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Water is a big issue in the world. As we enter the 21st century, the global water crisis threatens the security, stability and environmental sustainability of all nations, particularly those in the developing world.



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Sensitivity analysis shows that rainfall changes in the Huai River Basin have a much bigger impact on its water resources quantity than changes in its air temperature.



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Water is the foundation of an arid ecological system, as the quantity and quality of surface water and groundwater determine its structures and functions.



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The microbial contamination in drinking water can cause both acute and chronic damages to human health.