Professor Benjamin Horton

Professor Benjamin Horton is Director of the Earth Observatory of Singapore and a professor at the Asian School of the Environment in Nanyang Technological University (NTU).

Prior to joining NTU, Professor Horton was Professor at Rutgers University and Associate Professor at the University of Pennsylvania. Professor Horton obtained his BA from the University of Liverpool, UK, and PhD from the University of Durham, UK.

Professor Horton has won a number of awards in his career. In 2019, he was appointed the President's Chair in Earth Sciences at NTU for outstanding achievement. For excellence in research, he received the Plinius Medal from the European Geosciences Union, the Voyager Award from the American Geophysical Union, and the W. Storrs Cole Award from the Geological Society of America. He was elected Fellow of the Geological Society of America in 2013 and Fellow of the American Geophysical Union in 2018.

Professor Horton was an author of the Intergovernmental Panel on Climate Change (IPCC) 5th Assessment Report and is a Review Editor for the new 6th Assessment Report. Professor Horton's research was cited by President Obama in his 2015 State of the Union Address at the United States Capitol on January 20th 2015.

Professor Horton has published over 220 articles in peer-reviewed journals, including 28 articles in high profile journals such as Science, Nature, Proceedings of the National Academy of Sciences, and Geology. Professor Horton is supervising or has supervised 24 students to the degree of PhD and 22 postdoctoral scientists, of which 17 now have permanent academic positions.

Professor Horton's research concerns sea-level change, with the aim of understanding and integrating the external and internal mechanisms that have determined sea-level changes in the past, and which will shape such changes in the future. His research impacts upon important ecological, ethical, social, economic, and political problems specifically facing coastal regions.