Stochastic Hydrology and Hydraulics

"Stochastic Hydrology and Hydraulics" will publish research papers, reviews and technical notes on stochastic and probabilistic approaches to hydrology and hydraulics by covering all processes of the hydrological cycle including water quality. It is expected that the contributions will encompass a wide range of theory and applications including stochastic differential equations in hydrology and hydraulics, parameter estimation and identification techniques, random hydrodynamic fields, multivariate analysis, real-time hydrologic forecasting, extreme value statistics, reservoir theory, geostatistics, stochastic control and programming, contaminant transport in random environment, wave problems, chaotic systems, stochastic turbulence modeling, stochastic boundary layer problems, risk and reliability analysis

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After the sudden death of Prof. T E. Unny the new Editor of "Stochastic Hydrology and Hydraulics" will be **Prof. J. H. Cushman,** Dept. of Agronomy, 1150 Lilly Hall of Life Science, Purdue University, West Lafayette, IN 47907, USA, *tel.: (317) 494-8040, fax (317) 494-6508*

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Mathier, L.; Perreault, L.; Bobee, B.; Ashkar, F. — The use of geometric and exponential distributions for frequency analysis of water deficit

Lloyd, E. H.; Warren, D. — The GF algorithm for reservoir storage, yield and spillage distributions for non-seasonal and seasonal independent inflow processes

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Tatano, H.; Okada, N.; Kawai, H. — Optimal operation model of a single reservoir with drought duration explicitly considered