

Institute of Natural Resource Management

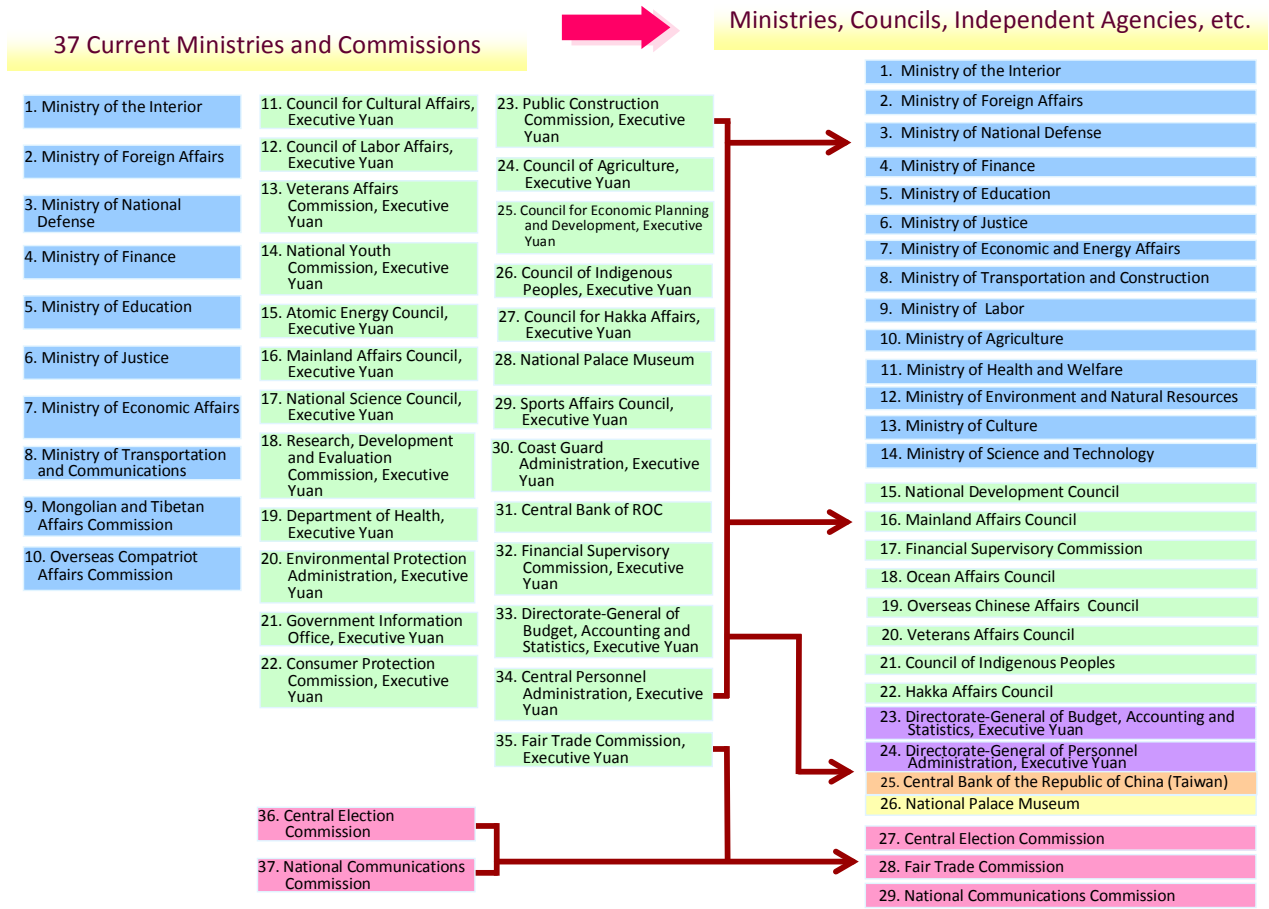
National Taipei University

Class Handout of the Fall Semester, 2013

Lecture 2: Review of Fundamental Concepts

- **MINISTRY OF ENVIRONMENT AND NATURAL RESOURCES**
 - 組織法 Organizational Acts
環境資源部組織法、氣象局、水利署、森林及保育署、水保及地礦署、下水道及污染防治局、國家公園署、森林及自然保育試驗所、生物多樣性研究所、環境教育及訓練所
Organizational Act of Ministry of Environment and Natural Resources, Bureau of Meteorology, Administration of Water Resources, Administration of Forest and Conservation, “Administration of Soil/Water Conservation, Geology Survey and Mineral Resources,” Bureau of Sewage Construction and Pollution Control, Administration of National Parks, Research Institute of Forest and Natural Conservation, Institute of Biodiversity, Institute of Environmental Education and Training
 - 環境保護 Environmental Protection
 - 自然資源保育 Conservation of Natural Resources
 - 氣候變遷 Climate Change
- **KEY FACTORS OF ENVIRONMENTAL SCIENCE AND ENGINEERING**
 - Media or Carriers: Air, Water, Soil, Solid Waste...
 - Aspects：空水廢毒噪＋「節能減碳」：藍天綠地、青山淨水、健康永續
 - Spatial Scales – Local, Regional, Continental, and Global
 - Time Scales – Second, Minute, Day, Year, Decade, Generation, Century, *etc.*
 - Orientation – Economy-Oriented, Human-Oriented, Ecology-Oriented
- **環境議題 Environmental Issues**
 - 全球尺度：氣候變遷、臭氧層破壞、棲息地與生物多樣性之減少等
Global Scale: Climate Change, Ozone Layer Depletion, Loss of Habitats/Biodiversity
 - 區域性尺度：酸雨、能見度問題、水體污染、土壤酸化／鹽化等
Regional Scale: Acid Deposition, Visibility, Water Pollution, Soil Acidification/Salinization
 - 地區性尺度：光化學煙霧、土壤及地下水污染、廢棄物、噪音振動問題等
Local Scale: Photochemical Smog, Soil and Groundwater Contamination, Solid Waste, Noise
- **SWEDEN’S ENVIRONMENTAL OBJECTIVES**
 - [Sweden's environmental objectives – an introduction, 2013](#)
 - [Specifications of the 16 environmental quality objectives, 2013](#)
- [黃金十年國家願景－永續環境：綠能減碳、生態家園、災害防救](#)

4. Organizational Reform Plans-1



(<http://www.rdec.gov.tw/site/rdec3/public/data/361110413871.ppt>)