

UPLB's Internationalization Initiatives in Forestry Education and Research

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Regional Forestry Education Resources Sharing and Mutual Course Recognition: Stream 5 in APFW 2016

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Outline of Presentation

- ❑ **The Context**
- ❑ **Initiatives in Forestry Education**
- ❑ **RDE Initiatives**
- ❑ **Challenges**



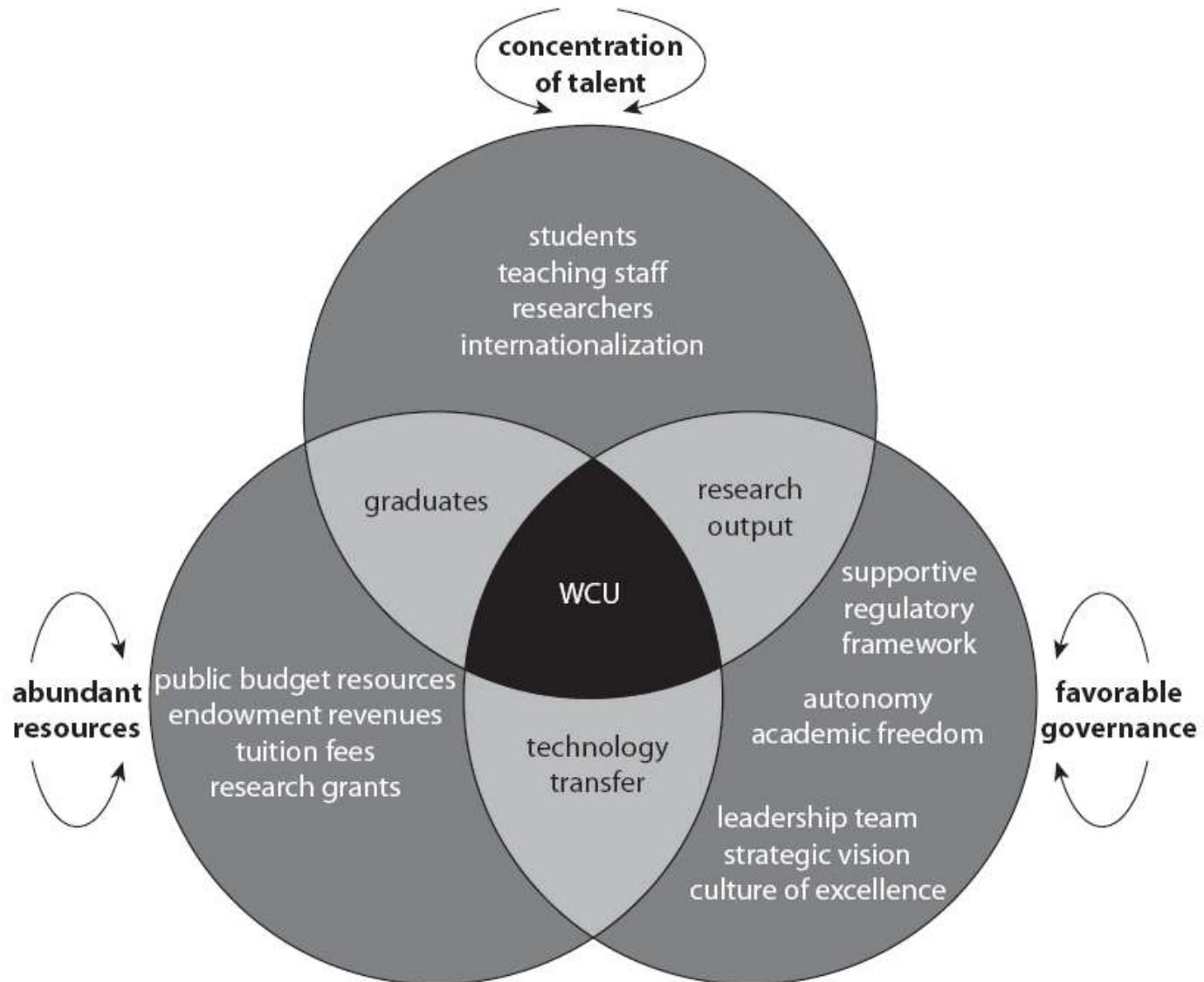
The Context



Compelling reasons for UPLB's internationalization in forestry education and research:

- Meeting forestry-related local and national needs while contributing to global challenges like climate change and sustainable development goals
- ASEAN Economic Community – environmental protection and natural resource management one of the four key challenges in ASEAN 2030 Study
- Quest to perform better in the world university rankings

Internationalization: Important Attribute of World-Class University



#1 Forestry Education

Curricular review and revision

- ⌘ revitalization of BS and graduate programs (MS and PhD) in forestry towards outcome-based education
- ⌘ integration of recent global issues such as biodiversity, climate change, disaster risk reduction, global forestry agreements, urban forestry



⌘ accreditation
of forestry
degree
programs for
quality
assurance

ASEAN-UNIVERSITY NETWORK QUALITY ASSURANCE

Self Assessment Report



BS Forestry Program



College of Forestry and Natural Resources
University of the Philippines
College, Laguna 4031
PHILIPPINES

International Collaborative Program



MSc TROPICAL BIODIVERSITY and CONSERVATION

3
megadiversity
countries



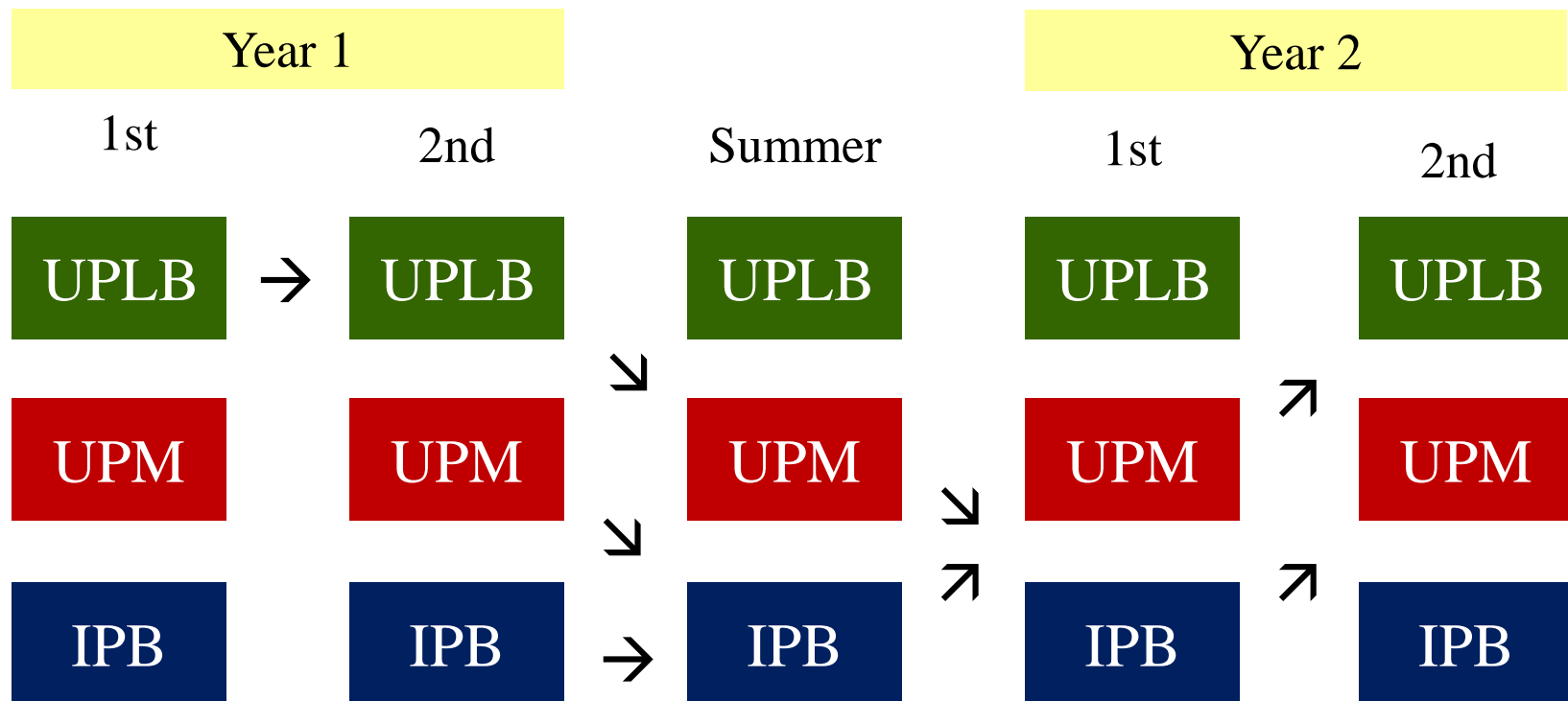
Southeast Asia

**Indonesia ■ Malaysia
Philippines**



Program Structure

International Collaborative Program
MSc TROPICAL BIODIVERSITY and CONSERVATION



Joint Summer Field Program 2016 – Indonesia ■ 2017 – Malaysia ■ 2018 – Philippines



International Collaborative Program
MSc BIODIVERSITY and CONSERVATION

Fields of Specialization



Biodiversity and Sustainable Development

Payment for Ecosystems Services
Biodiversity Safeguards in Project Development
Business & Entrepreneurship in Biodiversity
Biodiversity, Biotechnology, & Natural Products
Ecotourism for Conservation Education & Advocacy



Biodiversity, Policy, and Governance

Politics, Society, & Culture
Community Development & Management
Multilateral Biodiversity & Environmental Agreements



Biodiversity and Climate Change

Bioclimatology
Biodiversity in a Changing World
Impacts of Climate Change on Biodiversity
Climate Change & Invasive Alien Species



Biodiversity Informatics

Biodiversity Modelling & Simulation
Vulnerability Assessments
Geotagging & Database
Taxonomic & Ecological Characters
DNA Sequences, Digital Images

#2 RDE Initiatives

Creation of Interdisciplinary Study Centers

- ⌘ Center for Integrated Natural Resources and Environment Management (INREM)
- ⌘ Climate Risk Study Center



Collaboration for inter/transdisciplinary and integrative studies with foreign universities

- The University of Tokyo and Kyoto University in Japan
- Seoul National University and DAEGU University Kyongsan in South Korea
- Renmin University of China
- Columbia University in New York City
- Institut Pertanian Bogor and Lampung Universi Indonesia
- Tay Nguyen University in Vietnam
- Prince of Songkhla University and Kasetsart University in Thailand
- Universiti Putra Malaysia in Malaysia
- National University of Laos in Lao PDR



Research collaborations in forest rehabilitation, forest tenure reform, biodiversity conservation, climate change, poverty reduction, environment protection

- Center for People and Forests (RECOFTC)
- Korea Forest Service
- Food and Agriculture Organization
- Asian Development Bank
- Asia-Pacific Network for Sustainable Forest Management and Rehabilitation (APFNet)
- ASEAN Center for Biodiversity (ACB) and GIZ



KOREA FOREST SERVICE





*Forestry Education and Research:
Gearing Towards ASEAN 2015*

FORED 2014

2nd International Conference on Forestry Education and
Research for the Asia-Pacific Region
November 19-22, 2014 | SEARCHA | U.P. Los Baños, Philippines

Some Challenges

- **Curriculum design:** system for credit transfer and quality assurance
- **Resource generation:** for modernizing facilities and enhancing student and faculty mobility and exchange
- **Commitment:** from higher level of the university administration and partner universities/institutions
- **Time factor:** university curriculum development has long gestation period
- **Governance:** not responsive to rapidly changing time (e.g. accounting and auditing procedures and requirements)





*Thank you for
listening!*

OM *Sony*

