

**NOTES AS MATERIAL DISCUSSION FOR
COLLABORATION BETWEEN HALU OLEO
UNIVERSITY, INDONESIA AND SAME JAPAN
UNIVERSITY**

USMAN RIANSE

RECTORS, UNIVERSITAS HALU OLEO, INDONESIA



UNIVERSITAS HALUOLEO

THE CAMPUS FOR A CREATIVE AND INOVATIVE PEOPLE

VISION OF UNIVERSITAS HALU OLEO 2045

The Top 250 Universities in The World Leading in
Science, Technology and Cultures for Maritime ,
Continent, Harmonization and sustainable Prosperity

jaringan kerja sama

Universitas Halu Oleo NET WORKING

Amerika Serikat Australia Kanada
Turki Uni Emirat Arab Jepang Jerman
Italia Belanda Perancis Inggris Afrika
Selatan Malaysia Thailand Korea



**COLLABORATION ON RESEARCH AND
DEVELOPMENT IN MARINE AND
FISHERIES**

I. AQUACULTURE PROGRAMS:

1. INTEGRATED MARINE AND FRESH WATER LABORATORY
2. HATCHERY DEVELOPMENT TO BE A CENTER OF FISH AQUACULTURE PRODUCTION AND STOCK ENHANCEMENT.
3. RESEARCH DEVELOPMENT ON MARINE SPECIES AQUACULTURE: MILK FISH, SEA BASS, ORNAMENTAL FISH; BLUE SWIMMING CRAB; LOBSTER, SEAWEED, ETC.
4. RESEARCH DEVELOPMENT ON FRESH WATER SPECIES AQUACULTURE: TILAPIA, CAT FISH, EEL FISH (ANGUILLA SPP), *Osphronemus gouramy*, *Channa striata*, FRESH WATER ORNAMENTAL FISH, ETC.

II. REHABILITATION AND CONSERVATION:

1. RESEARCH AND CONSERVATION ON THREATENED AND DANGEROUS SPECIES: TRIDACNA SPP., TURTLES, BIRGUS LATRO, DUGONG, SOME CORAL FISH SPECIES, ETC.
2. REHABILITATION AND CONSERVATION ON IMPORTANT OF MARINE AND COASTAL ECOSYSTEM: MANGROVE ECOSYSTEM, CORAL REEF ECOSYSTEM, MARINE PROTECTED AREA.
3. STOCK ASSESSMENT ON ECONOMIC AND IMPORTANT PELAGIC FISH, CRUSTACEAN (BLUE SWIMMING CRAB), ETC.

III. FISHING TECHNOLOGY DEVELOPMENT

1. DEVELOPMENT OF SELECTIVE FISHING GEARS
2. DEVELOPMENT OF ENVIRONMENTALLY FRIENDLY FISHING CAPTURE TECHNOLOGY
3. DEVELOPMENT OF CONVERTER TOOLS OF INBOARD MACHINE OF TRADITIONAL FISHERMEN
4. DEVELOPMENT OF GEOGRAPHICAL INFORMATION SYSTEM ON FISHING GROUND AROUND DEEP SEA WATERS.

IV. SOCIAL ECONOMIC FISHERIES DEVELOPMENT:

1. COASTAL COMMUNITY EMPOWERMENT MODEL BASED ON ITS MARINE AND COASTAL NATURAL RESOURCES.
2. BLUE PRINT DESIGN ON FISH LOGISTIC SYSTEM OF SOUTHEAST SULAWESI TO STRENGTHEN TOLL MARITIME.
3. DESIGN OF INTEGRATED EDUCATION-RESEARCH AND RECREATIONAL COASTAL ECOSYSTEM

THANK YOU