



7ICCH

Seventh International Congress on Construction History



Name: Varum

First name: Humberto

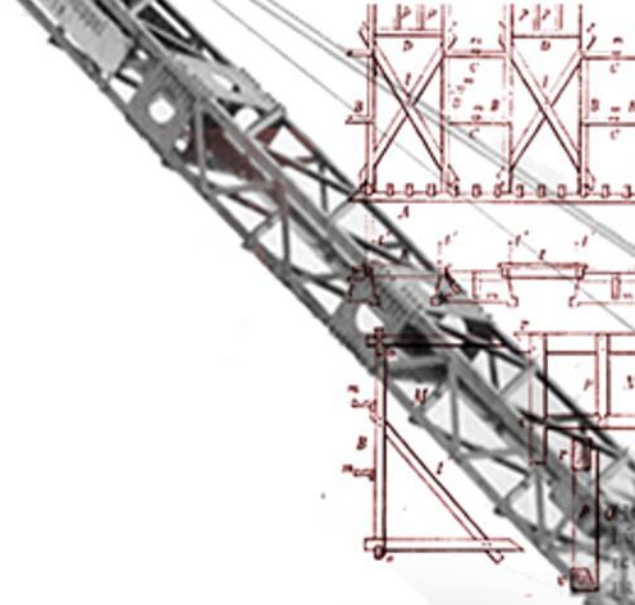
Function: Full Professor

Affiliation: Faculty of Engineering of the University of Porto, Portugal

Country: Portugal

Email: hvarum@fe.up.pt

CV: Humberto Varum is currently full professor at the Civil Engineering Department of the Faculty of Engineering of the University of Porto (FEUP), Portugal. Previously, he was associate professor at the Civil Engineering Department of the University of Aveiro, Portugal, where he had taught from 1997 to 2014. Since October 2010, he is Honorary Lecturer at the Department of Civil, Environmental and Geomatic Engineering, University College of London (UCL), London, United Kingdom. In 2012, he was professor of the Master in “Evaluation Control and Reduction of Environmental Seismic Risk”, at the University of Rome “La Sapienza”, Rome, Italy. Since July 2016, he is Visiting

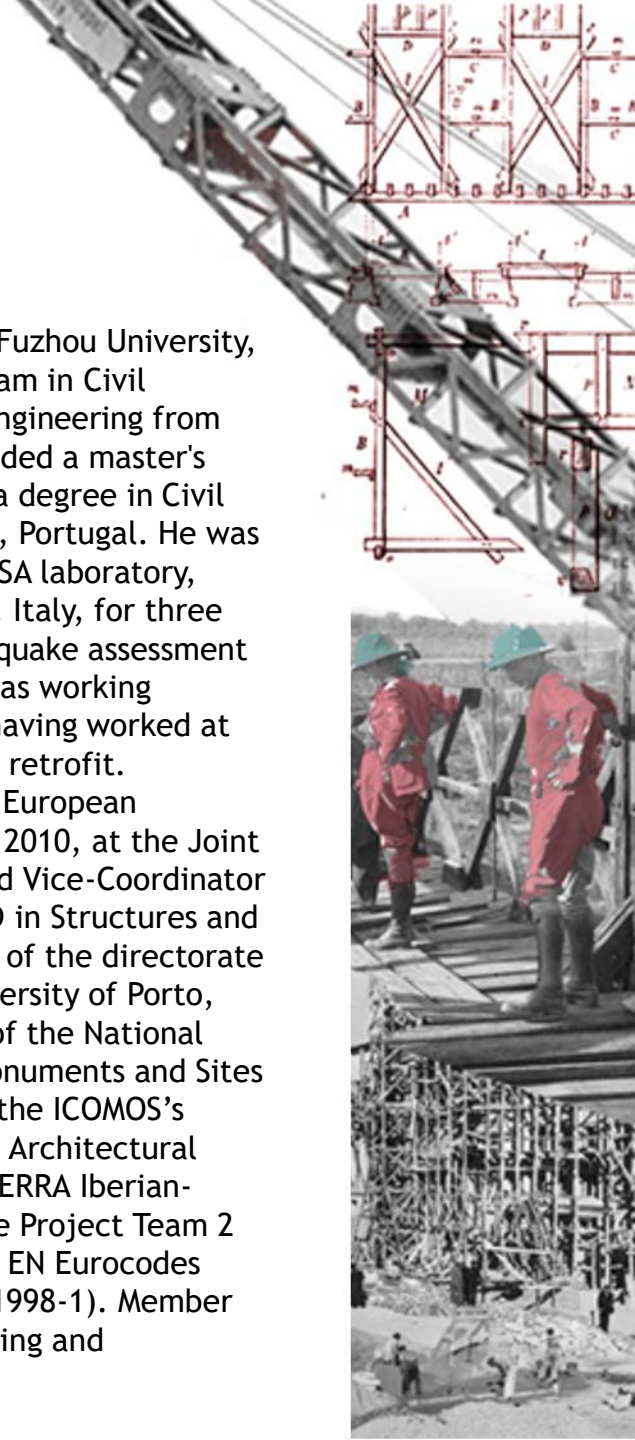




7ICCH

Seventh International Congress on Construction History

Professor at the College of Civil Engineering, Fuzhou University, Fujian, China. He is director of the PhD program in Civil Engineering at FEUP. He holds a PhD in Civil Engineering from the University of Aveiro. Previously, he concluded a master's degree in Structures of Civil Engineering and a degree in Civil Engineering both from the University of Porto, Portugal. He was a grant-holder and temporary agent at the ELSA laboratory, Joint Research Centre, European Commission, Italy, for three years, where he developed research on earthquake assessment and rehabilitation of existing structures. He has working experience both in research and in industry, having worked at an international level in structural design and retrofit. He has been Seconded National Expert to the European Commission in the period July 2009 to August 2010, at the Joint Research Centre. He is Integrated Member and Vice-Coordinator of CONSTRUCT research unit: Institute of R&D in Structures and Construction. Since May 2015, he his member of the directorate body of the Construction Institute of the University of Porto, and President since May 2019. He is Member of the National Committee of the International Council on Monuments and Sites (ICOMOS), since 2009, and Expert Member of the ICOMOS's International Scientific Committee of Earthen Architectural Heritage (ISCEAH). He is Member of the PROTERRA Iberian-American Network, since 2012. Member of the Project Team 2 for the development of the 2nd generation of EN Eurocodes (SC8.T2 - material dependent sections of EN 1998-1). Member of the Technical Committee TC 274-TCE "Testing and



7ICCH

Seventh International Congress on Construction History

characterization of earth-based building materials and elements” (RILEM). Member of the "Seismic" action group of fib's TG10.1, for the development of the Model Code 2020. Member of the IABSE Working Group 7 'Earthquake Resistant Structures' (Task Group 1.1). He is national delegate of the CICOP Net Confederation, since 2012. He is Member of the Mexican Academy of Engineering, since 2018. Since June 2019, he is External Researcher of Grupo de Gestión de Riesgos de Desastres en Infraestructura Social y Vivienda de Bajo Costo (GERDIS), Pontificia Universidad Católica del Perú (PUCP), Lima, Peru. He is Member of the International Scientific Board (ISB) of AdMaS (Advanced Materials, Structures and Technologies) Centre, of the Faculty of Civil Engineering, Brno University of Technology, Czech Republic, since 2013. He has participated to post-earthquake field reconnaissance missions, in particular to L'Aquila (Italy, 2009), Lorca (Spain, 2011), Emilia-Romagna (Italy, 2012), Gorkha (Nepal, 2015) and Puebla (Mexico, 2017). His research experience combines large-scale earthquake testing and non-linear analytical modelling of structural systems. His main research interests include assessment, strengthening and repair of structures, structural health monitoring, structural testing and modelling, earthquake engineering, earth construction rehabilitation and seismic strengthening.

Website: <http://sweet.ua.pt/hvarum/>

