



Professor Tarmo Soomere

Foreign Member of the Lithuanian Academy of Sciences since 2019

President of the Estonian Academy of Sciences (since 2014), Professor of Coastal Engineering, School of Engineering, Tallinn University of Technology (since 2005).

Date of birth 11.10.1957.

Education

1964–1974 Kohila Secondary School; 1974–1977 University of Tartu, Faculty of Mathematics; 1977–1980 M. V. Lomonossov Moscow State University, Faculty of Mechanics and Mathematics, dipl. mathematician (1980); 1980–1983 P. P. Shirshov Institute of Oceanology, post-graduate student.

Academic degrees

Doctor's Degree, 1984, On the nonlinear interactions of Rossby waves; P. P. Shirshov Institute of Oceanology, Moscow. Doctor's Degree, 1992, Kinetic theory of Rossby waves, University of Tartu.

Field of research

Natural Sciences and Engineering; Geosciences; Theory of nonlinear surface waves; Measurement and modelling of wind and ship-induced waves; Marine meteorology; Interactions of solitonic waves; Wave dynamics in coastal engineering applications; Wave-induced coastal processes.

Institution and occupation

1983–1986 Institute of Thermophysics and Electrophysics, Estonian Acad. Sci., Dept. of Baltic Sea, junior scientist; 1986–1990 senior scientist.

1990–1991 Senior lecturer, Kaliningrad Technical Fishery Marine School, Tallinn chair.

1990–1992 Institute of Ecology and Marine Research, Dept. of Marine Physics, senior scientist.

1992–2002 Estonian Marine Institute, Dept. of Marine Physics, senior scientist and project leader.

1994–1997 Max Planck Institute of Meteorology, Hamburg University as Alexander von Humboldt Fellow; 2005–Institute for Coastal Research, GKSS Geesthacht as Alexander von Humboldt Fellow; 2011 Institute for Coastal Research, GKSS Geesthacht as Alexander von Humboldt visitor.

1999–2000 Uppsala University, Dept. of Meteorology, as Visby Fellow.

2002–2004 Tallinn University of Technology , Institute of Marine Systems at TUT, Senior Researcher, Head, Dept. of Coastal Sea, Vice-Director.
2005–2008 Centre of Mathematics for Applications, University of Oslo.
2005–2008 Tallinn University of Technology, Institute of Cybernetics at TUT, Senior Researcher.
2005–2010 Tallinn University of Technology, Faculty of Civil Engineering, Department of Mechanics, Chair of Fluid and Aeromechanics, Professor of Coastal Engineering.
2009–2016 Tallinn University of Technology , Institute of Cybernetics at TUT, Research Scientist, Head of Wave Engineering Laboratory.
2012–Visiting Professor, Klaipeda University (from November 2012).
2016–Tallinn University of Technology, Faculty of Civil Engineering, Department of Environmental Engineering , Chair of Environmental Protection, Professor.
2017–Tallinn University of Technology , School of Engineering, Department of Civil Engineering and Architecture, Professor.

Honours & awards

1993, Young Scientist's Publication Award, European Geophysical Society.
2002, Estonian National Science Prize (engineering, as a member of the research group).
2005, Person of the Year (daily newspaper Postimees).
2007, The Baltic Assembly Prize for Science.
2009, Academia Europaea, member.
2010, Australian National Network in Marine Sciences, visiting scholar.
2011, Estonian Science Communication Awards 2011: the best scientist, journalist or teacher that communicates science and technology.
2011, BONUS+ Award 2011 for the best public engagement activity: special mention for outstanding public engagement effort and high level key stakeholder involvement related to the topic of the environmental impact assessment of the Nord Stream pipeline.
2012, Scientist of the Year 2011, Tallinn University of Technology.
2013, Estonian National Science Prize (engineering).
2013, Medal of the Baltic Academies of Sciences for outstanding results in research cooperation between Estonia, Latvia and Lithuania in marine sciences.
2014, State decoration: The III class Order of the White Star.
2015, Latvian Academy of Sciences, foreign member.
2017, Honorary member, Estonian Scientific Society in Sweden.
2018, Badge of the Coat of Arms (honorary citizenship) of Tallinn.
2018, Honorary doctor, Klaipeda University, Lithuania

Prof T. Soomere has authored over 650 research publications. Full list of publications:
https://www.etis.ee/CV/Tarmo_Soomere/eng?tabId=Publications&lang=ENG