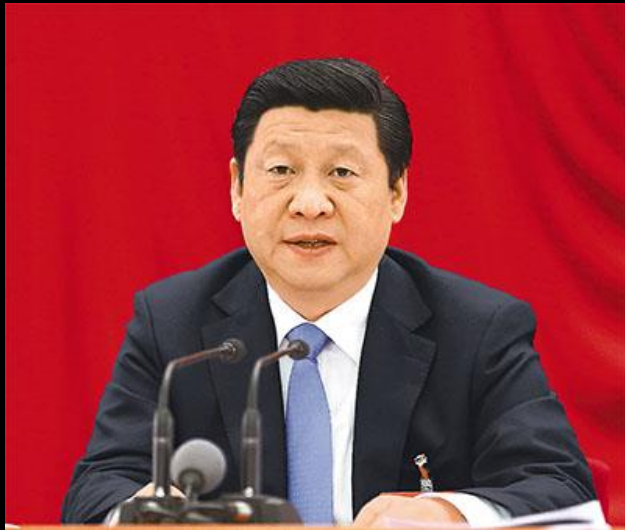


National Development & Security

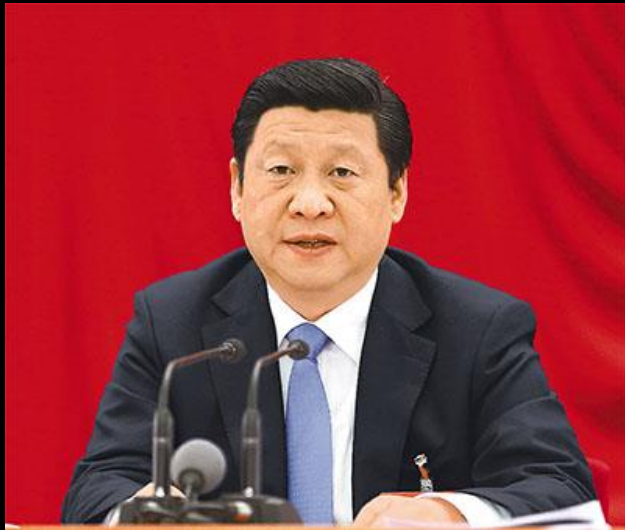


The Ecological Civilization
of the 21st Century

“Clear waters and lush mountains are
gold and silver.

We will not trade them for gold or silver.”

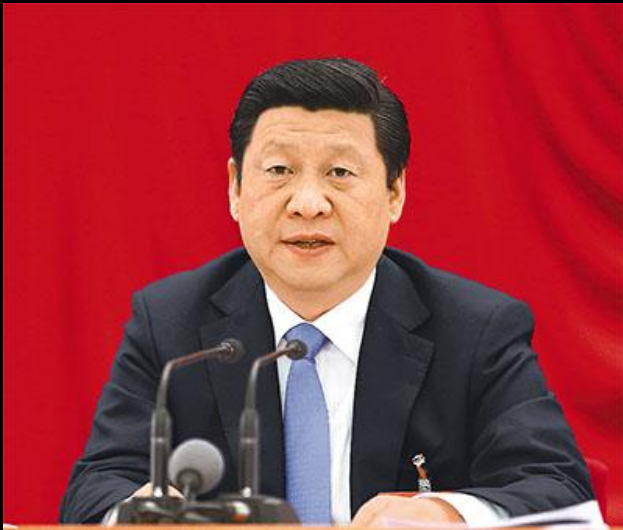
National Development & Security



The Ecological Civilization
of the 21st Century



National Development & Security



The Ecological Civilization of the 21st Century

1. Where and how much to protect?
2. How to secure nature and livelihoods?
3. How to move beyond GDP?

Green Growth in China

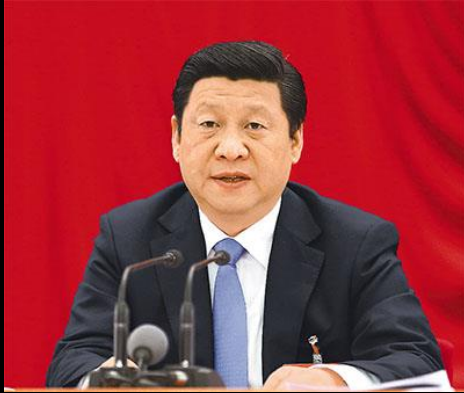


*The Ecological Civilization
of the 21st Century*

China is building:

1. System of natural capital accounts

Green Growth in China



*The Ecological Civilization
of the 21st Century*

China is building:

1. System of natural capital accounts

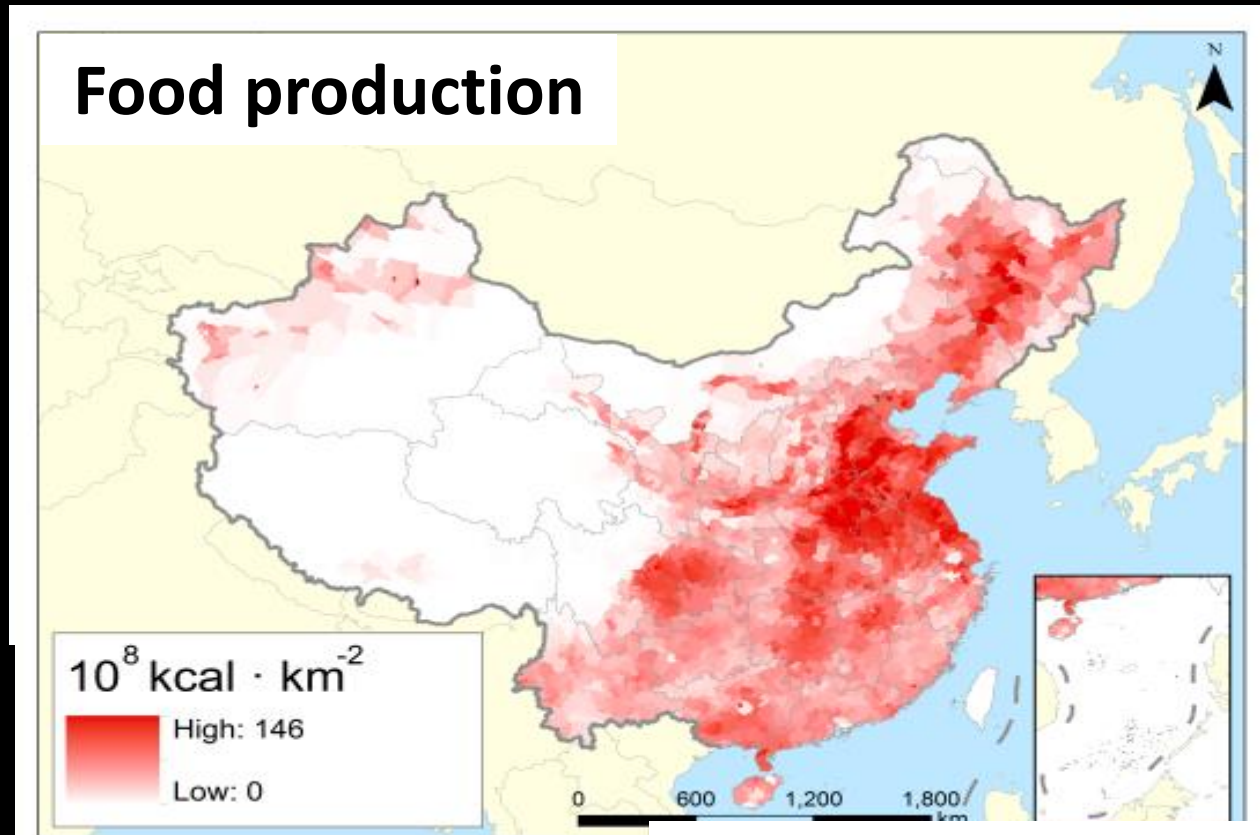
InVEST

integrated valuation of
environmental services
and tradeoffs

natural
capital
PROJECT

Green Growth in China

SYSTEM OF NATURAL CAPITAL ACCOUNTS

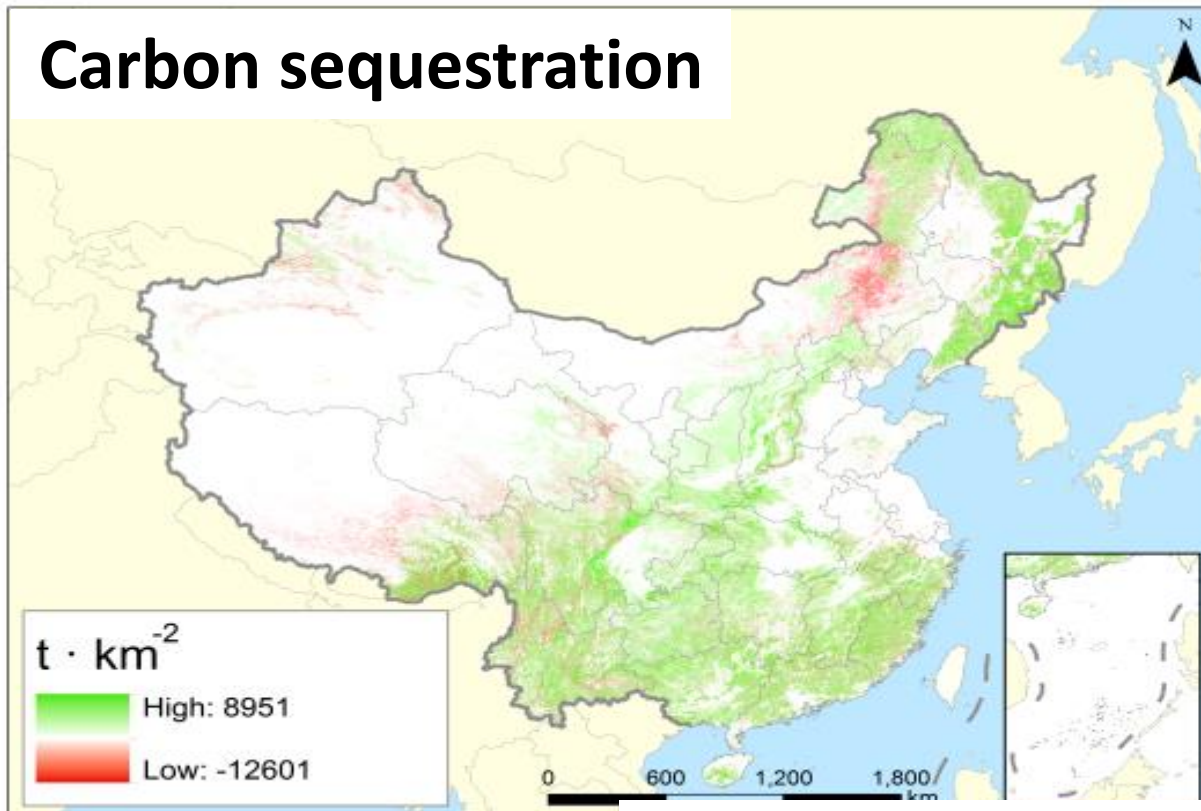


(Ouyang et al. 2016 *Science*)

Green Growth in China

SYSTEM OF NATURAL CAPITAL ACCOUNTS

Carbon sequestration

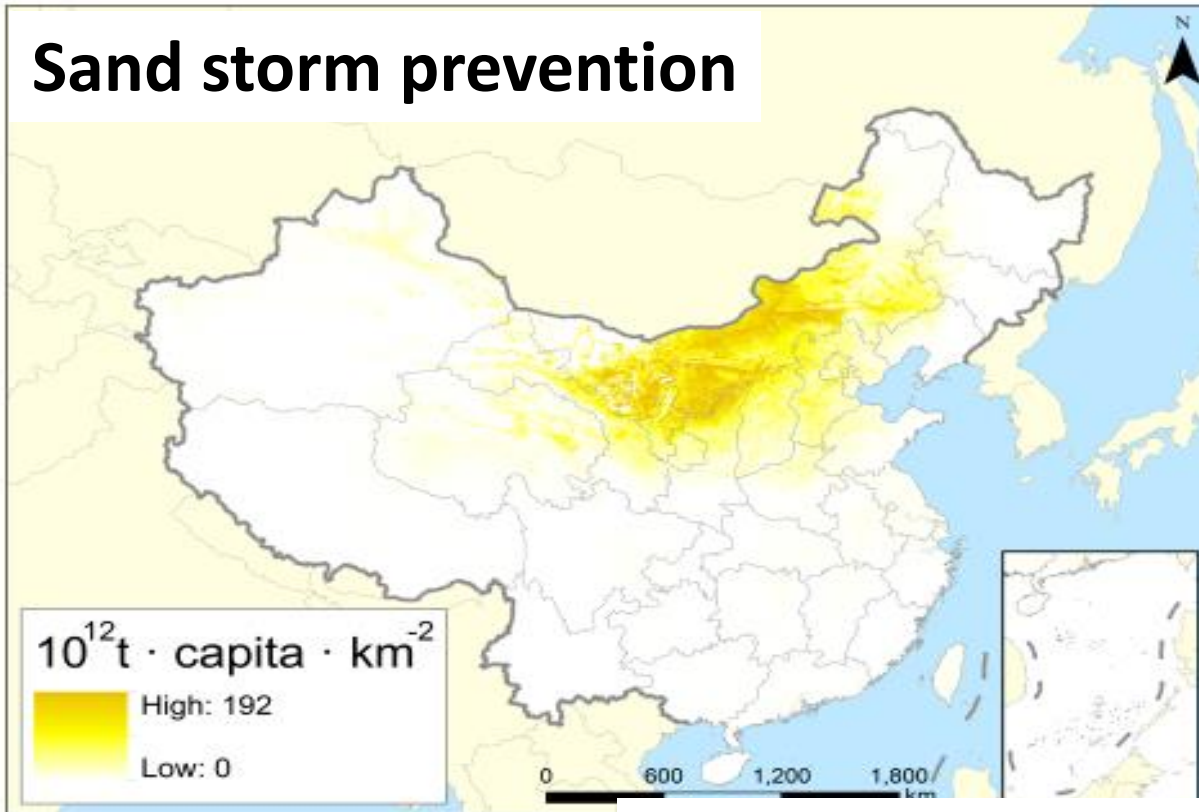


(Ouyang et al. 2016 *Science*)

Green Growth in China

SYSTEM OF NATURAL CAPITAL ACCOUNTS

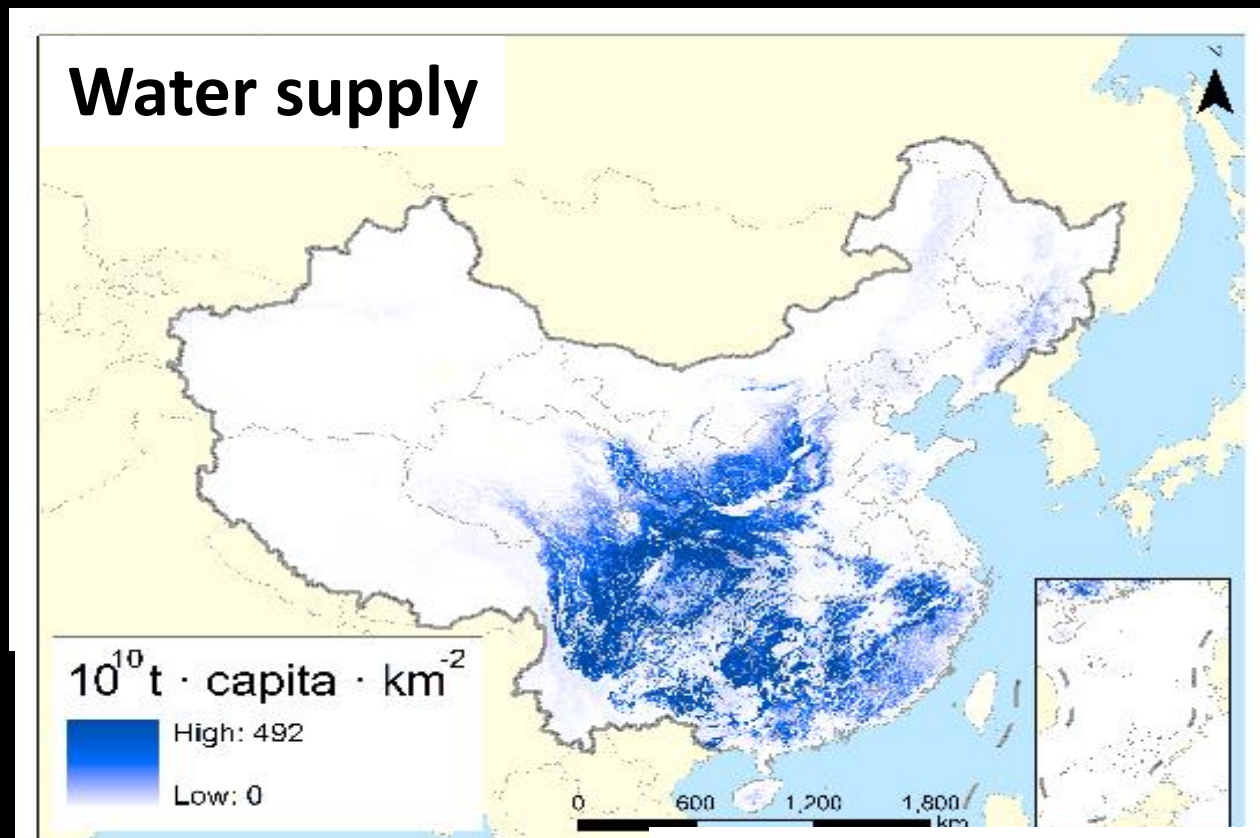
Sand storm prevention



(Ouyang et al. 2016 *Science*)

Green Growth in China

SYSTEM OF NATURAL CAPITAL ACCOUNTS



(Ouyang et al. 2016 *Science*)

Green Growth in China

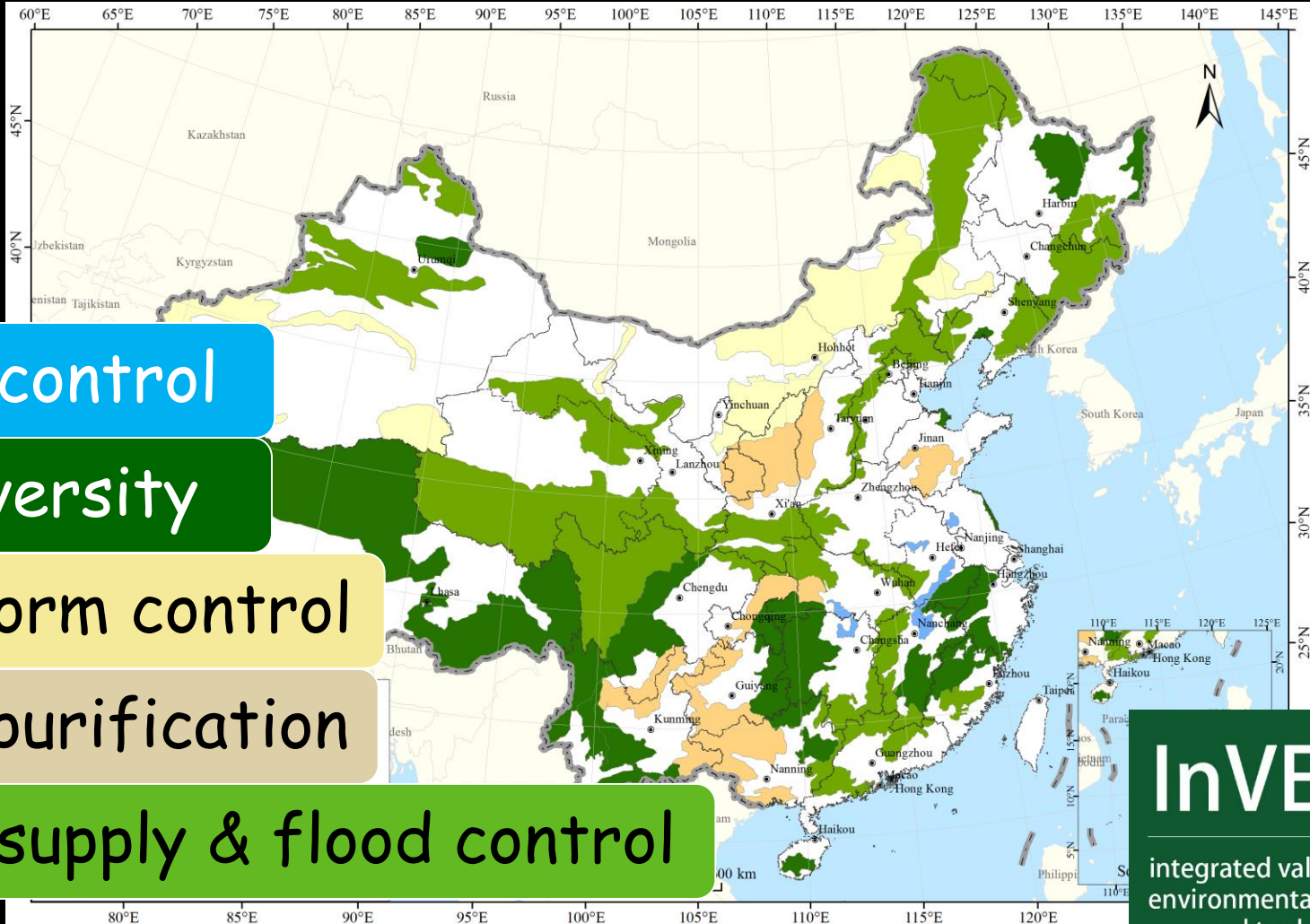


*The Ecological Civilization
of the 21st Century*

China is building:

1. System of natural capital accounts
2. System of conservation & restoration investments

Ecosystem Function Conservation Areas



flood control

biodiversity

sandstorm control

water purification

water supply & flood control

InVEST

integrated valuation of
environmental services
and tradeoffs



natural
capital
PROJECT

InVEST

integrated valuation of
environmental services
and tradeoffs

200 M people being paid to restore natural capital

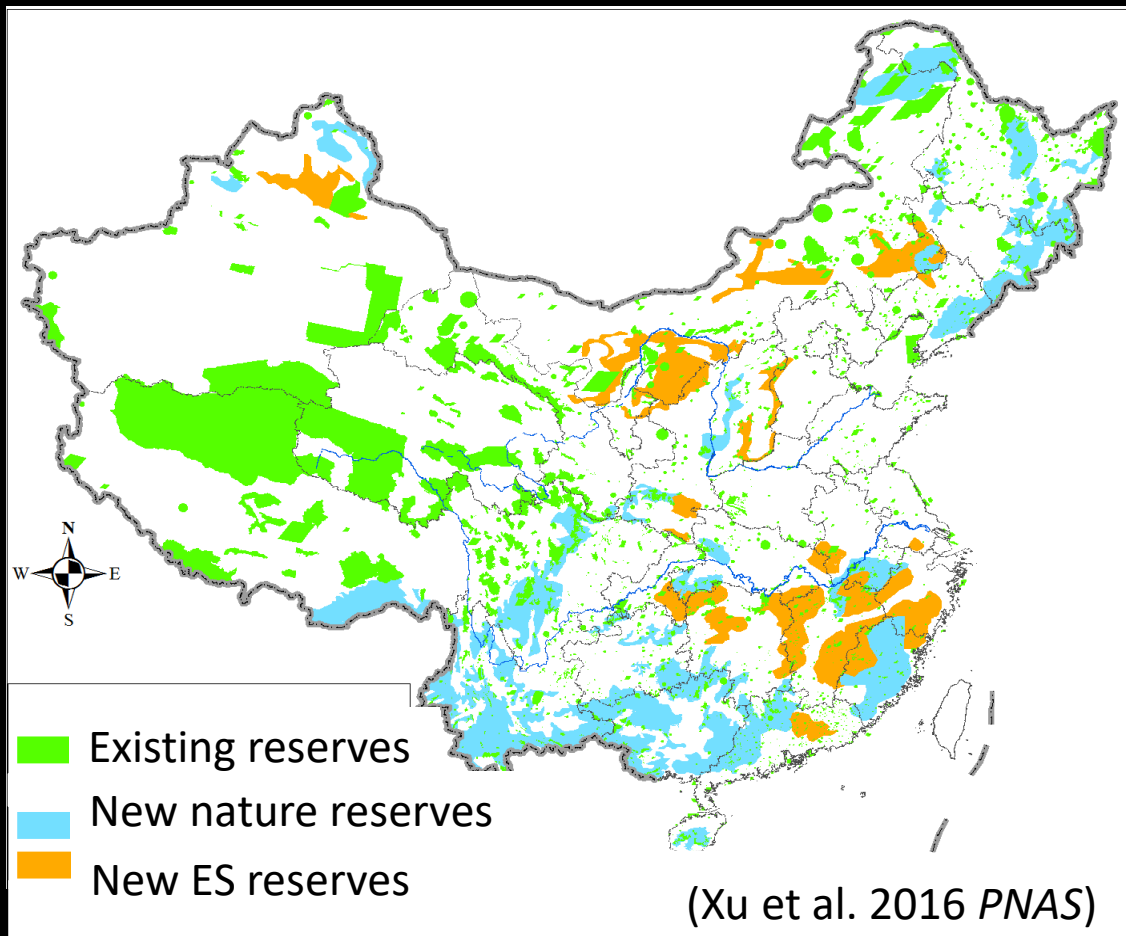


natural
capital
PROJECT

InVEST

integrated valuation of
environmental services
and tradeoffs

Formalized & Expanded National Park System



Green Growth in China



The Ecological Civilization of the 21st Century

China is building:

1. System of natural capital accounts
2. System of conservation & restoration investments
3. System of green finance
 - a. GEP

Gross Ecosystem Product

NEW SYSTEM OF GREEN FINANCE



GEP – the total value of ecosystem goods and services supplied annually

Green Growth in China



The Ecological Civilization of the 21st Century

China is building:

1. System of natural capital accounts
2. System of conservation & restoration investments
3. System of green finance
 - a. GEP
 - b. Green growth policies

Green Growth in China

A COMPREHENSIVE SYSTEM OF GREEN FINANCE



natural
capital
PROJECT

InVEST

integrated valuation of
environmental services
and tradeoffs

200 M people being paid to restore natural capital

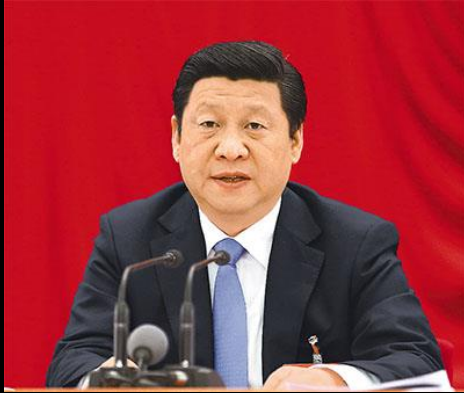


natural
capital
PROJECT

InVEST

integrated valuation of
environmental services
and tradeoffs

Green Growth in China



The Ecological Civilization of the 21st Century

China is building:

1. System of natural capital accounts
2. System of conservation & restoration investments
3. System of green finance
 - a. GEP
 - b. Green growth policies
 - c. Pilots – counties, cities, provinces, nation

Co-Developing Urban InVEST

SUSTAINABLE LIVABLE CITIES



Starting with:

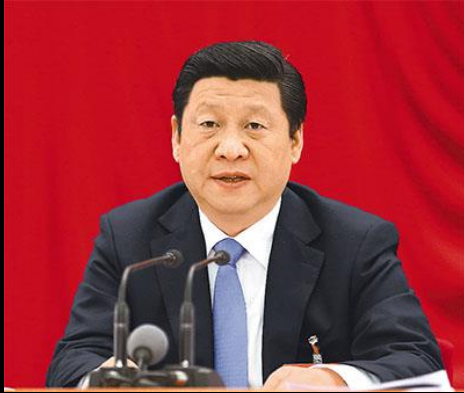
Beijing

Dalian

Shenzhen

Shanghai

Green Growth in China

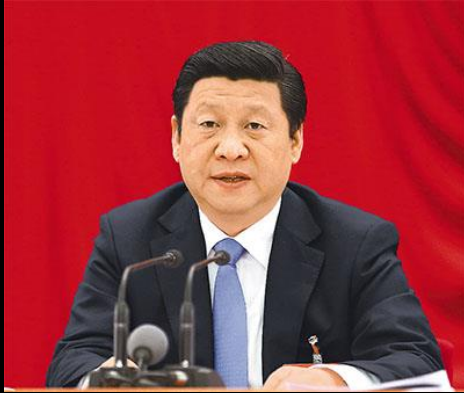


The Ecological Civilization of the 21st Century

China is building:

1. System of natural capital accounts
2. System of conservation & restoration investments
3. System of green finance
 - a. GEP
 - b. Green growth policies
 - c. Pilots – counties, cities, provinces, nation
- and China's global footprint?

Green Growth across the World?



The Ecological Civilization of the 21st Century

China is building:

1. System of natural capital accounts
2. System of conservation & restoration investments
3. System of green finance
 - a. GEP
 - b. Green growth policies
 - c. Pilots – counties, cities, provinces, nation
 - d. Transformation across the world?