Group 2: Delivering LCS through Sustainable Development

Sustainability for all

Kensuke Fukushi, Ph.D. Integrated Research System for Sustainability Science The University of Tokyo

Sustainable development

- SD has been considered in mainly natural resources and environment.
- Climate change issues have been introduced recently
 - Large impact to developing countries
 - Fear of developed countries from loosing current quality of life and properly

Development and environment

- They are busy for the development
- Wastewater, air pollutants, solid wastes are treated properly/improperly for most of middle-large scale industries in Thailand, Malaysia, Indonesia---at least they realize problems

River water in Tokyo need energy



Sewer system

- Sewer system
 - Pipeline to drain storm water
 - Pipeline to drain wastewater from houses and buildings
 - Treatment facility to treat wastewater (energy intensive)
- Cost for treatment facilities are not so much
- Cost of sewer pipes for all cities are beyond the economic level of the world (Peter A. Wilderer)
- Practices in developed countries may not be suitable

Pathways for sustainable urban environment

- Ultimate model of urban environment for developing countries is not established (cities in developed countries may not be suitable)
- Development and urban infrastructure should be balanced
- However, environmental issues are carefully considered especially in urban areas in developing countries
- Climate change issues are well known, but not major driving force for action

End of the presentation