



Green China, green watershed

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Abstract Green development is made up of development approaches towards ecology, society and economics. The basic plan behind its development is the buildup of green wealth and human welfare to achieve the harmony among nature and humanity. Presently tremendous work has already been done on green development. However, still it is necessary to start with the top-level design of ecological watershed and tapping more focus on core building areas such water safety, water resources, drinking water, aquatic ecology, water landscape, water culture, water management and water economy. This study aims to reviews the background and concepts for relationship between the above key core construction concepts for green watershed management. The paper identifies that human and nature is a community of life, and mankind must respect nature, conform to nature, give priority to protection and attain natural recovery. This focuses on social and economic sustainable development for water supply and demand balance, water safety to ensure people's lives and property safety, health of drinking water, sustainability of aquatic plant, animal and microbial system, and importance on water landscape and economy. The keynote could value to public attraction like touristy activities, water management technologies (i.e. big data, cloud computer, etc), and water culture including landscape forest lake grass, green development, green life and human and water harmony. The proper definition of these terms for scientific community will better address the needs of decision makers and establishment of an effective ecological watershed, and the definition is committed to sustainability of watershed and greater focus for researcher in China and other countries around the world.

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