



UMRAH
Universitas Maritim Raja Ali Haji

Prof. Dr. Syafsir Akhlus, M.Sc.

Rector

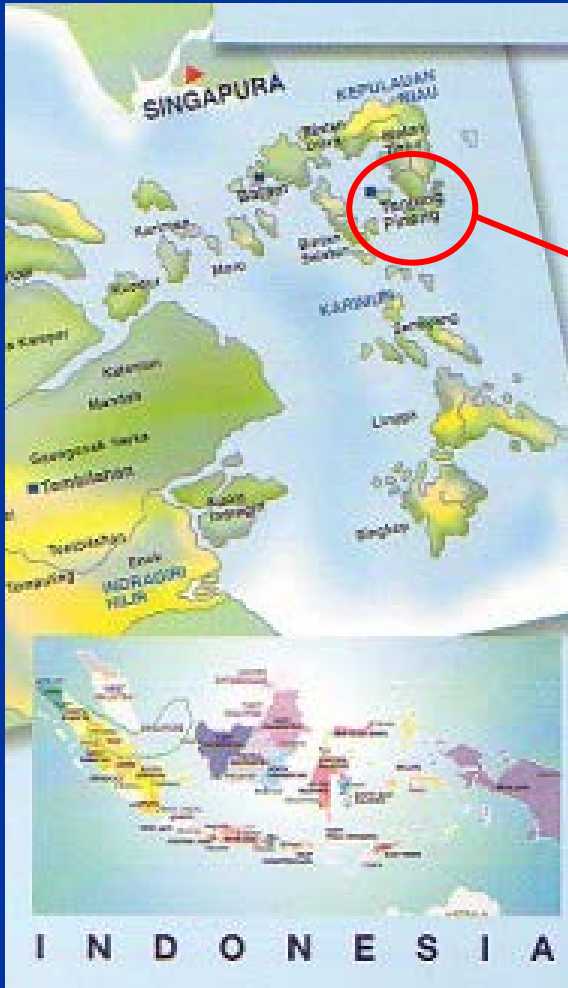
The 3th Japan-Indonesia Rector's Conference
Japan, 5-6 November 2015



UMRAH
 Universitas Maritim Raja Ali Haji
www.umrah.ac.id

*On Becoming a Leading Indonesian
 Maritime Based University*

WELCOME TO UMRAH....





OUTLINE:

1. *Establishment*
2. *Campus Site*
3. *Academic Profile*
4. *Faculties and Study Program*
5. *Student Activities*
6. *University Cooperations*
7. *Laboratory and Research Activities*



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*On Becoming a Leading Indonesian
Maritime Based University*



- Established as Private University in August 1, 2007
- Established as Public University in September 8, 2011





MISSION STATEMENTS:

- Holding a quality education both theory and practice to produce graduates that are reliable in Riau Islands province in particular and Indonesia in general ;
- Carry out research in various disciplines in general to contribute ideas to the local government in particular and government in general ;
- Implement application to discover new breakthroughs , new technologies in the field of maritime ; and
- Carry out community services through the application of appropriate technology to improve the welfare and quality of life.



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Faculties and Study Program

>Faculty of Engineering

- Department of *Electrical Engineering*
- Department of *Informatics Engineering*

>Faculty of Marine Science and Fisheries

- Department of *Marine Science*
- Department of *Aquatic Resource Management*
- Department of *Aquaculture*
- Department of *Fishery Product Technology*

>Faculty of Teaching and Education

- Department of *Indonesian Language Literature Education*
- Department of *English Education*
- Department of *Chemistry Education*
- Department of *Biology Education*
- Department of *Mathematics Education*

>Faculty of Economics

- Department of *Accounting*
- Department of *Management*

>Faculty of Social and Political Science

- Department of *Government Science*
- Department of *Public Administration Science*
- Department of *Sociology*
- Department of *Law Science*



Campus Site



Campus at Senggarang:

1. Faculty of Marine Science and Fisheries
2. Faculty of Engineering
3. Faculty of Economics
4. Faculty of Teacher Training and Education



Campus at Dompak:

1. Rectorate Office
2. Faculty of Social Science and Politics
3. Auditorium

Faculties and Study Program



Faculty of Teacher Training and Education

- Educational Literature and Indonesian
- Chinese Language Education
- French Education
- English Education
- Math Education
- Chemical Education
- Biology Education
- Physics Education



Faculties and Study Program



Faculty of Economics:

- Accounting
- Management



Faculty of Sosial Sciences and Politics:

- Public Administration Science
- Government Science
- Sosiology
- Legal Studies



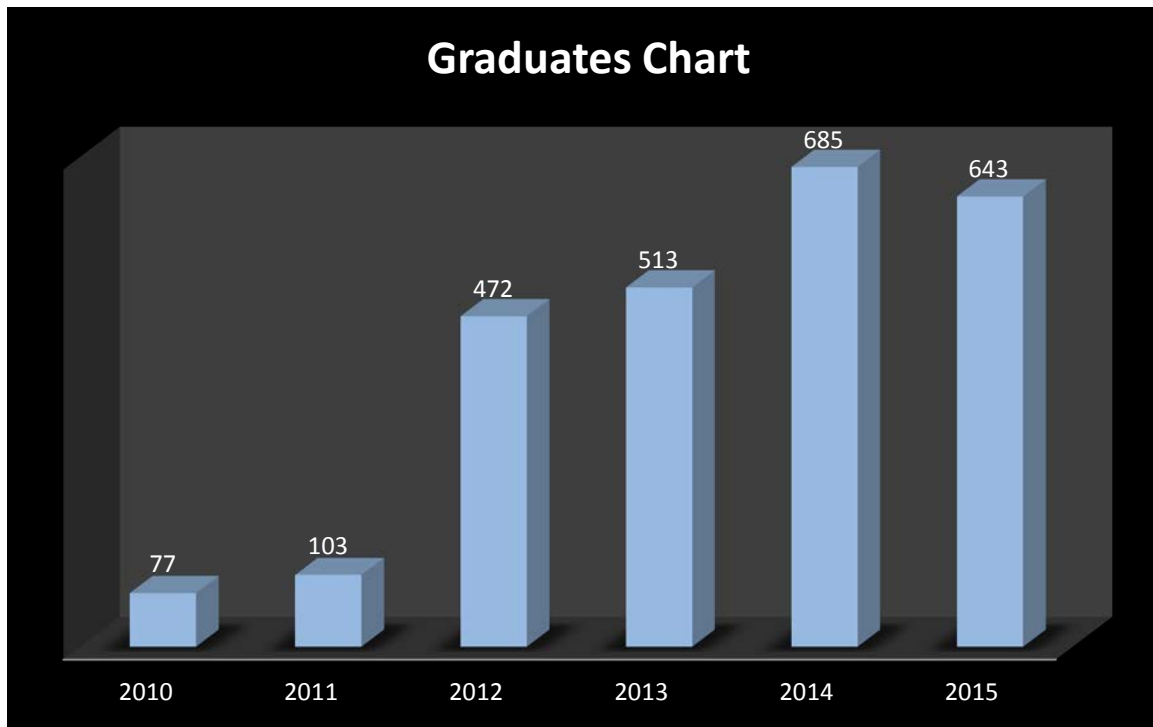
UMRAH Student Profile



- **Student acceptance 2015** : **1.120 persons**
- **Total Student body 2015-2016** : **5300 persons**
- **Graduates 2015** : **643 persons**



UMRAH Graduates in Year



UMRAH STUDENTS ACHIEVEMENTS 2010-2014



Kegiatan	Prestasi	Tahun	Nasional	Regonal	Internasional
OSN-PTI Matematika	Juara 1	2010	√		
OSN-PTI Kima	Juara 1	2010	√		
OSN-PTI Biologi	Juara 1 & 2	2010	√		
OSN-PTI Fisika	Juara 1	2011	√		
OSN-PTI Kimia	Juara 1	2011	√		
OSN-PTI Biologi	Juara 1	2011	√		
OSN-PTI Fisika	Juara 2	2011	√		
OSN-PTI Kimia	Juara 2	2011	√		
OSN-PTI Biologi	Juara 3	2011	√		
Jemputan pencak silat internasional oleh Universitas Pendidikan Sultan Idris Malaysia	Medali emas	2011			√
OSN-PTI Biologi	Juara 1	2012	√		
OSN-PTI Kimia	Juara 1	2012	√		
Lomba penulisan karya ilmiah	Juara 1	2012	√		
Pekan seni mahasiswa daerah bidang monolog	Juara 1 & harapan 1	2012	√		
Pekan seni mahasiswa daerah bidang puisi	Juara 1	2012	√		
Pekan seni mahasiswa daerah bidang tari	Juara 1	2012	√		
Jemputan pencak silat internasional oleh Universitas Pendidikan Sultan Idris Malaysia	Medali Perak	2013			√
Pekan olahraga mahasiswa nasional	medali perak	2013	√		
Lomba teater	juara 1	2013	√		
Lomba baca gurindam	juara 1 & 2	2013	√		
Jemputan pencak silat internasional oleh Universitas Pendidikan Sultan Idris Malaysia	Medali perak	2014			√
Lomba lintas alam pagaruyung	Juara favorite	2014		√	
PKM-P	Penerima hibah	2014	√		
Penulis karya tulis ilmiah	20 finalis	2014	√		
Debat bahasa inggris	15 besar	2014		√	
Expedition Africa of road goes mountain to kilimanjaro	peserta	2014			√

UMRAH STUDENTS ACTIVITY GALLERY



Laboratory and Research Development



FIKP-UMRAH

- MSP (WATER RESOURCES MANAGEMENT)
- IKL (MARINE SCIENCE)
- BDP (AQUACULTURE)
- THP (FISHERIES PRODUCT TECHNOLOGY)

MARINE AND FISHERIES LABORATORY

- MARINE AND FISHERIES LABORATORY
- WET LAB AQUACULTURE
- COMPUTATION AND INFORMATION SYSTEM LABORATORY

COMPUTATION AND INFORMATION SYSTEM LABORATORY

RESEARCH CENTER PPSPL ; PPLH

JOINT RESEARCH AND MOU :

- DKP (BINTAN, NATUNA ,LINGGA, PEMPROV)
- BPKH
- BAPPENAS
- BP DAS
- BLH PROVINSI
- BADAN KETAHANAN PANGAN
- HATCHERY PENGUJAN
- LAB KES BTKL BATAM
- BBL BATAM
- LIPI

MARINE AND FISHERIES LABORATORY

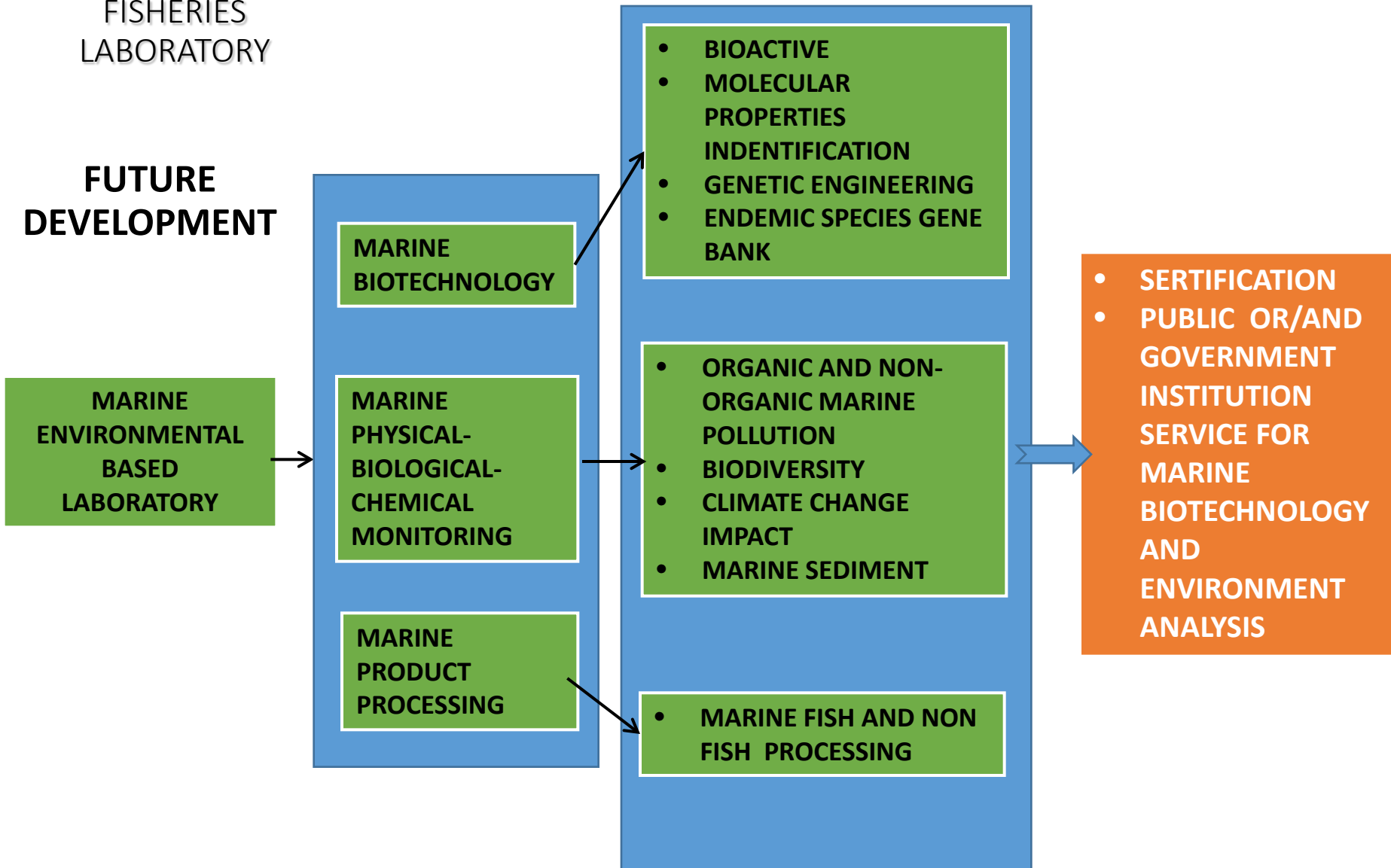
**EXISTING :
EDUCATION-BASIC
RESEARCH
LABORATORY**

EQUIPMENT :



MARINE AND FISHERIES LABORATORY

FUTURE DEVELOPMENT





Multi Vortex V-1 Plus



TOMY Mini Personal Centrifuge MicroONE



Pipet-X Pipet Controller



Set of Automatic Extraction and Purification System



PCR SETUP IN ALL COMMON FORMATS



Set of PCR Real Time



Set of Automatic Electrophoresis System



Set of Electrophoresis System



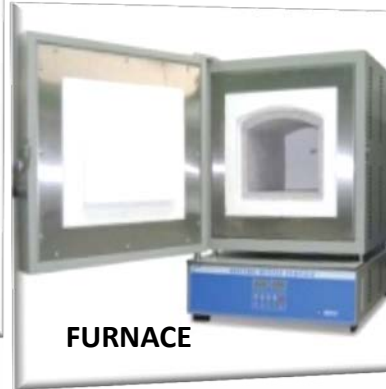
Set of PCR Conventional



**SET OF
ULTRAPURE
WATER SYSTEMS**



AUTOCLAVE



FURNACE



**Magnetic
Stirrer with Hot
Plate**



**ORBITAL
SHAKER**



**WATER DISTILLING
APPARATUS**



**SIEVE
SHAKER**



**PORTABLE
CRYOGENIC
REFRIGERATOR**



**SAMPLE
DISRUPTOR**

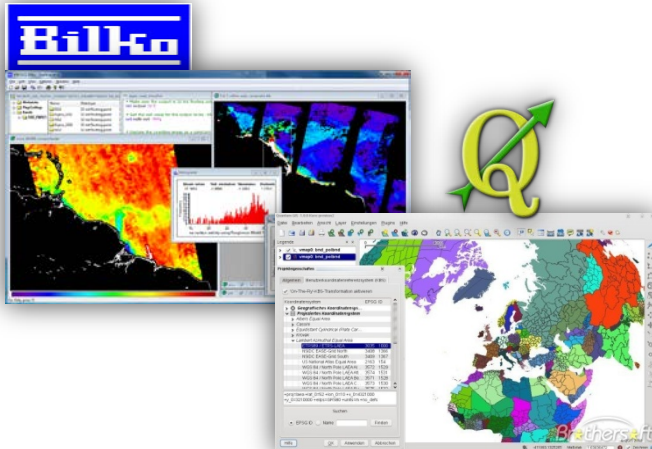
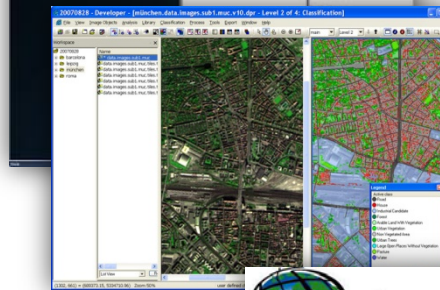
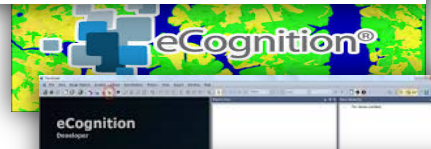


WATER BATH

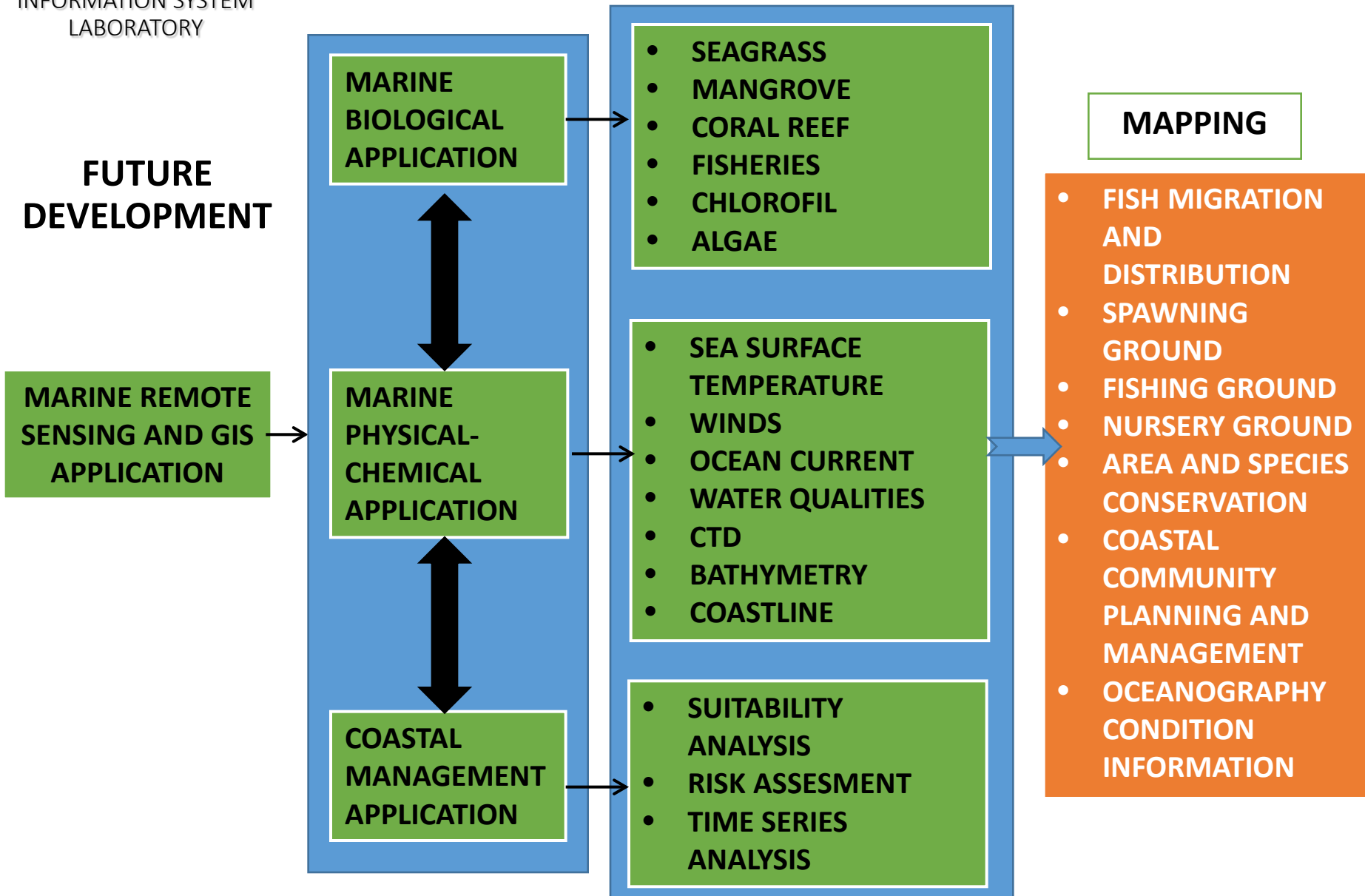
COMPUTATION AND INFORMATION SYSTEM LABORATORY

EXISTING :

- REMOTE SENSING AND GIS RESEARCH-EDUCATION LABORATORY
- BASIC MAPPING AND MODELLING



**FUTURE
DEVELOPMENT**





**LIGHT
AUTONOMOUS
UNDERWATER
VEHICLE**



MAPPING GPS



HANDHELD GPS



**PORTABLE WEATHER
STATION**

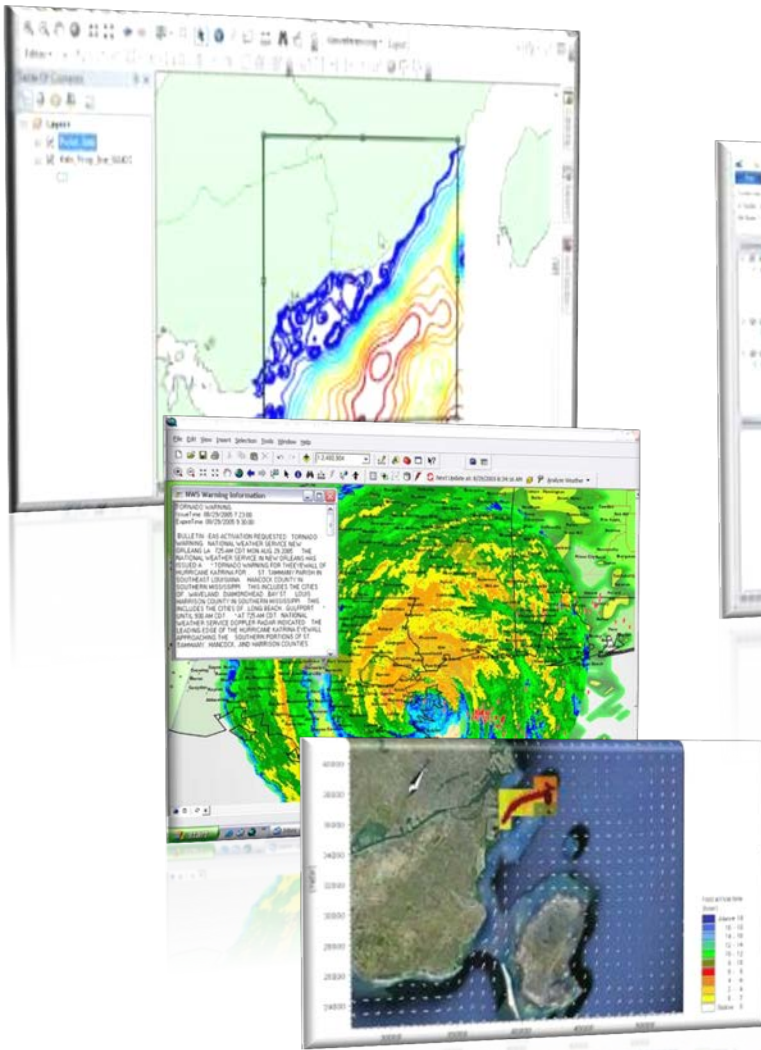


**MULTISPECTRAL
CAMERA DIGITAL**

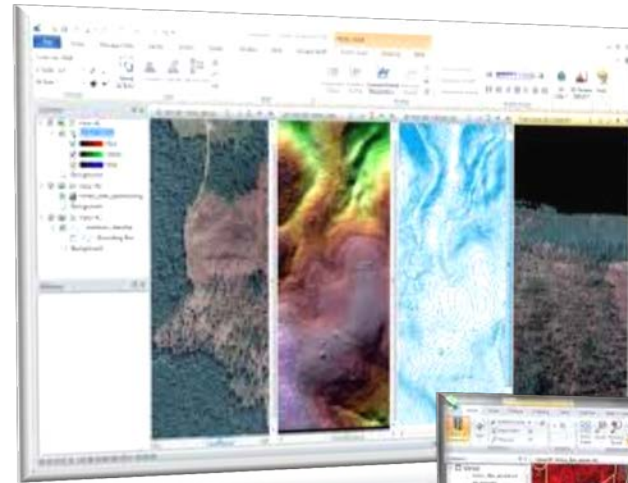


**Portable
spectrophotometry**
JWG Japan

SOFTWARE

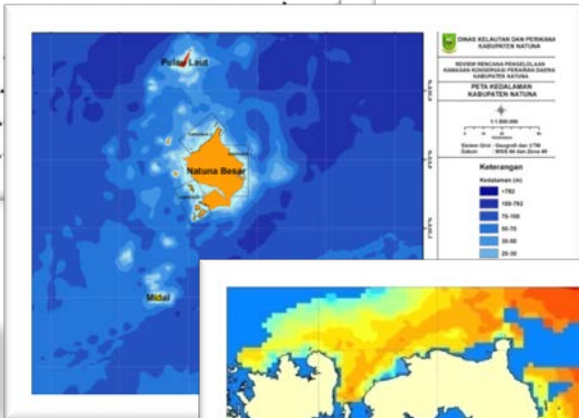
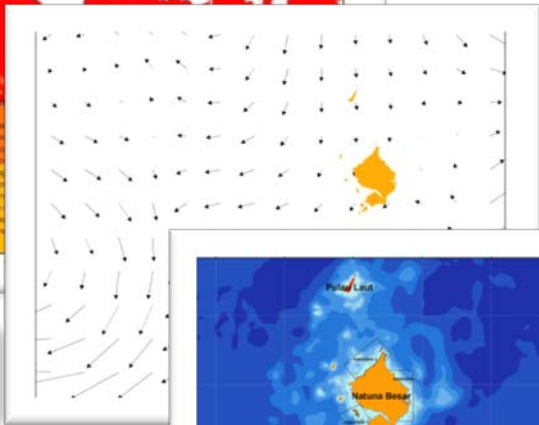
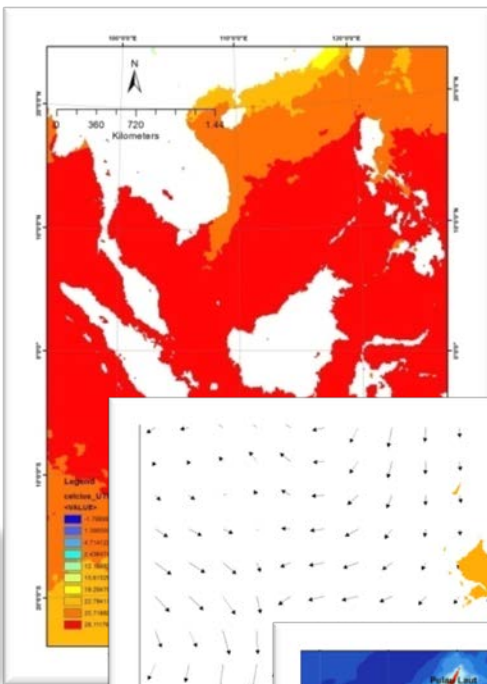


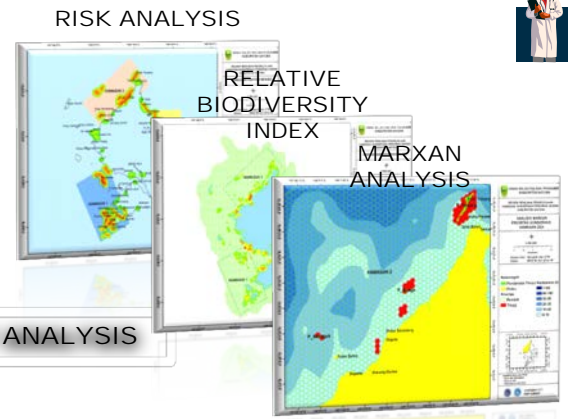
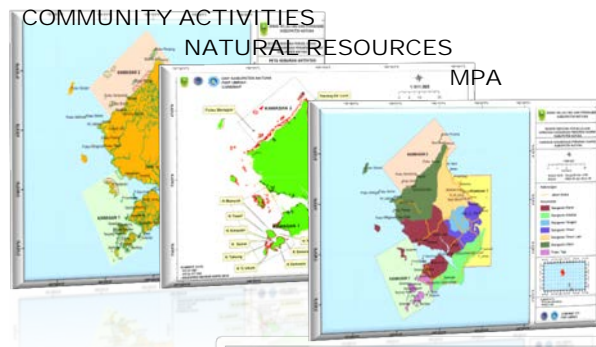
ARCGIS



**ERDAS
IMAGINE**





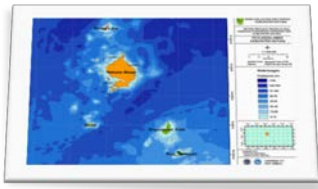
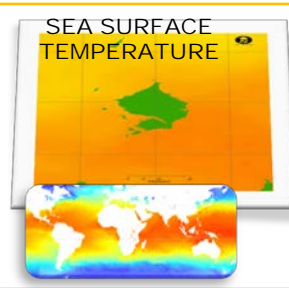
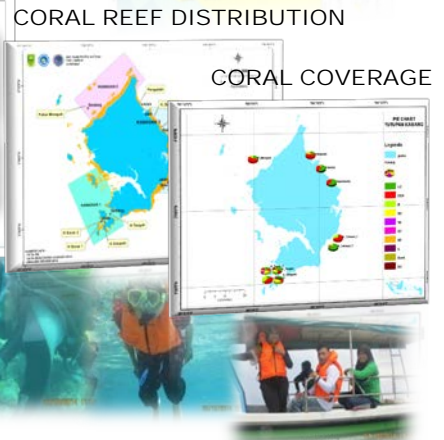


MARINE PROTECTED AREA GAP ANALYSIS

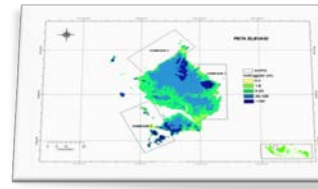


SOCIAL ECONOMIC INSTITUTIONAL ANALYSIS

CORAL REEF HEALTH MONITORING



BATHYMETRI



ELEVATION



WATER QUALITIES

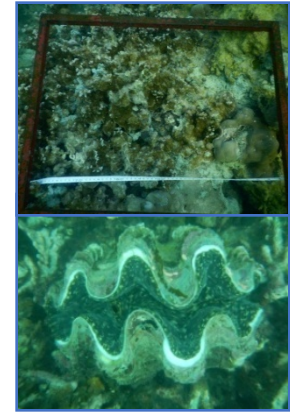
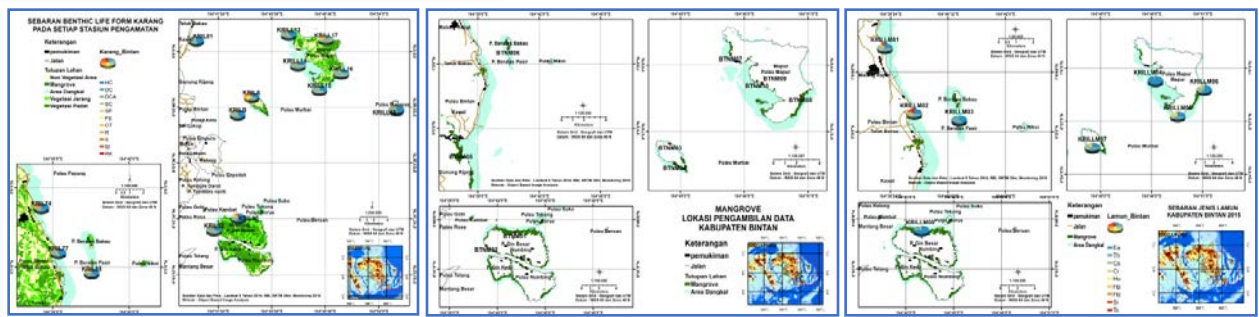
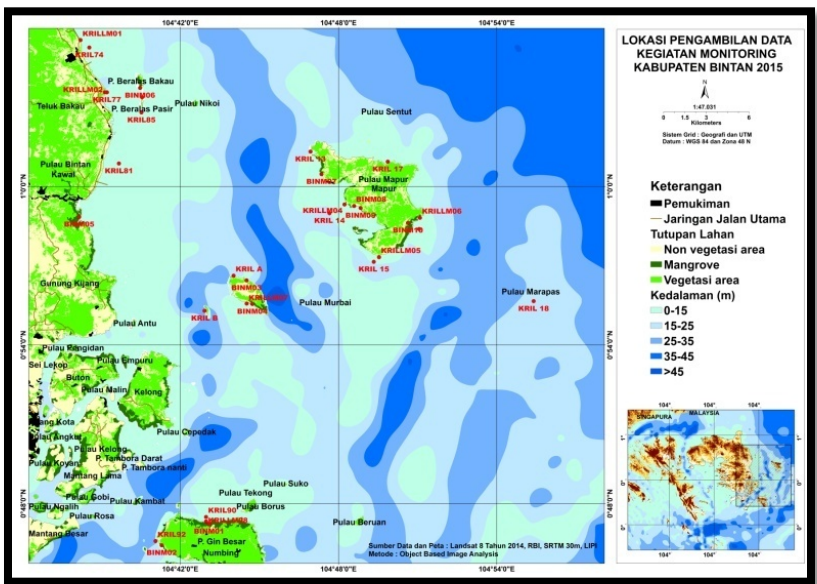
NATUNA PROJECT 2014 : MARINE PROTECTED AREA GAP ANALYSIS AND CORAL REEF HEALTH MONITORING

Nov 5-6, 2015

19/10/2014 13:16

JWE Japan

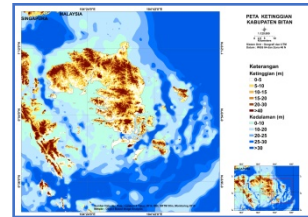
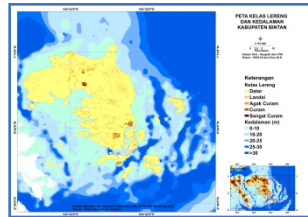
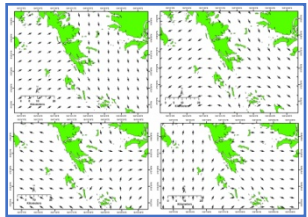
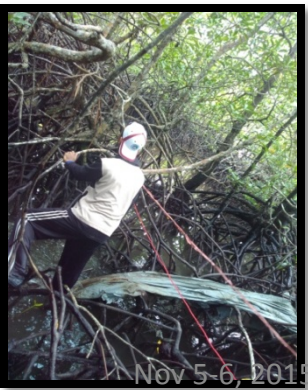




CORAL REEF, FISH AND MEGA BENTHOS

MANGROVE

SEA GRASS



BINTAN ISLAND FIKP-LIPI 2015 : CORAL REEF HEALTH MONITORING AND RELATED ECOSYSTEMS



Transformational Leadership

ROAD INTO ACADEMIC EXCELLENCE 2015-2040

...INTEGRITAS - KOMITMEN - DISIPLIN

- Excellence in education of students
- Excellence research, development and dissemination of knowledge;
- Excellence contributing to the cultural, scientific, and civic life of society

TARGET RENOP 2016:

1. Status Universitas menjadi BLU
2. Proporsi Dosen yang termasuk dalam UUASN > 70%
3. Proporsi Tendik yang termasuk dalam UUASN > 60%
4. Akreditasi prodi diatas C 100 %
5. Penambahan minimal 3 prodi baru dengan domain maritim

TARGET RENSTRA 2020:

1. Menyelenggarakan prodi S2 bidang-bidang yang berkenaan dengan kemaritiman
2. Menambah prodi yang mendukung pembelajaran kemaritiman
3. Menyelenggarakan pendidikan vokasi kemaritiman
4. Mempersiapkan PTNBH
5. Mendirikan pusat-pusat unggulan riset dan teknologi kemaritiman
6. Dikenal sebagai salah satu penyelenggara terbaik pendidikan dan penelitian dibidang kemaritiman di Indonesia
7. Akreditasi Institusi minimal B

TARGET RPJP 2040:

1. UMRAH berstatus PTNBH
2. Perbandingan mahasiswa S1 dengan S2/S3 diatas 50 %
3. Memiliki pusat-pusat unggulan kemaritiman yang dikenal dunia
4. Menjadi salah satu pusat data kematiriman dunia

- VISION
- SKILLS
- INCENTIVES
- RESOURCES
- ACTION PLAN



Poster Architec by L.N. Firdaus
©14-01-2015

"Beyond the vision" - Melangkau Cita-cita
"Bila Nak Tahu Arti Sahabat/Lihat Kisah Hang Tuah dan Hang Jebat/Bila Nak Tahu Kualitas Pejabat/Lihat Apa yang Ia Buat".
 Tanjungpinang, 14 Januari 2015

Prof. Dr. Firdaus L.N., M.Si
Wakil Rektor Bidang Akademik,
Kemahasiswaan, dan Kerjasama

Prof. Dr. Syafris Akhlius, M.Sc.
NIP 1962 1003 1988 01 1001

Hery Suryad, S.IP., M.Si.
Wakil Rektor Bidang Umum, Perencanaan,
Sistem Informasi, dan Keuangan

MoU UMRAH and INSTITUT TEKNOLOGI SEPULUH NOVEMBER (ITS)



MoU UMRAH and RIAU UNIVERSITY



MoU UMRAH and BATAM POS



Nov 5-6, 2015

JWG Japan

30

MoU UMRAH and BANK INDONESIA



MoU UMRAH and POLITEKNIK BATAM



UMRAH
Universitas Maritim Raja Ali Haji

Nov 5-6, 2015

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JWC Japan

COOPERATION AGREEMENT FACULTY OF MARINE SCIENCE AND FISHERIES UMRAH and RCO-LIPI



Signed on April 10, 2015



UMRAH
Universitas Maritim Raja Ali Haji

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JWC Japan

International Cooperations



MoA Signing with UTM JWG Japan

International Cooperations



**MoU UMRAH and KHON KHAEN UNIVERSITY
Thailand, Bangkok, October 27, 2014**

International Cooperations



MOU
7th JOINT WORKING GROUP,
FRENCH INDONESIAN
CONSORTIUM IN
ENGINEERING AND
MANAGEMENT (FICEM)
March 9, 2015

“GOING TO BE INTERNATIONALLY MARITIME UNIVERSITY”



National University Corporation
TOKYO UNIVERSITY OF MARINE SCIENCE AND TECHNOLOGY

Dompak Island

THANK YOU