

# The construction of property rights system of water resources assets in Beijing

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## Objectives

The construction of property rights system for water resources assets is an important measure to improve the socialist market economy system with Chinese characteristics in the new era and to build beautiful China, and is a realistic demand for the development of ecological civilization. This research focuses on the shortage of water resources and water ecological space management in the mega-city of Beijing, considers the systemic relationship between water and basin, clarifies the rights and responsibilities of water property and management, and defines the connotation and rights of ownership and water right. Finally, the policy suggestions for proposing key directions and core points of water resources property rights system reform and deepening the construction of water resources assets property rights system in Beijing are proposed.

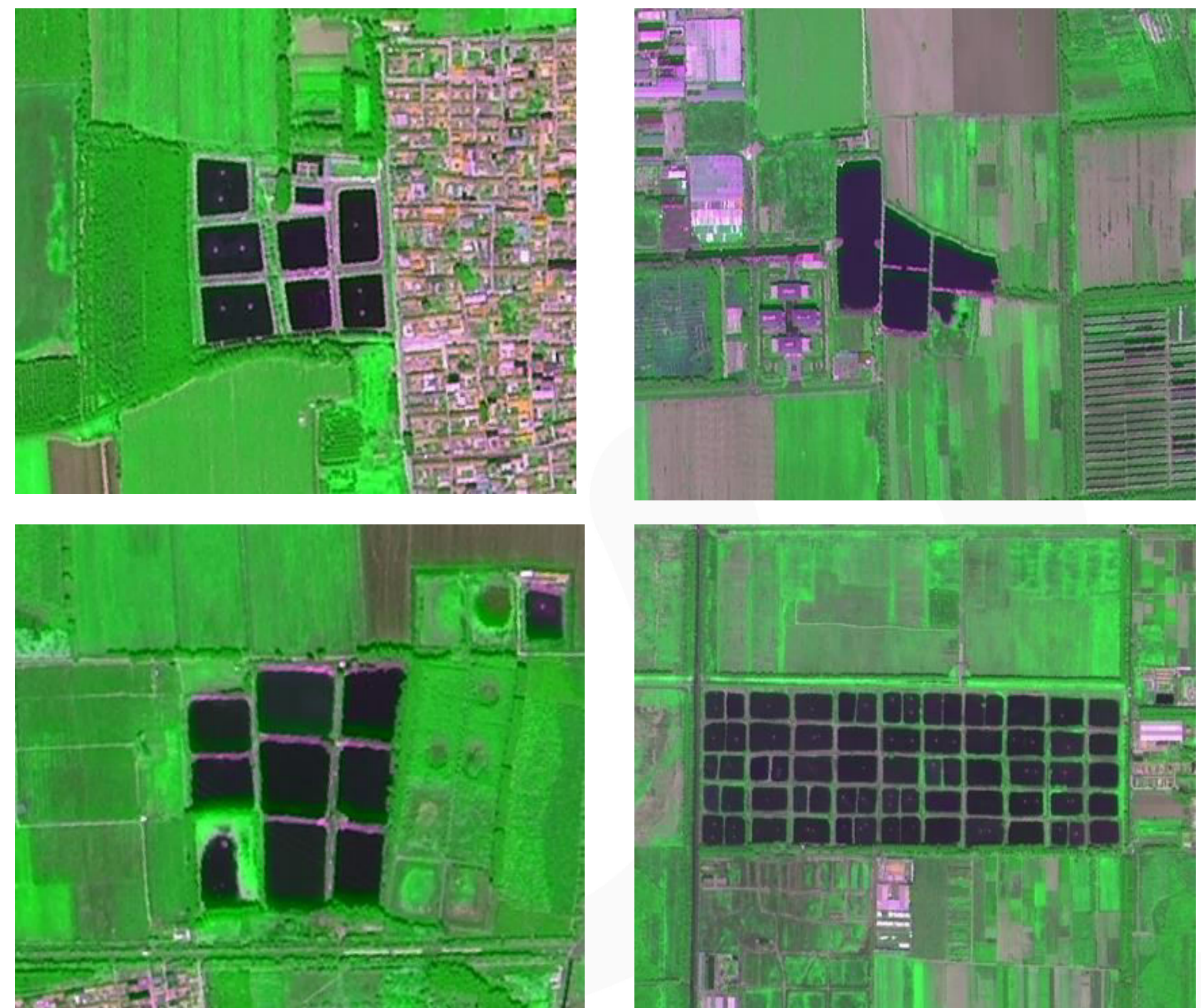
## Methods

The spatial remote sensing image method is used to calculate the property rights coverage of water flow resources in Beijing, and then optimized according to the actual research results.

## Results

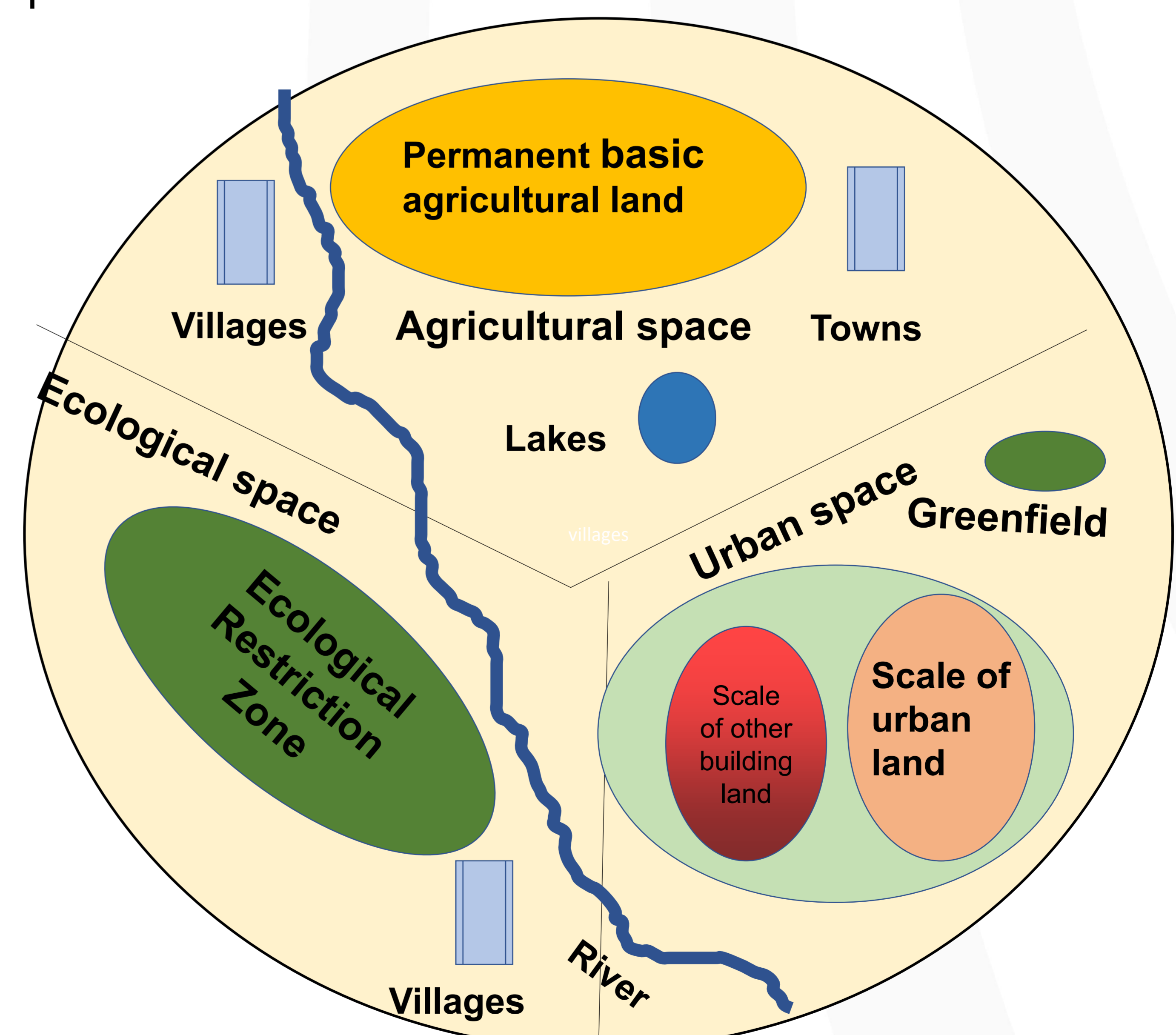
Establish a dynamic adjustment mechanism for ownership, water use and abstraction rights, and realize the adjustment and optimization of the total water use control index.

The water ecological space delineated of Beijing according to the standard provides support for the establishment of property rights of Beijing's water flow resources.



## Conclusions

- ◆ More resource types and tenure units, difficult to manage in an integrated manner
- ◆ Water resources registration system has not yet been established, there is a problem of unclear rights and responsibilities
- ◆ There are rural residential bases, industrial plants and other construction sites within the management area of rivers and lakes, and there is a certain potential risk of water environment



Spatial classification of water resources