RT9 How Can Management Influence Industry and Urbanism?

Eco-Economic Zone of Poyang Lake

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A harmonious way to simultaneously achieve economic and ecological goals

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Background Jiangxi

Population: 44 million
Total Area: 166,900 km²
Poyang Lake: Largest freshwater lake in China

Province ~ Watershed
Short introduction of Poyang Lake I

Lake body Area: 4900km²
Lake Volume: 30 billion m³
Length: 173km from North to South
16.9km from East to West
Depth: 8.4m on average
Shoreline: 1200km

Short introduction of Poyang Lake II

• RAMSAR site since 1972
• “Heaven of migratory birds”
Integrated Management of Poyang Lake Basin – Mountain-River-Lake Development Programme (MRLP)

Before 1985, Jiangxi faced the following problems in Poyang Lake Basin:

Mountains: deforestation, soil erosion;
Rivers: water pollution and sedimentation;
Lake: flooding, biodiversity degradation.

To tackle the challenge, Jiangxi Provincial government initiated a century programme named Mountain-River-Lake Development Programme (MRLP).

Mountain-River-Lake Development Programme (MRLP)

Sustainable Development Strategy:

„To manage the lake, the rivers must be harnessed; to harness the rivers, the mountains must be developed, to develop the mountains, poverty must be alleviated.“
Current Situation of Poyang Lake Basin

MRLP achievements during the last 20 years:

- Forest coverage almost doubled (current 60.5%);
- Significant reduction of soil erosion

Current problem: the water level of Poyang Lake is in decline in recent years.

The Poyang Lake Eco-Economic Zone

2008, Poyang Lake Eco-Economic Zone, developed by Jiangxi Provincial Government

In December 2009 the State Government included this strategy into its national one.

The Poyang Lake Eco-Economic Zone covers

- 3 cities (Nanchang, Jingdezhen, Yintan) and
- 38 counties,
- total land area of 51,200 square kilometers
- total population of 20.06 million.
Objectives of Poyang Lake EEZ

**Short term Objective (2009-2015)**
Remarkable achievements in environment protection should be reached, particularly in terms of water quality (grade 3 is a minimum requirement), air quality (grade 2 is required), increase of biodiversity, increase of both forest coverage and forest quality (number of tree varieties)

**Long term Objective (2016-2020)**
To construct a sustainable eco-security system
To build a high effective eco-industry cluster
To create a new type of eco-city cluster
To establish a well-off society in the center part of China
Contact us

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