

Analysis of the principal–agent relations of water resource management of the East Route of the South-to-North Water Transfer Project

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Abstract The paper adopts principal–agent theories of information economics to analyse water resource management of the South-to-North Water Transfer. After stating the principal–agent relationship structure of water resource management of the East Route of the South-to-North Water Transfer, it designs an operation mechanism for the principal–agent relationship: signal showing, cooperation and motivation; gives basic concepts and models for the mechanisms; and puts forward further research directions for the principal and agent of the water resource management of the East Route of the South-to-North Water Transfer.

Key words East Route of South-to-North water transfer; water resource management; principal–agent; operation mechanism
