Post-Doc position: stochastic optimization of hydropower systems.

A Post Doctoral position in stochastic optimization of hydropower systems is available at the University of British Columbia in Vancouver. The position is sponsored by an NSERC CRD grant and by a grant from BC Hydro and will be expected to hold a Ph.D. in civil engineering, electrical engineering, computer science, operations research or a related field. Ideally the successful candidate will have experience in developing and implementing Approximate Dynamic Programming (ADP) methods including Reinforcement Learning (RL)/ Multi-agent RL, Sampling Stochastic DP and Robust Optimization algorithms to solve practical large scale stochastic optimization problems using mathematical programming languages and solvers and computer programming languages. Expertise in parallel and distributed computation will also be an asset.

The job announcement for this position are posted on our university jobs websites:

https://www.civil.ubc.ca/our-department/career-opportunities

Sincerely,

Ziad Shawwash