The CAPES/PROEX PPGSHS EESC/USP, in association with Federal University of Pernambuco and Federal University of Campina Grande, will host the CAPES School of Advanced Studies of Water & Societies under Change at the
<u>Anfiteatro do CETISC (USP São Carlos)</u>

SCHOOL OF ADVANCED STUDIES OF WATER AND SOCIETIES UNDER CHANGE – CHALLENGES OF SANITATION PROCESSES BY

Prof. Dr. Nick Hankins
University of Oxford, United Kingdom

Context: The School of Advanced Studies of Water & Society under Change is divided into six different modules, which share same objectives of other running projects developed by local and international institutions. Every visiting professor, from national and foreign institutions, were allocated according to their experiences at their home institutions and recent published articles in journals. For the module "Challenges in Sanitation Processes", the EESC-USP will receive some frequent visiting professors from foreign institutions in order to share experiences about recent advances in the fields of sanitation methods and technologies. The visitors will talk about how sanitation engineering is evolving in their country and local professors will be able to compare and contrast their findings with them. SASW&SC invited representatives of SAAE-Sao Carlos (Water Facility), International Institute of Ecology (IIE), FioCruz Foundation, Univ. of Oxford and Univ. of Texas San Antonio, to share their lessons learnt and findings around water-health-resilience nexus.

Short Bio: Prof. Hankins grew up in the Peak District of Derbyshire, and went up (though by no means geographically) to read the Chemical Engineering Tripos at Trinity College, Cambridge. He's doctoral and post doctoral research was at Oklahoma University and Pennsylvania State University in the USA and, in the UK, at Bristol University. After that he spent several exciting and eventful years, first with Shell Exploration and Production Research based in The Hague, Holland, then with Aspen Technology – an engineering simulation software company – back in Cambridge. Then, Prof. Hankins spent six years as a lecturer at the University of Nottingham and arrived at LMH as a Chartered Engineer. Recently, he have established the Oxford University Centre for Sustainable Water Engineering at the Begbroke Science Park. This Group's research activity focuses on four main areas: the supply of clean, potable drinking water, including low energy desalination of brackish and sea-water; waste-water treatment and water reuse; and industrial process water treatment and recycling. Underpinning all of their work is the application of colloidal systems, nanotechnology and membrane processes. Their work is highly interdisciplinary, and currently involves engineering, microbiology, chemistry, mathematics, and the social sciences.

#SASW&SC

Watch us live! Click here

Registration: Free-of-charge, limited positions. Send email to emm@sc.usp.br and marinabatalini@usp.br. **Live Streaming:** e.usp.br/cetisc-aovivo. **Credits:** only for enrolled participants. Registration at the Graduate Programme in Hydraulics and Sanitation Engineering – University of São Paulo, Federal University of Pernambuco and Federal University of Campina Grande. **More information:** www.eesc.usp.br/ppgshs

Class Schedule (*CAPES SAWS&SC, compulsory attendance of students):

Monday - 29/04:

8:00-12:00h: SAWS&SC Class*: Prof. Nick Hankins, Univ. of Oxford
17:00-18:30h: **USP Lecture*** (open for all): The Clean Water Challenge: How do We Ensure a Sustainable Supply - Prof. Nick Hankins, Univ. of Oxford

Tuesday - 30/04:

8:00-12:00h: SAWS&SC Class*: Prof. Nick Hankins, Univ. of Oxford

Wednesday - 01/05:

Holliday (in Brazil) – There will be no activity

Thursday - 02/05:

17:00-18:30h: **USP Lecture*** (open for all): Prof. Marcio Giacommoni, Univ. Texas San Antonio

Friday - 03/05:

8:00-12:00h: "Water-Health-Resilience Workshop" * (SAAE-Sao Carlos, IIE, Univ Oxford, UTSA, UWarwick, FioCruz, UFSCar, USP, UFPE, UFCG)

Place of Transmission and Classes: CeTISC

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