

Hen-biau KING

- Forest Ecologist
- Society of Subtropical Ecology
- Retired from the Director-General of Taiwan Forestry Research Institute in 2008
- Chaired the International Long Term Ecological Research Network (2003-2007)

Old Questions New Problems Challenges & Opportunities

- **New & Variety of Answers**



People
Culture
Scale
Technology

...

Biodiversity

Jong-Tai Chao

- Cam Webb
- Charlotte Germain
- Adam Murphy
- Darlina Md Naim
- Parikesit
- Sirilak Chumkiew
- Grace Wong

Big Questions in Forestry

- What are the greatest **challenges** to furthering your research?
- What are the greatest **opportunities** in working with a broader group of individuals to address key research challenges?
- What are **challenges** to working internationally?
- What are the **opportunities** for students in this area of research?

1. Challenges in researches in forest ecology and forest management.

- Data and information, and inventories:
- Integrated assessment (IA):
- Integrated strategies
- Multi- disciplines
- Governance and institutions
- ...

Data and information, and inventories

- The availability, accessibility, consistency, reliability, and quality of standardized **data and information**. What are missing from forest data?
- Particularly, data which relates to changes in **biodiversity and its functions and services, and climate change**.
- Data on ecotourism, for **environmental education**. **Invasion and outbreaks** are two challenges issues in Taiwan forest management

Data and information, and inventories

- Integrated assessment (IA)
- Require IA to understand the impacts of actions resulting from implementing strategies and policies to develop forest ecosystems.

2. Opportunities in working with a broader group of individuals to address key research challenges

- Sharing quality and standardized data
- The role of forest in mitigation of environment
- Understanding regional environmental changes and identifying regional indicator organisms

Challenges to work Internationally

- Working closely, efficiently, and comfortably
- identifying mutual and overlapping interests
- financial supports
- ...

4. Opportunities for students in this area of research.

- Reciprocal visits
- Short term or extent stay (say 1-3 months) to carry out research projects that have well defined and can be completed in the specified time period
- ...