

## Gustaf Olsson



Gustaf Olsson is professor in Industrial automation and since 2006 professor emeritus at Lund University, Sweden. His research has included control and automation of water systems, power production, electrical power systems and industrial processes. In recent years, he has focused on the water-energy nexus: how energy exploration, generation and use are related to water availability and quality and how water operations and consumption are depending on energy.

Since 2006 he has shared his time as a guest professor at Chalmers University of Technology, Sweden, the Technical University of Malaysia (UTM) and at the Tsinghua University in Beijing, China. He is honorary faculty member of the Exeter University in UK. He has been the editor-in-chief of *Water Science and Technology* and member of the IWA Board of Directors. In 2010 he received the IWA Publication Award. In 2012 he was the awardee of an Honorary Doctor degree at UTM as well as an Honorary Membership of IWA. In 2014 he has been appointed Distinguished Fellow of the IWA. During the last six years he has been mentoring IWA Young Water Professionals from all continents to develop their scientific writing skills.

Gustaf has authored 11 international books - some of them published also in Russian, German and Chinese - and contributed with chapters in another 19 books as well as about 190 scientific publications. His book *Water and Energy* appeared in 2012 with a 2<sup>nd</sup> edition in 2015. In 2017 he was the editor of a special issue on Water and Energy, published in the open access journal *Global Challenges*. During the last few years he has been invited to several countries and international conferences to present findings around the topic of water and energy. Together with Pernille Ingildsen he has co-authored *Smart water utilities: complexity made simple* (IWA Publishing), published in 2016. In 2018 his new book *Clean water using solar and wind – outside the power grid* has been released.