



**CAPES/PROEX PPGSHS EESC-USP International Water Lectures for a Society Under Change Course hosts the new CAPES School of Advanced Studies for Water & Society Under Change (SASW&SC) and FAPESP Projects with:**

## **Infrastructure systems under changing climate – Challenges and opportunities**



**Prof. Dr. Slobodan Simonovic**  
**University of Western Ontario, Canada**  
**September 9, 2019, 16:30h, CeTISC, USP São Carlos, Campus 1, Brazil.**

**Context:** The 2019 CAPES School of Advanced Studies of Water & Society under Change (SASW&SC) is divided into six different modules. SASW&SC's modules share interdisciplinary objectives and crosscutting issues related to running projects through INCTMC2, INCLINE, CEPED/SP, and CEPID/CeMEAI, developed by local and international institutions. All SASW&SC visiting professors are worldwide experts allocated through a mix of open talks, lectures, workshops and seminars, according to their experiences and recent published articles in journals. In this new SASW&SC module, climate change, water security and resilience are addressed with potential solutions for the 2019-2035 Brazilian Water Security Plan, promoted by Agência Nacional de Águas. Climate change has been raising attention in our society, but it still needs a clear linkage to water security plans, resilient infrastructure and sustainable development goals. Thus, the research alliance among EESC-USP, UFPE and UFCG, promotes this 2019 SAWS&SC module to discuss and develop these pathways under private-public partnership.

**Short Bio:** Prof. Dr. Slobodan Simonovic is currently Professor Emeritus at the Department of Civil and Environmental Engineering, University of Western Ontario and Director of Engineering Studies with the Institute for Catastrophic Loss Reduction. Prof. Simonovic is globally recognized for his unique interdisciplinary research in Systems Analysis and the development of deterministic and stochastic simulation, optimization, and multi criteria analysis decision-making methodologies for addressing challenging system of systems problems lying at the confluence of society, technology and the environment. His research has been applied with a sustainable development perspective in water resources management, hydrology, flooding, energy, climate change and public infrastructure. His main contributions include modelling risk and resilience of complex systems. Prof. Slobodan received more than 50 awards for excellence in teaching, research and outreach. I published over 550 professional publications (264 in peer reviewed Journals) and three major textbooks (translated into Chinese and Farsi). His Hirsh Index of 52, i10 Index of 195, and over 10,500 citations are excellent for his interdisciplinary field of research. More information: <http://www.slobodansimonovic.com/>

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