



PGS-GRADUAÇÃO em ENGENHARIA  
**HIDRAULICA e SANEAMENTO**  
PPG-SHS USP/SÃO CARLOS



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

Anfiteatro do CETISC (USP São Carlos) 02/December – 06/December

## SCHOOL OF ADVANCED STUDIES OF WATER AND SOCIETIES UNDER CHANGE BY



**PATRICIA GOBER**  
ARIZONA STATE UNIVERSITY

Patricia Gober is a research professor in the School of Geographical Sciences and Urban Planning at Arizona State University as well as professor of Public Policy in the Johnson-Shoyama Graduate School of Public Policy at the University of Saskatchewan and affiliated faculty in the Global Institute for Water Security at the University of Saskatchewan.



**XIMING CAI - CANCELLED**  
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAING

Professor Cai's research areas include coupled human-natural system analysis with an emphasis on human interferences in hydrological processes, water-energy-food system modeling especially in dry areas, and sustainable water resources management particularly in developing countries. He has been named a 2019 Fellow of the American Geophysical Union AGU.



**HOWARD WHEATER**  
IMPERIAL COLLEGE LONDON  
UNIVERSITY OF SASKATCHEWAN

Howard Wheeler is a researcher in the Global Institute for Water Security at the University of Saskatchewan and emeritus professor at Imperial College London. Dr. Wheeler also is a Canada Excellence Research Chair in Water Security and a world-leading expert in hydrology and sustainable water resource management.



**MAARTEN KROL - CANCELLED**  
UNIVERSITY OF TWENTE

Maarten Krol joined the University of Twente in 2003 and since contributed to research in integrated water modelling. He worked as a researcher at the National Institute of Public Health and the Environment (RIVM, Bilthoven, Netherlands), the Potsdam Institute for Climate Impact Research (PIK, Potsdam, Germany) and the Universidade Federal do Ceará (UFC, Fortaleza, Brazil).

**Registration:** Free-of-charge, limited positions. Send email to felipeas@usp.br and emm@sc.usp.br. **Live Streaming:** e.usp.br/cetisc-aovivo. **Credits:** only for enrolled participants. Registration at the graduate programs of EESCP-USP, UFCG and UFPE. **More information:** www.eesc.usp.br/ppgshs



	Monday 02-Dec	Tuesday 03-Dec	Wednesday 04-Dec	Thursday 05-Dec	Friday 06-Dec
from 8:00 to 8:30					
from 08:30 to 10:00	<b>OPENING SESSION</b> EDSON WENDLAND EESC DEAN/UNESCO CHAIR	Urban Water Management as a Decision Making under Uncertainty Problem—Moving from Stationarity to Non-stationarity Tools PATRICIA GOBER	<b>WORKSHOP</b> Insurance fund as an adaptation measure for increasing water security in basins under change GABRIELA GESUALDO	Water resource and water quality management in groundwater-dominated catchments HOWARD WHEATER	<b>CLOSING SESSION</b> JOSÉ GALIZZIA TUNDISI UNESCO CHAIR/SECRETÁRIO DE SÃO CARLOS
<b>BREAK</b>					
from 10:30 to 12:00	<b>OPEN LECTURE</b> Building Resilience for Uncertain Water Futures PATRICIA GOBER	Urban Water Management as a Decision Making under Uncertainty Problem—Moving from Stationarity to Non-stationarity Tools PATRICIA GOBER	<b>WORKSHOP</b> Citizen observatory for flood insurance optimization under climate change scenarios HALTON CÉSAR FIALHO	Water resource and water quality management in groundwater-dominated catchments HOWARD WHEATER	<b>FACULTY MEETING: FOLLOW UP</b> MARIO MENDIONDO SASW&SC COORDINATOR
<b>LUNCH</b>					
from 14:00 to 15:30	<b>OPEN LECTURE</b> How does the science community address the challenges of water security in an era of unprecedented change? HOWARD WHEATER	<b>Social Learning for Climate Adaptation</b> PATRICIA GOBER	<b>WORKSHOP</b> Participatory study for Best Management Practices application in rural basins BRUNO SOUSA	Flood and water resource management in arid areas HOWARD WHEATER	
<b>BREAK</b>					
from 16:00 to 17:30	<b>Arjen Hoekstra Water Memorial</b>	<b>Social Learning for Climate Adaptation</b> PATRICIA GOBER	<b>WORKSHOP</b> Assessment on the water supply system of São Paulo Metropolitan Area through socio-hydrological modelling FELIPE A A SOUZA	Flood and water resource management in arid areas HOWARD WHEATER	



Watch us live! Click [here](#)



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