

Short Biography. Dr. Richard Alley (PhD 1987 University of Wisconsin; MSc 1983 and 1980 The Ohio State University, all in Geology) is Evan Pugh University Professor of Geosciences and Associate of the Earth and Environmental Systems Institute at the Pennsylvania State University. He has spent more than 40 years studying the great ice sheets to help predict future changes in climate and sea level, and has made four trips to Antarctica, nine to Greenland, and additional expeditions to Alaska and elsewhere. He has been honored for research (including election to the US National Academy of Sciences and Foreign Membership in the Royal Society), teaching (including Penn State's highest teaching award), and service. Dr. Alley participated in the UN Intergovernmental Panel on Climate Change (co-recipient of the 2007 Nobel Peace Prize), and has provided requested advice to numerous government officials in multiple administrations including a US Vice President, Presidential Science Advisors, and committees and individual members of the US Senate and House of Representatives. He has authored or coauthored more than 300 refereed scientific papers. He was presenter for the PBS TV miniseries on climate and energy *Earth: The Operators' Manual*, and author of the book. His popular account of climate change and ice cores, *The Two-Mile Time Machine*, was Phi Beta Kappa's science book of the year. Dr. Alley is happily married with two grown daughters, two stay-at-home cats, a bicycle, and a pair of soccer cleats.

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