## The Country's Most Strict Groundwater Management System

#### 中国の最も制限された地下水管理システム

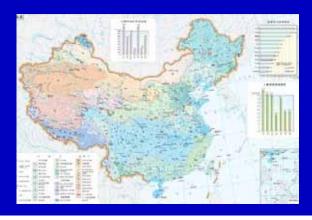
Jianqing Yang, Ph.D Centre for Groundwater Monitoring Ministry of Water Resources, China 13<sup>th</sup> July 2010, Yokohama

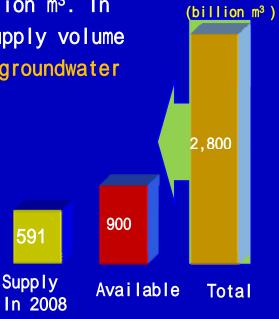
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#### Groundwater resources in China 中国の地下水資源

China enjoys the total volume of water resources at about 2,800 billion m<sup>3</sup>. In year 2008, the total water supply volume reached 591 billion m<sup>3</sup>, where groundwater contributes about 18.3%.





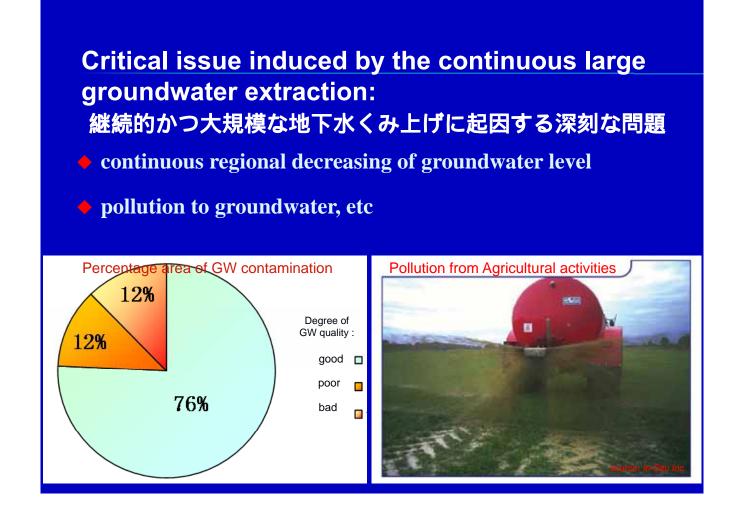
>about 40% of agricultural land relies on groundwater for irrigation

nearly 60% cities relies on groundwater being the sources of water supply



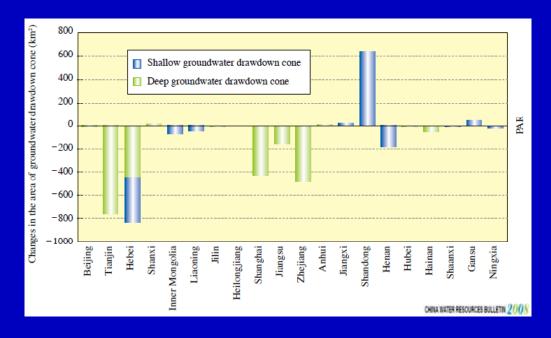


cnsphoto



### Changes in the area of groundwater drawdown cones in part of PARs, 2008

### 地下水位の低下(2008年)



### 2. The most strict GW management 最も制限された地下水管理

Establishment of "the most strict water resources management system" was initiated in 2009 by the Ministry of Water Resources.



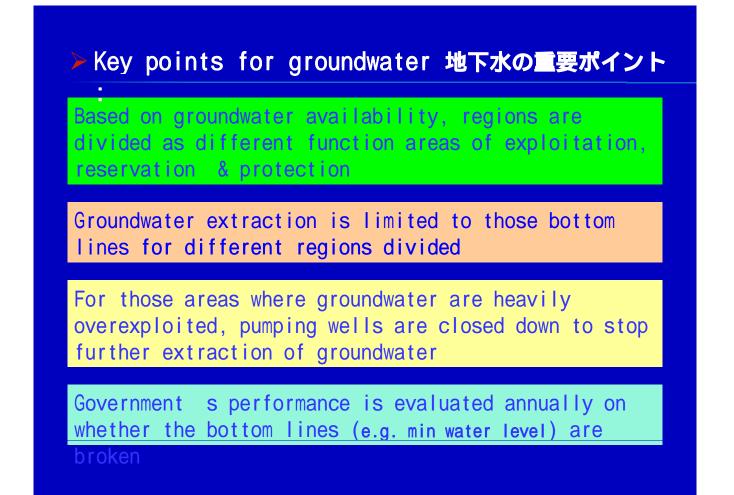
实行最严格水资源管理制度。 工作方案。

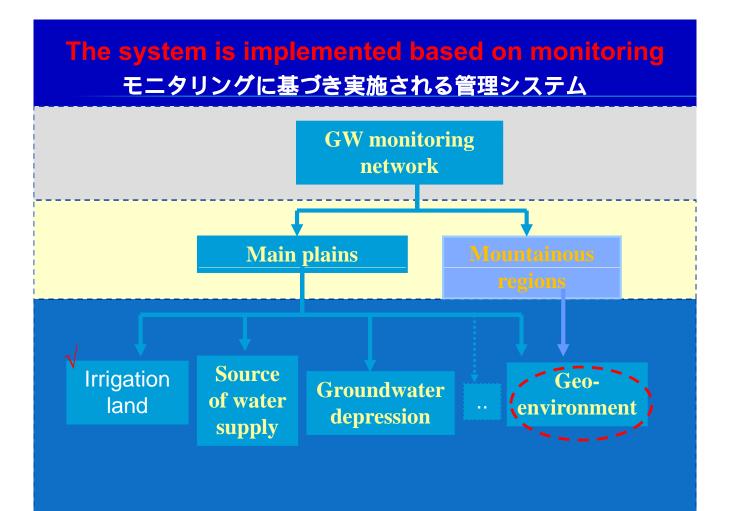
The most strict water resources management system work plan

> 水利部水资源司。 二〇一〇年三月。

**Ministry of Water Resources** 







### 3. Expectations 期待される成果

- > Restoration of groundwater levels
- Reduced contamination to groundwater
- Improved water utilization efficiency
- Rational water allocation by integrating surface water and groundwater

To achieve above goals, more need to do on policy, manage technique, education & advocacy, public participation...

# Thank you for your attention Arigato gozaimasu !