

Implementation of International Linkage Program on Tropical Fisheries (Host)

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1. Over seas training at KUFF (background)
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Kagoshima University



8 Faculties

Center for General Education

10 Graduate schools

10,000 students (300 foreign students)

2,000 graduate students

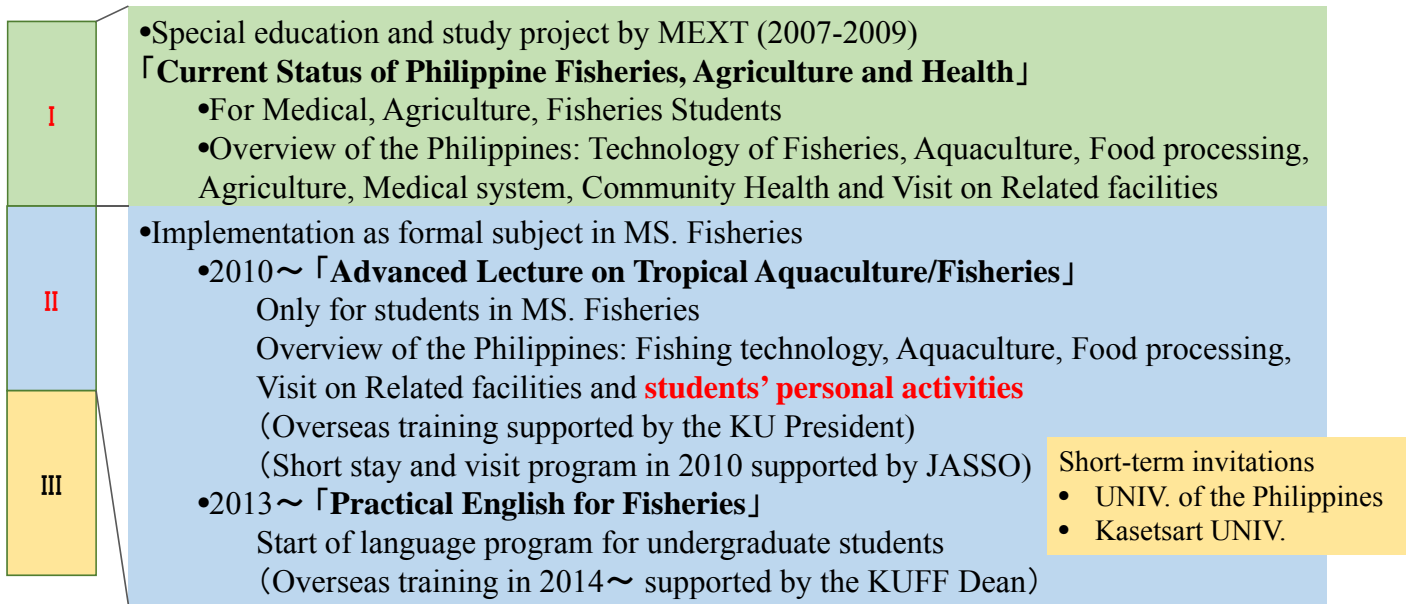
Staff 2,500

Faculty of Fisheries

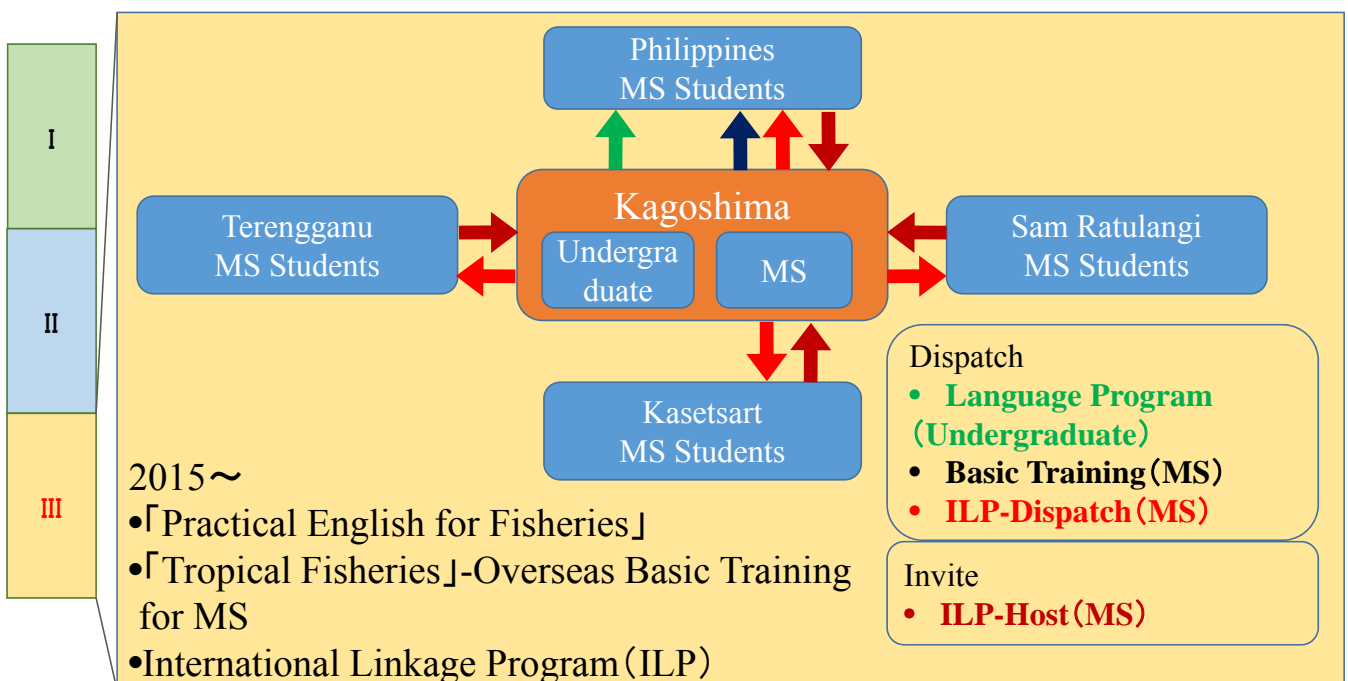
- Regular Course Education
- Recurrent education
 - Japan International Cooperation Agency (JICA)
 - Overseas Fishery Cooperation Foundation of Japan (OFCF)

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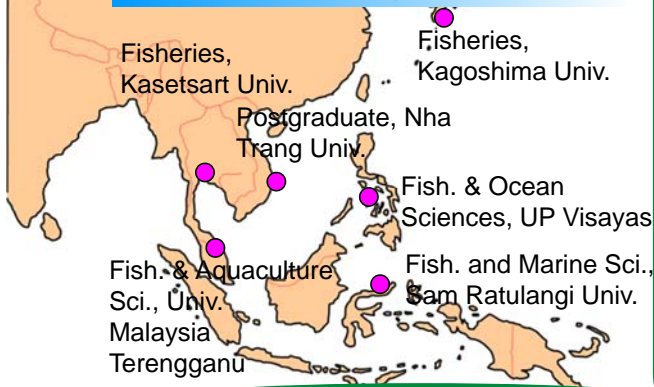
Overseas trainings at KUFF (background 1/2)



Overseas trainings at KUFF (background 2/2)



Postgraduate Programme (Master) on Tropical Fisheries with International Linkage (ILP)



Approaches in the Programme

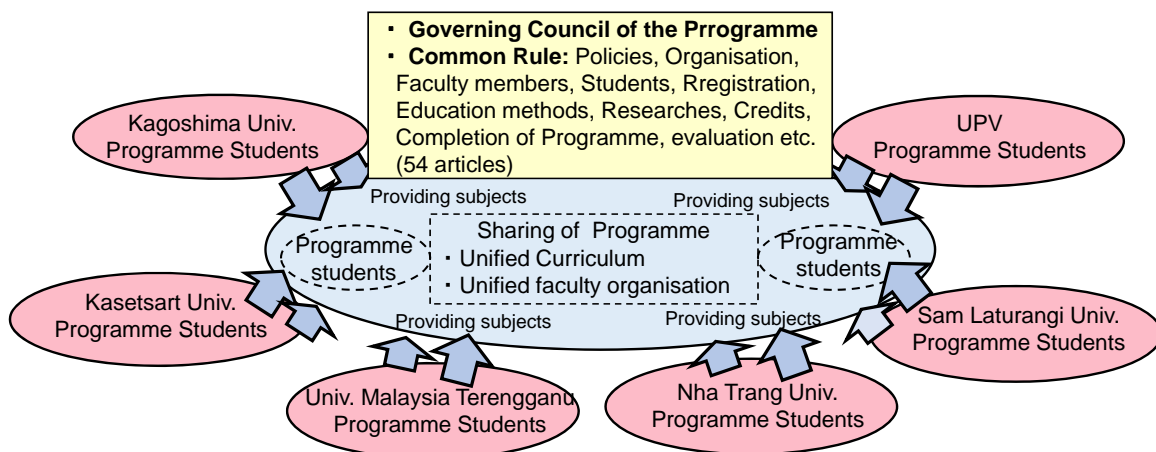
- A system to share curriculum, faculty members and students under an unified Common Rule and Governing Council was developed.
- Member schools provide subjects of characters and forte to formulate the curriculum and conduct attractive and high-quality education.
- Students registered for the Programme can study at any universities and obtain credits.
- Man-power contributable to globalising societies are developed through mutual studies.
- A quality assurance model of international compatibility in education where member universities can learn to each other and improve own system is proposed.

Programme Formulation Process

- May 2012 A plan of Postgraduate education Linkage was proposed.
 - Feb. 2013 Cooperative study on differences in relevant laws and regulations and university constitutions in member school countries started.
 - Jun. 2013 Planning Committee was established to compile Common Rule and curriculum.
 - Aug. 2014 MOU of Postgraduate Programme with International Linkage was concluded.
 - Dec. 2014 Univ. Malaysia Terengganu joins the Programme.
 - April 2015 Student exchange started.
 - Feb. 2016 Nha Trang Univ. joins the Programme.
- ILP is now run by six schools.

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System for sharing the Programme



- (1) All the provided subjects are shared, then each member school assume all the Programme subjects as own subjects.
- (2) All the faculty members are mutually appointed as visiting professors etc. then each member school assume all the Programme faculty members as own teaching staff.
- (3) Then all the Programme students can take any subjects and gain credits.

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Faculty members and subjects (1/2)

Schools	Faculty members	Subjects (Credit)	Students
School of Fisheries and Marine Science, Sam Ratulangi University (Indonesia)	31	14 (38)	5
School of Fisheries, Kagoshima University	41	18 (28)	10
School of Fisheries and Aquaculture Sciences, Malaysia University of Terengganu	31	11 (33)	5
College of Fisheries and Ocean Sciences, University of the Philippines Visayas	14	14 (39)	5
School of Fisheries, Kasetsart University (Thailand)	43	17 (51)	5
Faculty of Graduate Studies, Nha Trang University (Vietnam)	22	20 (38)	5

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Faculty members and subjects (2/2)

CVs of all faculty members and syllabi of all subjects are submitted to the Governing Council and have to be endorsed for education quality assurance.

(1) Programme faculty members

- To be PhD holders
- To be appointed to a visiting professor



(2) Subjects

- Studies with contents requiring study for 45 hours including 15 times of classes 1 credit point.

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System for sharing the Programme (continuation-)

1. Student-A (Kagoshima)			2. Student-B (Kagoshima)		
Sub.	Provide-UNIV	Awarded	Sub.	Provide-UNIV	Awarded
Sub.1	Kagoshima	Kagoshima	Sub.1	Kagoshima	Kagoshima
Sub.3	Kasetsart	Kagoshima	Sub.6	Kagoshima	Kagoshima
Sub.5	Kasetsart	Kagoshima	Sub.7	Philippine	Kagoshima
Sub.6	Kagoshima	Kagoshima	Sub.9	Philippine	Kagoshima
...	.....	Kagoshima	...	.....	Kagoshima
3. Student-C (Philippines)			3. Student-D (Philippines)		
Sub.	Provide-UNIV	Awarded	Sub.	Provide-UNIV	Awarded
Sub.1	Kagoshima	Philippine	Sub.3	Kasetsart	Philippine
Sub.6	Kagoshima	Philippine	Sub.5	Kasetsart	Philippine
Sub.7	Philippine	Philippine	Sub.7	Philippine	Philippine
Sub.9	Philippine	Philippine	Sub.9	Philippine	Philippine
...	.....	Philippine	...	.....	Philippine

- A, B and C co-study in Kagoshima.
- A and C co-study in Kasetsart.
- B, C and D co-study in the Philippines.

- C studies as counterpart student for B in the Philippines.
- B studies as counterpart student for C at Kagoshima<=Basic training in the Philippines)

- D is not interested in taking the subjects in Kagoshima.
- A and B share experiences in a presentation in Kagoshima.
- C and D share experiences in a presentation in the Philippines.

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Requirements to complete the Programme

- Obtain 24 credits or more from taking subjects of course work and 6 credits or more from supervised research and a degree thesis
- Obtain 12 credits or more from the Program subjects (obtain 6 credits or more from the Program subjects offered by the members school(s) other than the school where the students belong
- Submit a thesis and pass the final examination

Improvements at Kagoshima University

- Changes in academic calendar: Introduction of quarter system and summer session
- Credit points awarded to supervised research
- Criteria to endorse master thesis
- Introduction of subjects taught in English

Sem	From	Period	1Y	2Y
Pre.	April~	8w	Ia	IIIa
		8w	Ib	IIIb
	Monday of the week including 8/18	4w	SS	
Lat.	October~	8w	IIa	IVa
		8w	IIb	IVb

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Implementation of International Linkage Program on Tropical Fisheries (Host)

- Hosting based on International Linkage Program (ILP)
- →Co-working with KUFF students registered on ILP
 - **Development of Tropical Fisheries...**
 - **Latest Analytical Biology ...**
 - **Experimental On-board Training...**
- Lab. Assignment according to major
 - Mini study & training with high quality analyzer
 - **Latest Analytical and Experimental Methods**
 - Information exchange with Lab. students
 - Understanding of different cultures by holding activities on holidays



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Subjects offered by Kagoshima University

Subjects	Semesters	Credits
Aquatic Sciences	Quarter Ia	2
Fishery Resource Sciences	Quarter Ia	2
Fishery Food Sciences	Quarter Ia	2
Fisheries Economics	Quarter Ia	2
Aquatic Environment Conservation	Quarter Ia	2
Fisheries and Fisheries Sciences	Quarter Ia	2
Latest Analytical Biology (Lab.)	S.S. Intensive	1
Latest Analytical Chemistry (Lab.)	S.S. Intensive	1
Latest Analytical Technology (Lab.)	S.S. Intensive	1
Latest Analytical Biochemistry (Lab.)	S.S. Intensive	1
Latest Analytical and Experimental Methods (Open)	Occasional	1
Development of Tropical Fisheries	S.S. Intensive	2

Subjects	Semesters	Credits
Current Issues in Fisheries	S.S. Intensive	2
Archipelagic Marine Biology	S.S. Intensive	2
Basic On-board Training	Occasional	1
General On-board Training	Occasional	1
Experimental On-board Training	Occasional	1
Internship	Occasional	2
Scientific Paper Reading and Comprehension II	Occasional	2
Practical English Training S	Semester I	2
Overseas Training on Tropical Fisheries	Intensive	2
18 subjects		28

Guidance	1-W	2-W	3-W	4-W	Wrap - up
SAT·SUN	M ~ T	F ~ S	M ~ T	F ~ S	M ~ T
					F ~ S
					1W +3D

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Number of students invited to Kagoshima

	Philippines	Kasetsart	Terengganu	Sam Ratulangi	Nha Trang	Total
2015	5	5	0	4	—	14
2014	0	5	—	—	—	5
2013	5	—	—	—	—	5
2012	4	—	—	—	—	4
2016 ?	5?	5?	5?	5?	5?	25?
Total	4	4	4	4	3	23
Support	3	3	3	3	3	18

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Production of manpower to contribute to fisheries food security in globalising societies

- Future
 - Reviews of
 - contents
 - schedule
 - Addition of organization
 - Number of countries
 - Number of branches in one country
 - Recruitment of overseas students under Formal Course
- Problems
 - Lodging
 - Enlargement of fields
 - Dispatching for out of KUFF
 - Travel support

- Activation of council meeting
- Self-sustainability between organizations
- Nodes-formation by present organizations
- Cooperation with domestic universities?

