

# Prof Thorsten Stoesser



Professor Thorsten Stoesser is the Leader of the Fluids Mechanics Research Group at the University College London. His research interest is in developing advanced Computational Fluid Dynamics (CFD) tools and their application to solve environmental fluid mechanics problems. Thorsten has published over 100 peer reviewed journal papers on developing, testing and applying advanced CFD methods to predict the hydrodynamics and transport processes in rivers, estuaries and coastal waters, fluid-structure interaction of marine turbines, and the near-

field dynamics of jets and plumes.

For his research Prof. Stoesser received twice the American Society of Civil Engineers (ASCE) Karl Emil Hilgard Hydraulic Prize (2012 and 2016), in 2015 he won the International Association of Hydro-environmental Research (IAHR) Harold Shoemaker Award and in 2016 he won the Institution of Civil Engineers' George Stephenson medal. He has received over £3.5M in funding from industry, government institutions and research councils including the DFG (Germany, NSF (USA) and EPSRC (UK).