

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Bernardus van der Pluijm, Ph.D., Bruce R. Clark Collegiate Professor of Geology and professor of Earth and environmental sciences, College of Literature, Science, and the Arts, retired from active faculty status on May 31, 2024.

Professor van der Pluijm received his B.Sc. (1977) degree from the University of Leiden, Netherlands; his M.Sc. (1981) degree from the Universities of Leiden and Utrecht, Netherlands; and his Ph.D. (1984) degree from the University of New Brunswick, Canada. He joined the University of Michigan faculty as an assistant professor in 1985, and was promoted to associate professor in 1991, and professor in 1996. He has served as professor of the environment (2003-2021), senior counselor to the provost (2007-2010), and director of the Global Change Program (2000-2015). He was named Bruce R. Clark Collegiate Professor of Geology in 2009.

Professor van der Pluijm's research focused on structural geology and tectonics, from the microscopic scale to the evolution of mountain belts. He is recognized for the application of quantitative methods to study rock deformation fabrics and the development and advancement of new measurement techniques to assess past stress and strain patterns in mountain belts. He has advanced our understanding of a number of major orogenic systems, including the Grenville, Appalachian, and Cordilleran orogens of North America, and the Variscan of Europe. He developed novel approaches to using clay minerals in fault zones to unravel the frictional properties controlling earthquakes, and to estimate the timing of authigenic clay formation during deformation. He pioneered the development of LectureTools to enhance student interactivity in large lecture courses and co-authored a college-level textbook on structural geology and tectonics. He founded the Global Change Program at Michigan and was the founding editor of the journal *Earth's Future*. Professor van der Pluijm is a fellow of the Geological Society of America (GSA), the Geological Association of Canada, and the American Association for the Advancement of Science. He is a recipient of the Director's Award for Collaborative Integration from the National Science Foundation (2012) and the GSA Distinguished Service Award (2005) for his service as editor of *Geology*.

The Regents now salute this distinguished faculty member by naming **Bernardus van der Pluijm, Bruce R. Clark Collegiate Professor Emeritus of Geology and professor emeritus of Earth and environmental sciences**.

Requested by:



Jon Kinsey
Vice President and Secretary of the University

May 2024