

	Water Transfer	Water Storage	Desalinization	Water Conservation
advantages	1.satisfy urgent water demand	1.easy to handle 2.build ecological environment for local animals	1.adequate sea water supply 2.generate other by-product 3.supply quality water	1.low cost 2.easy to implement
disadvantages	1.high construction costs 2.long construction period	1.may induce earthquake 2.high operation costs	1.require high-tech	1.time lag of water demand changes
applicable conditions	1.uncertain water demand	1.certain water demand of downstreams 2.large reservoir capacity	1.costal areas 2.developed areas	1.urban areas