

Persisting in Water Conservation and Strengthening Water Resources Management

1. Title

Persisting in Water Conservation and Strengthening Water Resources Management.

2. Background

Changes in temperature, precipitation, evapotranspiration and sea level caused by climate change are directly related to water. Climate change has changed the hydrological cycle, resulting in increased volatility in regional precipitation and increased uncertainty of water resources system in the future. Since 2000, affected by multiple factors such as climate change and human activities, precipitation over major river basins in China has generally declined, and surface water resources have generally decreased as well, with water resources of the northern regions having decreased the most significantly. The Chinese government fully recognizes the impact of climate change, and actively adapts to it by transforming the ideas and concepts of water resources management. In 2019, “Persisting in Water Conservation and Strengthening Water Resources Management” was made the propaganda theme of China Water Week.

3. Overview

The proposed initiatives take water conservation as a prerequisite for water resources development and utilization. To increase water conservation efforts, to strengthen water resources development and utilization management , to control the total amount of water resources , to promote new technologies and techniques for water conservation, to develop water-saving industries, and to improve water use effectiveness and efficiency, they are all effective ways to react to the impact of climate change on water resources systems.

4. Implementation

The proposal can be implemented on the global scale, by fully utilizing the role of countries, governments at all levels and international organizations, and non-governmental organization.

Ministry of Water Resources (MWR), People’s Republic of China