Population Biology	YOKOTA Masashi	yokota
		Advanced Population Biology	YAMAMOTO Yoji	yyamam0
		Advanced Stock Enhancement Biology	DAN Shigeki	sdan
		Advanced Theory of Fish Population Analysis	KITAKADO Toshihide	kitakado
		Advanced Fish Behavior Dynamics	AKIYAMA Seiji	akiyama
		Advanced Fishing System Technology	SHIODE Daisuke	shiode
	Advanced Food Science and Technology	Advanced Food Physical Chemistry	TAKAHASHI Kigen	kigen
		Advanced Chemistry of Functional Food	KOYAMA Tomoyuki	tskoyama
		Advanced Food Microbiology	KUDA Takashi	kuda
		Advanced Food Microbiology	TAKAHASHI Hajime	hajime
		Advanced Food Chemistry	GOTOH Naohiro	ngotoh
		Advanced Thermal Processing of Food	FUKUOKA Mika	fukuoka
		Advanced Thermal Processing of Food	LLAVE Perez Yvan Antonio	pllave1
		Advanced Food Processing Design	HAGIWARA Tomoaki	tomoaki
		Advanced Food Processing Design	SHIBATA Mario	mshiba0
		Advanced Food Refrigeration Technology	WATANABE Manabu	mwat
	Advanced Chemistry of Food Quality Designing	OSAKO Kazufumi	osako	
	Applied Bio-Engineering	Advanced Genome Science	HIRONO Ikuo	hirono
		Advanced Genome Science	KONDO Hidehiro	h-kondo
		Advanced Genome Science	KOIWAI Keiichiro	koiwai
		Advanced Fish Health Management	FUTAMI Kunihiko	futami
		Applied Microbiology	KOBAYASHI Takeshi	takeshik
Applied Microbiology		HAMADA Naoko	hsnaoko	
Comprehensive Risk Management in Food Supply Chain		HAMADA Naoko	hsnaoko	
Comprehensive Risk Management in Food Supply Chain		INOUE Izumi	iinoue0	
Comprehensive Risk Management in Food Supply Chain	NAGAI Yukie	ynag001		

Applied Marine Environmental Studies

Course	Specialization field	Special Subject	Name of Supervisor	Contact E-mail Address (...@kaiyodai.ac.jp)
Applied Marine Environmental Studies	Marine Ecosystem Studies	Advanced Phycology	KAMIYA Mitsunobu	mkamiy0
		Advanced Planktology	KATANO Toshiya	tkatan0
		Advanced Planktology	MIYAMOTO Hiroomi	hmiy001
		Aquatic Ecochemistry	KAMIO Michiya	mkamio
		Advanced Marine Biochemistry	OKAI Masahiko	mokai01
		Advanced Applications of Biological Functions	WU Haiyun	wuhaiyun
		Advanced Chemical Oceanography	KAWAI Michiyo	michiyo
		Advanced Organic Geochemistry	YAMANAKA Toshiro	t.yamanaka
		Advanced Fish Biology	MOTEKI Masato	masato
		Advanced Invertebrate Biology	KON Koetsu	kon
		Advanced Population Ecology	SUZUKI Naoki	naoki
	Advanced Cetacean Ecology	MURASE Hiroto	hmuras0	
	Ocean Science and Technology	Physical Oceanography	KITADE Yujiro	ykitade
		Physical Oceanography	MIZOBATA Kohei	mizobata
		Physical Oceanography	TANAKA Yuki	ytan002
		Advanced Data Analysis for Ocean Science	SHIMADA Koji	koji
		Advanced Nearshore Environmental Engineering	INAZU Daisuke	dinazu0
		Advanced Marine and Fishery Mechanics	TODA Masayoshi	toda
		Applied Information System Engineering	UCHIDA Keiichi	kuchida
		Special Lecture on Mathematical Engineering for Marine	UENO Kimihiko	ueno
		Statistical Methods in Marine Engineering	HIRATA Hidetaka	hhir001
		Lecture on Statistical Methods for Marine Engineering	KOBASHI Fumiaki	kobashi
		Advanced Ocean Floor Geoscience	NAKAHIGASHI kazuo	knakaho
		Advanced Marine Geotechnics	TAKAHASHI Hidenori	htak001
		Advanced Marine Geotechnics	NOMURA Shun	nomura.shun
		Electronic Device Engineering	IDA Tetsuya	tida000
		Ocean Physical and Ecosystem Dynamics	NAGAI Takeyoshi	tnagai
	Environmental Mathematical Analysis	NAKASHIMA Kimie	nkimie	
	Advanced Marine Observation System	AMAKASU Kazuo	amakasu	
	Advanced International Marine Management	FUCHIDA Shigeshi	sfuc001	
	Advanced chemistry of marine energy resources	KOBAYASHI Atsushi	akob001	
	Applied Ocean Engineering	Intelligent Ocean Robotics	KONDO Hayato	hkondo
		Route Design Engineering	TAMARU Hitoi	tamaru
		Satellite Positioning System	KUBO Nobuaki	nkubo
		Optimal Guidance and Control of Marine Vehicles	OKAZAKI Tadatsugi	okazaki
		Engineering on Offshore Structure	MASUDA Mitsuhiro	masuda
Advanced Lecture on Marine Safety Management		MINAMI Kiyokazu	minami	
Man-Machine System		UCHINO Akiko	uchino	
Measuring in Ocean		MURAI Koji	kmurai0	
Knowledge and Information Systems		FURUYA Tadasuke	tfuruya	
Advanced Navigation Support System	NISHIZAKI Chihiro	cnishi0		
Logistics Engineering	Physical Distribution Engineering	KUROKAWA Hisayuki	kurokawa	
	Advanced Algorithms for Logistics	HASHIMOTO Hideki	hhashi0	
	Advanced Applied Analysis	TAKENAWA Tomoyuki	takenawa	
	Advanced Mathematical Informatics	SEKIGUCHI Yoshiyuki	yoshi-s	
	Advanced Topics in Discrete Mathematics	MOTEGI Kohei	kmoteg0	
	Advanced Spatial Information Engineering	WATANABE Daisuke	daisuke	
	Industrial Organization and Policy in Transport Sector	ENDO Nobuaki	nendo	
	Advanced Industrial Organization	OKUMURA Yasunori	yokumuo	
	Advanced Transportation System Planning	SAKAI Takanori	tsakai2	
Advanced Statistical Science	TANOUE Yuta	ytan001		

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Applied Marine Environmental Studies	Marine Machinery and Systems	Advanced Robotics	SHIMIZU Etsuro	shimizu
		Marine System Control Engineering	KOIKE Masakazu	mkoike0
		Environment Energy Engineering	HAZUKU Tatsuya	hazuku
		Environment Energy Engineering	IHARA Tomonori	ihara
		Material Surface Engineering	JIBIKI Tatsuhiro	jibiki
		Advanced Molecular Device	OHNUKI Hitoshi	ohnuki
		Micro-Nano Engineering	TANAKA Kentaro	kentaro
		Mathematical System Design Engineering	TAHARA Junichiro	jtahar0
		Functional Material Engineering	FUJITA Wataru	wfujit0
		Atmospheric Radiation	SEKIGUCHI Miho	miho
		Machine Functional Element Engineering	FUJINO Toshikazu	tfujin0
		Heat transport phenomena	JIGE Daisuke	djige00
		Structural Materials Engineering	MORITA Motoaki	morita
		Power Electronics	KIFUNE Hiroyasu	kifune
	Information and Communication Control Engineering	OHSIMA Kohta	kxoh	
	Industrial Policy and Culture	Advanced Methodology for Wise Use of Coastal Area	KUDO Takafumi	kudot
		Human Adaptation	CHIASHI Koichi	chiasi
		Human Adaptation	FUJIMOTO Koichi	kfujim1
		Ecocriticism	KOGURE Shuzo	skogure
		Ecocriticism	HIDAI Haruko	h-hidai
		Ecocriticism	OHNO Misa	misa
		Advanced Study of Aquatic Marine Environmental Education	SASAKI Tsuyoshi	t-sasaki
		Risk Communication in Food Supply Chain	OGAWA Mikako	mogawa
		Social Studies of Science	KAKIHARA Yasushi	ykakihar
		Social Studies of Science	HAGIWARA Yuki	yhagiw0
		Business Management in Marine Industry	NAKAHARA Naotomo	nakahara
Advanced Study of Marine Economic History		TAKAHASHI Chikashi	ctakah0	
Study of Regional Development Economics	OISHI Taro	toishi0		
International Fishery Management	MATSUI Takahiro	tmatsu2		
Marine Sociolinguistics	IMAMURA Keisuke	kimamu0		