

Prof. Dr. Hans-Otto Pörtner

Hans-O. Pörtner studied at Münster and Düsseldorf Universities where he received his PhD and habilitated in Animal Physiology. As a Research and then Heisenberg Fellow of the German Research Council he worked at Dalhousie and Acadia Universities, Nova Scotia, Canada and at the Lovelace Medical Foundation, Albuquerque, NM. Currently he is Professor and Head of the Department of Integrative Ecophysiology at the Alfred Wegener Institute for Marine and Polar Research, Bremerhaven, Germany. He acts as an associate editor “Physiology” for Marine Biology and as a co-editor of the Journal of Thermal Biology. He was Honorary International Associate Member of the Society for Integrative Biology, USA, between 2006 and 2013. Until the end of 2014 he served as a Coordinating Lead Author of IPCC WGII AR5, chapter 6, Ocean Systems and as a member of the author teams for the WGII Summary for Policymakers and Technical Summary, as well as a member of the Core Writing Team for the IPCC AR5 Synthesis Report. In October 2015 he was elected Co-Chair of Working Group II of the IPCC. His research interests include the effects of climate warming, ocean acidification, and hypoxia on marine animals and ecosystems with a focus on the links between ecological, physiological, biochemical and molecular mechanisms limiting tolerance and shaping biogeography and ecosystem functioning.