

Climate Changes and Water Resources in Taiwan History

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Water is essential to life and is central to welfare and sustainable development of the society. The movement of water cycle, also known as hydraulic cycle, is sensitively related to climate change. This paper starts with a general description of climatic conditions and water resources in Taiwan and then focuses on climatic disasters caused by typhoons and droughts. Under these circumstances, how people utilized water resources and produced wastewater, as well as controlled water pollution. The historical experiences of Taiwan reflect that Taiwan should devote more efforts to protect water sources, control water pollution, and promote ways of water conservation. From a global perspective, a great challenge in the twenty-first century is how to satisfy the people in the world with enough food, clean water, sanitation and health. The impacts of climate change on water resource are important issues for us to think over and take actions seriously and carefully.

Keyword: climate change, climatic disaster, water resource and utilization

