http://seafast.ipb.ac.id/

OVERVIEW OF SEAFAST CENTER

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Welcome
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Where in the IPB Campus is SEAFAST Center?

BACKGROUND

• Since 1970
  • Food Technology Development Center (FTDC)
  • Center for Food & Nutrition Study
  • Center for Traditional Food Study
  • Center for Food and Nutrition Policy Study

• Consolidation of “Food” Center
  • IPB-TAMU (MOU Dec 2003)
    ➔ To establishing sustainable food research center
    ➔ To develop a food science program of excellence at the Bogor Agricultural University (IPB) with technical support from Texas A&M University

• SEAFAST project (2005-2008),
  ➔ TAMU supported by USDA; 416-b)

• SEAFAST Center (2008 - NOW)
BACKGROUND  ... history

This Building (formerly building of Food Technology Development center) was renovated → New SEAFAST Center building
BACKGROUND  ... history

Condition of SEAFAST Center building at Darmaga Campus, IPB, Bogor, Indonesia as of September 19, 2005.

Condition of SEAFAST Center building at Darmaga Campus, IPB, Bogor, Indonesia as of Dec 10, 2008.
BACKGROUND

FOCUS:
Improving Food Quality, Nutrition and Safety through Science and Technology
BACKGROUND

STRATEGY:
Promoting, nurturing, and sustaining partnership

Public-Private Partnerships ... WHY?

Partnership
Improvement of Food Quality, Nutrition & Safety through Science & Technology

Improvement of Health & Nutritional Status

Improvement of Physical Performance

Improvement of Intellectual Performance (Innovation & creativity)

Improvement of Emotional Performance

Improvement of Nation’s Competitiveness
Public-Private Partnerships ... WHAT?

- Food safety
- Nutrition
- New product/process development
- Product testing/analysis
- Process inspections & validation
- Post-harvest and cold-chain development
- Policies and regulatory services
- Problem Solving

Public-Private Partnerships ... WHAT?

- Human Resource Dev/Training
- Consumer education
- SMEs empowerment
- Publications
Public-Private Partnerships ... WHAT?

Illustrations:

– Working with Micro-, Small- and Medium Food Enterprises
Public-Private Partnerships ... WHAT?

Illustrations: Food Product Development

Suitability of Selected Soybean Varieties for Production of Tempe, Tofu and Soy Milk

ASA: International Marketing
Public-Private Partnerships ... WHAT?

Illustrations: Food Product Development

Evaluation of US Dehydrated Potatoes to be used as an ingredient processed foods

Public-Private Partnerships ... WHO?

Departement Masyarakat

Micro-, Small Food Enterprises
Training is done on the spot.
PPP: Food Safety Training at SEAFAST center
Number of SME Trained (up to May, 2008)

Capacity Building Training for Government Agencies

- Food Inspections Level -1 (Assistant food inspectors)
- Food Inspections Level -2 (Junior food inspectors)
- Food Inspections Level -3 (Senior food inspectors)

- Food Sampling for Inspection

- Seafast Center as a Resource Institution
Capacity Building Training for Government Agencies

- Food Safety for Quarantine Personnel’s
- Training for SMEs
- Seafast Center as a Resource Institution

Organization

Focus of Activity:
1. R&D: Multidisciplinary research
2. Policy Development: Development of food & nutrition system
3. Technology Transfer: Training & outreach
SEAFAST Center established mutual partnership with many Department in IPB.

SEAFAST Center employs:

- Full time researchers (PhDs, Profs),
- Student workers,
- Research assistants, and
- IT specialists

Rich expertise in food quality, nutrition and safety.
Some Established Networks

Network of Food Diversification Research

Distance Ed
With extensive network established,

**POTENTIAL ROLE OF SEAFAST CENTER**

1. Expanding the teaching, research and training network and capacity of Indonesian universities.
2. Strengthening national and regional public private partnership.
3. Opening up more opportunities for faculty & students to learn food science and technology.
4. Increasing the economic competitiveness of the agriculture/food processing industry with improvements in food science & technology.
5. Expanding capacity building programs for the food-processing sector.

With extensive network established,

**POTENTIAL ROLE OF SEAFAST CENTER**

6. Improving assistance to the food-processing sector to better feed the nations.
7. Improving human capital for the food processing sectors in Indonesia and neighboring countries.
8. Expanding trade and increased export of Indonesia agricultural/food commodities
9. Strengthening the Indonesian and other ASEAN economies to be stronger trading partners
10. Reducing poverty and malnutrition

**NEED PARTNERSHIP**
Our Facilities

Modern, State of the Art, Laboratories

Food Processing Pilot Plant

08/04/2011
Our Facilities

Baking Research And Development (BReAD) Unit

Our Facilities

Distance Education Class/facility
Thank You

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SOFAST Center is a scientific center for research, development, and extension. The center focuses on various aspects of marine science, including fisheries, aquaculture, and marine resources management. The center aims to provide solutions to challenges faced by the marine sector in Southeast Asia, and to contribute to the sustainable development of the region.

The center currently has several ongoing projects and publications. Some of these include:

- **Innovative Marine Aquaculture Technologies**: Development of new aquaculture technologies to improve productivity and sustainability.
- **Marine Biodiversity Research**: Exploration of marine biodiversity to understand the ecological and economic value of marine ecosystems.
- **Ocean Acidification Studies**: Research on the effects of ocean acidification on marine life and ecosystems.
- **Sustainable Fishing Practices**: Development of sustainable fishing practices to ensure the long-term health of marine populations.

The center collaborates with various institutions and organizations to share knowledge and resources. They organize workshops, seminars, and conferences to promote interdisciplinary research and networking.

Thank you for your interest in the SOFAST Center. For more information, visit the website at http://seafast.ipb.ac.id.