

**Study on the key issues and assessment approaches of water ecological civilization
construction in rural area**

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Abstract: The current rural environment need to be solved urgently as rapid urbanization and ecological civilization, as a “source of life” the aquatic environment is undoubtedly the most important problems among priorities of environmental governance and protection. How to define the rural aquatic environment is healthy or not, what is the main characteristics of unhealthy water environment? How to analysis the reason of unhealthy and cope some strategies? All of the above things are need to be solved urgently. There are many ecological health assessment methods as the representative of river health assessment in large-scale, but there are few ecological health assessment methods for village ponds, ditches, kiln pit, and other water in small-scale. We discussed the characteristics of the rural water ecosystem are scattered, broken, and social strongly property, summarized the existing rural water ecosystem health assessment methods, proposed rural water ecological civilization construction strategy.

Key words: rural area; water ecological civilization; healthy assessment