

Engaging with Academia and Research Institutions (ARIs) to support Family Farmers and Food System Transformation During and Post COVID-19 Pandemic in Asia



Food and Agriculture
Organization of the
United Nations



unesco



S E A M E O
SEARCA



cirad
AGRICULTURAL RESEARCH
FOR DEVELOPMENT



Professionals for
Fair Development



Association For Sustainable
Development

Higher Educational Challenges in Promoting Aqua-ecology in Thailand and Lao PDR

Alan D Ziegler¹, Niwooti Wangchai¹, Saykham Souksanith², Khajornkiat Srinuansom¹, Juntakorn Rodyoo³, Ketarin Rammanee³, Jongkon Promya¹, Bounkhong Phetduangchanh², Alounxay Pasithi², Wisai Kongkaew³, Decha Duangnamon³, Chanagun Chitmanat¹, Teppitag Boonta¹

¹*Faculty of Fisheries Technology and Aquatic Resources, Mae Jo University, Chiang Mai, Thailand*

²*Northern Agriculture and Forestry College, Luang Prabang, Lao PDR*

³*Andaman Coastal Research Station for Development, Suksamran, Ranong, Thailand*

Northern Agriculture & Forestry College

Luang
Prabong
Lao PDR

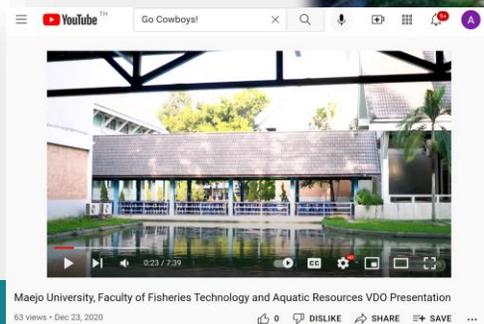


Andaman Coastal Center for Research and Development, Ranong, Thailand



Parent institution: Kasetsart University, Bangkok Thailand

Maejo University, Chiang Mai, Thailand



<https://www.youtube.com/watch?v=2YW3-Xi2Qew>

Technology & innovation



Teaching



Outreach



**F
O
C
U
S**



Service



Research

Ranong

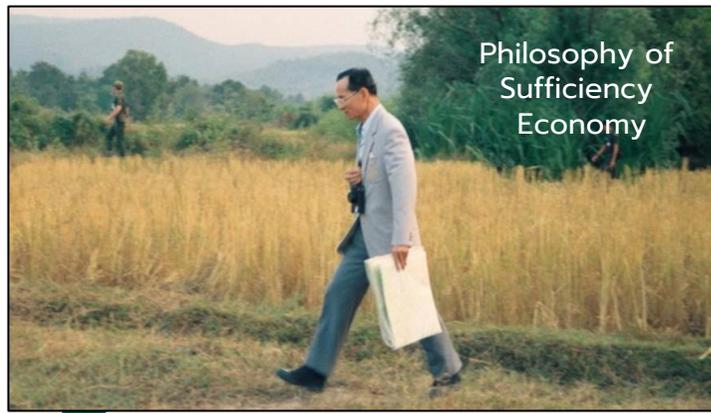


Luang Prabong



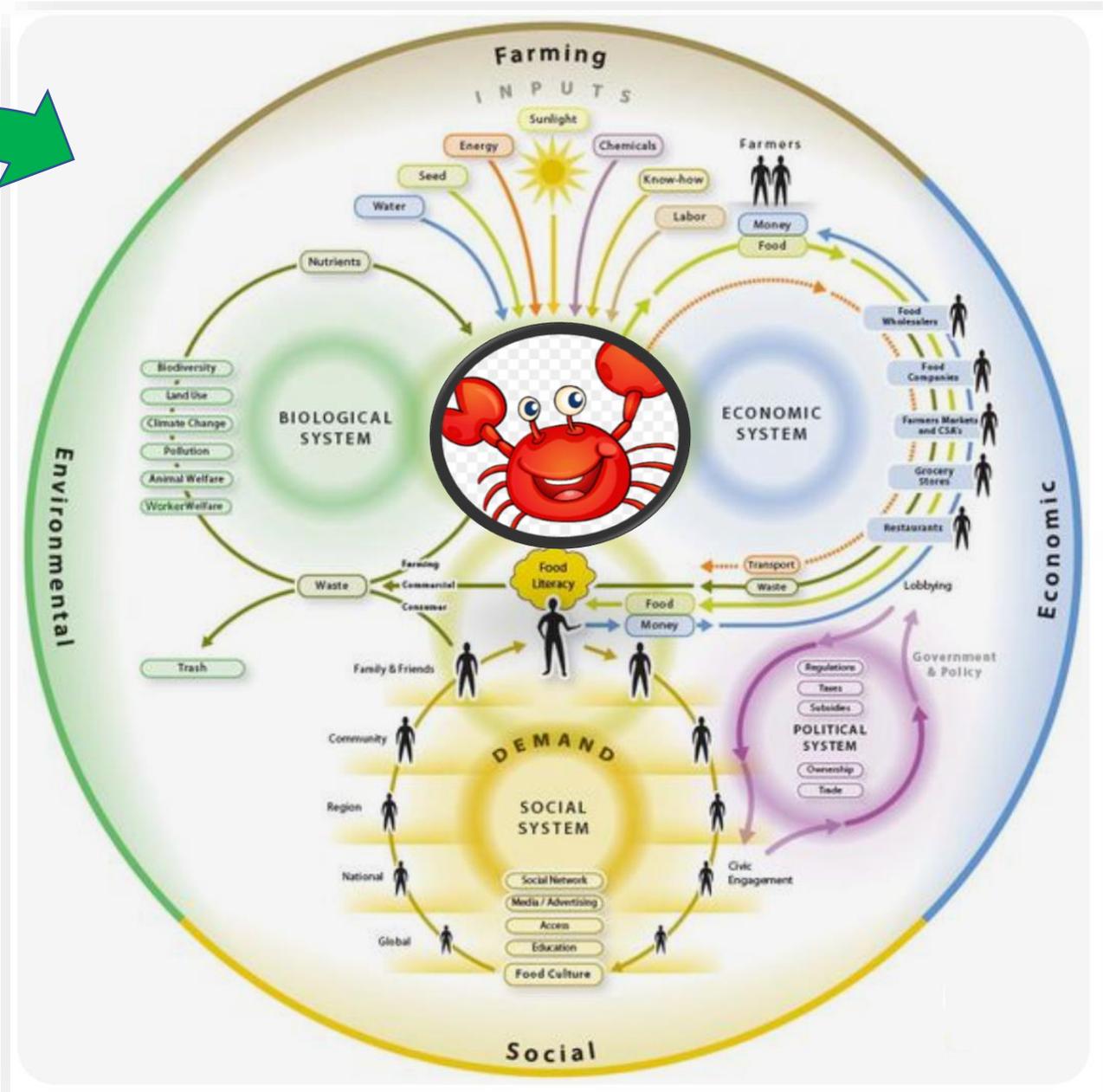
Chiang Mai





Philosophy of
Sufficiency
Economy

“Green”
“Sustainable”
“Eco-Friendly”
“Ethical”
“Fair Trade”
“Clean”
“Organic”



A. Miles (2017) *Agroecology and Sustainable Food Systems*

CHALLENGE: Making Sense of Agroecology from a fishery perspective



CHALLENGE: How to scale small holder systems to make a national, regional, global contribution?

New Markets
Competitive prices
Branded Products
Higher returns



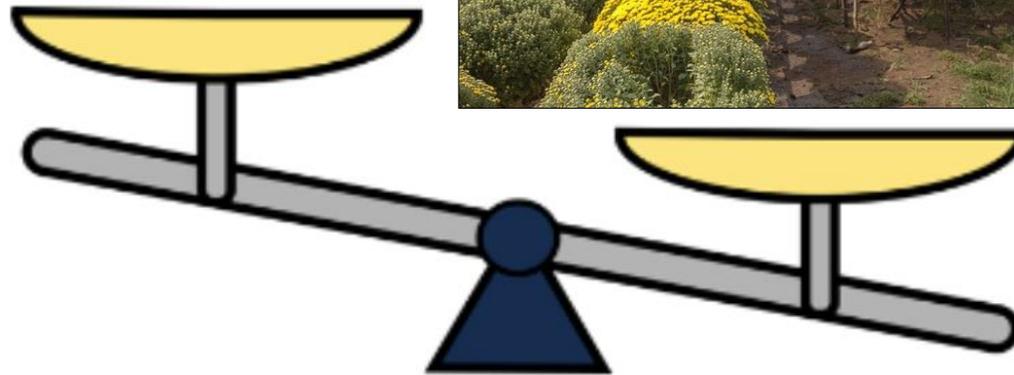


MJU Ag Graduates

- 60-70% Agribusiness
- 20% Private
- 10% Other

Balancing the education of “farmers” for both small-scale and corporate opportunities.

<https://opengovasia.com/thailand-pushing-smart-agriculture/>



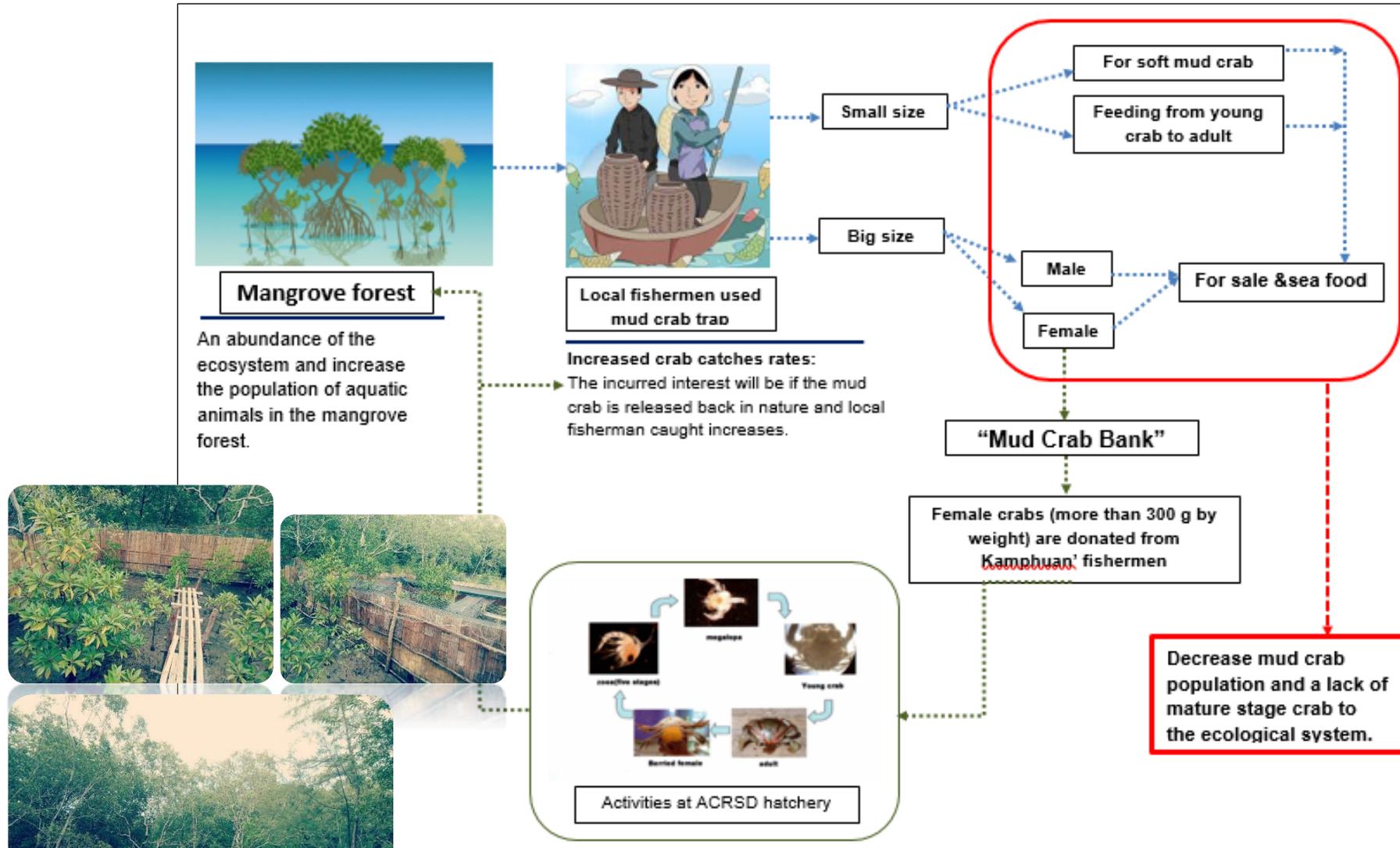
Motivation is Livelihoods



...also balancing SMART farming with AGROECOLOGY ideals
... role of agribusiness in the direction of food production

Supported to learning and mud crab bank aquaculture: The way of managing wild-caught mud crab (*Scylla olivacea*)

example



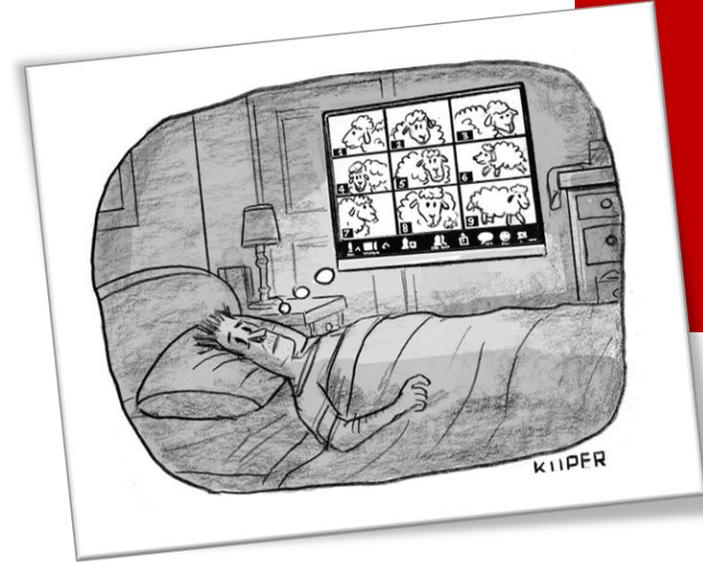
selective harvest | ecology based | community participation



COVID 19-21 impacts

Low infection rates

Decreased Tourism
Diminished Exports
Labor Shortages
Supply Chain Woes



Yet...

Inherent Resilience in Rural Areas



HOW CAN WE HELP & CONTRIBUTE?



Thank you