
Philippe Van Cappellen, PhD, FRSC

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Philippe Van Cappellen joined the University of Waterloo as the Canada Excellence Research Chair in Ecohydrology on June 1, 2011. He was previously the Georgia Research Alliance Eminent Scholar in Global Environmental Studies at Georgia Institute of Technology in Atlanta, USA, and a Professor of Geochemistry at Utrecht University in the Netherlands. Van Cappellen obtained his undergraduate degree in earth sciences from the Free University of Brussels and his PhD in geochemistry from Yale University. Van Cappellen's research focusses on the biogeochemistry of soils, rivers, lakes, and coastal environments, the cycles of water, carbon, nutrients and metals, geomicrobiology, geochemical tracers, ecohydrology, global change, and environmental modeling. He has published over 175 peer-reviewed papers and book chapters and supervised around 50 PhD students and postdoctoral associates.

Education/Degrees

BSc & MSc 1981 Geology & Mineralogy, Free University of Brussels, Belgium
PhD 1991 Geology & Geophysics, Yale University, USA

Employment/Affiliations

2016-Present Vice-President & President-Elect, International Society of Environmental Biogeochemistry
2011-2018 Canada Excellence Research Chair, University of Waterloo, Canada
2015-Present Distinguished Research Fellow, China-Canada Plateau Lakes Research Centre, Yunnan
2014-Present Ecohydrology Steering Committee, International Hydrological Programme, UNESCO
2008-2011 Professor & Eminent Scholar, Georgia Institute of Technology, USA
2008-2011 Founding Director, Center for Soil, Water and Coastal Resources (Utrecht University)
1999-2011 Professor of Geochemistry, Utrecht University, The Netherlands
1998&2000 Visiting Professor, Université J. Fourier, Grenoble, France
1997-2001 Associate Professor, Georgia Institute of Technology, USA
1996-2004 Co-Editor-in-Chief, *Journal of Hydrology*
1991-1997 Assistant Professor, Georgia Institute of Technology, USA
1990-1991 Postdoctoral Fellow, Swiss Institute of Aquatic Sciences (Eawag)
1985-1990 Graduate Research Assistant, Geology & Geophysics, Yale University, USA
1984-1985 Researcher, Pollution Control Unit, Ministry of Public Health, Belgium
1981-1984 High-School Teacher of Natural Sciences, Casablanca, Morocco

Key awards

2015 Fellow, Royal Society of Canada
2015 Science Innovation Award & Werner Stumm Medal, European Association of Geochemistry
2015 Fellow, Geochemical Society; 2007 Certificate of Merit, American Chemical Society
2007 André Dumont Medal, Geologica Belgica
2000 Pioneer Award, Netherlands Organization for Scientific Research
1996 Sigma Xi Young Faculty Award, Georgia Institute of Technology
1990 Philip M. Orville Prize for Outstanding Research and Scholarship, Yale University
1985 Herbert C. Hoover Graduate Fellowship, Belgian-American Educational Foundation