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Martin Stute received PhD in Environmental Physics from the University of Heidelberg, Germany. He joined the research staff of Lamont-Doherty Earth Observatory of Columbia University in 1989 as an Alexander von Humboldt fellow. Since 1995 he is a faculty member in the Environmental Science Department at Barnard College, and in the Department of Earth & Environmental Science at Columbia University. His research is focused on: Global change: climate change during the last 40,000 years and in the near future; Hydrology and climate; groundwater as an archive of paleoclimate, in particular: paleotemperatures based on concentrations of dissolved noble gases; dynamics of groundwater flow on all time scales by using noble gases of tritiogenic, radiogenic and nucleogenic origin and other tracers in groundwater; processes in the unsaturated zone: composition of ground gases, thermodynamics; surface water-groundwater interactions; water-air gas exchange; water/rock interactions, surface exposure dating with cosmogenic nuclides; accumulation rates of ocean sediments; interplanetary dust particles; mathematical modeling of tracer distributions in natural systems, environmental science in general, social and economic implications.

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