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Cat Shrier is one of the nation's leading experts on national regulatory and policy issues related to aquifer storage and conjunctive water management. Cat served on the National Academy of Sciences Study Committee on Managed Underground Storage of Recoverable Water (e.g. Aquifer Storage Recovery or "ASR" and recharge basins), which published its report in January 2008. She authored the chapter section on regulatory issues in the Second Edition (2007) of David Pyne's *Aquifer Storage Recovery: A Guide to Groundwater Recharge Through Wells* – the only textbook on aquifer storage.

In March 2008, Cat organized a national forum on policy, permitting, planning, and public perception issues associated with managed underground storage of recoverable water. This forum - hosted by the National Research Council and co-sponsored by the Ground Water Protection Council, National Ground Water Association, and Groundwater Resources Association of California - was attended by 25 states and 3 federal agencies, with 20 speakers representing the perspectives of water agencies, water providers, engineering consultants, and law firms.

Cat's work has primarily involved conjunctive use of groundwater and surface water resources; groundwater management; groundwater and surface water hydrology studies and environmental impact assessments; water and wastewater reuse; multicriteria decision analysis incorporating spatial analysis and knowledge bases; water and watershed planning programs; integration of aquatic and riparian habitat criteria with water management decision analysis; and water policy.

She previously worked with several large and medium-sized environmental consulting firms and as an independent consultant. As a Senior Water Resources Planner and Engineer with a large environmental consulting firm in the Calgary, Alberta, and Denver, Colorado, offices, she led hydrology and hydrogeology baseline studies and environmental impact assessments, water and wastewater management to industrial and public agency clients. Cat was a regional business development director for water resources projects in the Southwestern United States. Cat previously founded Cat Shrier Water Resources, a consulting practice which provided support on water resources regulatory interactions and public involvement on water resources management issues.

Since 1984, Cat has worked with and for federal and state legislative offices and regulatory agencies in Washington, DC; New Jersey; Virginia; North Carolina; Colorado; and Alberta, primarily on water resources and environmental policy and planning. Cat's clients have also included public and private companies in the water utility, oil & gas, power, and mining sectors; educational institutes; water users and other stakeholder organizations.