



Name: Hubert Savenije
Title: Prof. Dr.
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Education

Ph.D. degree, Delft University of Technology, The Netherlands, 1992

M.Sc. degree, Delft University of Technology, The Netherlands, 1977

Present position

Professor of Hydrology at Delft University of Technology (TU-Delft), since 1999; Emeritus Professor since 2018.

Professor of Water Resources Management at IHE-Delft, since 1994; Emeritus since 2018.

Vice-rector of IHE-Delft (UNESCO-IHE), 1996-2003.

Honorary Prof. at East China Normal University, Shanghai, since 2015

Visiting Professor at North China University of Water Resources and Electrical Power, Zhenzhou, April 2024-2027

Extraordinary Professor of Hydrology at University of Western Cape, since 2017.

Visiting Professor at the University of Zimbabwe, Harare, since 1998

Visiting Professor at Hohai University, Nanjing, since 2014

Guest Professor at Northwest University, Xi'An, since 2014

Guest professor at Wuhan University, 2014-2017

Part-time Professor at Sun Yat-Sen University, Guangzhou, 2016-2019

Other Functions

Chief Executive Editor of *Hydrology and Earth System Sciences* (HESS), 2004-2014; Executive Editor of HESS, 2014-2016. Editor of HESS, since 2004.

Editor in Chief of *Physics and Chemistry of the Earth*, 1995-2021

Associate Editor of the *Journal of Hydrology*, 1992-2004

Member of the editorial board of *Surveys in Geophysics*, 2000-2009

President of the *International Association of Hydrological Sciences* (IAHS), 2013-2017

President of the International Commission on Water Resources Systems (ICWRS) of IAHS, 2005-2009

President Hydrological Sciences of EGS, *the European Geophysical Society*, 1998-2002

Member of the Horton medal committee of AGU, 2015-2019

Chairman of the medal committee of the Dalton and Darcy medals of EGS/EGU, 1998-2012

Member Scientific Programme Committee of the World Water Week, 2009-2011

Member Steering Committee WaterNet and WARFSA, 1998-2004

Member of the Scientific and Technical Advisory Panel (STAP) of the Global Environmental Facility (GEF), 2004-2006

President of the Netherlands Hydrological Society (NHV) 2008-2012

National representative for the International Hydrological Programme (Unesco-IHP), 2007-2012

Member of the Board of NWO-WOTRO, 2010-2017

Member of the Committee on Scientific Planning and Review of ICSU, 2012-2015

Member of the Stockholm Water Prize Nominating Committee, 2019-2024

Research Interests Hydrology of River Basins, Estuaries and Deltas, Rainfall-Runoff Analysis, Water Resources Management

Publications More than 290 publications in international journals on Hydrology, Estuary hydrodynamics, Salt intrusion in estuaries, Water Resources Management, and Atmospheric moisture circulation.

H-Index 81 (Scopus), 78 (ISI), 97 (Google Scholar)

Prizes/Awards International Hydrology Prize, Dooge medal, *International Association of Hydrological Sciences (IAHS)*, 2020

Honorary Fellow of Unesco-IHE, Institute for Water Education, 2018

International Ambassador of WaterNet, 2018

International Award of the *American Geophysical Union (AGU)*, 2017

Alexander von Humboldt medal of the *European Geosciences Union (EGU)*, 2015

Fellow of the *American Geophysical Union*, 2014

Darcy medal of the *European Geosciences Union (EGU)*, 2008

Prof. Savenije was born in 1952 in the Netherlands and studied at the Delft University of Technology, in the Netherlands, where he obtained his MSc in 1977 in Hydrology. As a young graduate hydrologist he worked for six years in Mozambique where he developed a theory on salt intrusion in estuaries and studied the hydrology of international rivers. From 1985-1990 he worked as an international consultant mostly in Asia and Africa. He joined academia in 1990 to complete his PhD in 1992. In 1994 he was appointed Professor of Water Resources Management at the IHE (now UNESCO-IHE, Institute for Water Education) in Delft, the Netherlands. Since 1999, he is Professor of Hydrology at the Delft University of Technology, where he is the head of the Water Resources Section.

In 2008 he received the Henry Darcy Medal of the European Geosciences Union for outstanding contributions to Hydrology and Water Resources Management.

In 2010 he received the 'Leermeesterprijs' (Master Award) of the TU Delft, which is an annual award for the most distinguished teacher.

In 2014 he was elected 'Fellow of the AGU' for groundbreaking contributions to our understanding of hydrologic process organization at the macro-scale.

In 2015 Prof. Savenije was awarded the Alexander von Humboldt medal by the European Geosciences Union "for outstanding research in developing regions for the benefit of people and society in the field of hydrology and water resources".

Prof. Savenije has published widely in the fields of hydrology, estuary hydraulics and water resource management. In 2005 he published a book on "Salinity and Tides in Alluvial Estuaries" (second & revised edition freely downloadable). He is chief executive editor of Hydrology and Earth System Sciences (HESS) and editor in chief of Physics and Chemistry of the Earth. He is Past-President of Hydrological Sciences of the European Geosciences Union (EGU), and Past-President of the International Commission on Water Resources Systems of IAHS. Since 2013 he is President of IAHS (the International Association for Hydrological Sciences).

He has worked as hydrologist and water resources engineer in many different parts of the world and particularly in Africa, Asia and South America.