

ALFRED HARTEMINK

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Education

- 1985-1989 Tropical Agricultural College Deventer, NL
BSc (Soil Survey and Land Evaluation)
Supervisor: ir R. LEYDER
- 1992-1994 Wageningen Agricultural University, NL
MSc (Soil Science)
Supervisors: Dr ir B.H. JANSSEN, Dr R.J. BURESH
- 1998-2001 University of Reading, UK
PhD (Soils in the Tropics)
Supervisors: Prof D.J. GREENLAND, Dr S. NORTCLIFF

Current Positions

Professor of Soil Science
Secretary General International Union of Soil Sciences IUSS
Editor-in-Chief Geoderma

Expertise

- Digital soil mapping, pedology, and soil fertility
- Global soil information and networking
- Quantification of soil dynamics and processes
- Teaching soil science
- Soil science outreach and popularization
- Bibliometric, historical and impact studies in soil science
- Editor of scientific publications

Short Biography

Alfred Hartemink is Professor of Soil Science at the University of Wisconsin – Madison. He teaches Pedology and Introduction Soil Science and supervises graduate students. His research focusses on soil changes and digital soil mapping. Prior to his current position he was senior researcher at ISRIC–World Soil Information (Netherlands), co-initiator and coordinator of the GlobalSoilMap.net project, and principal investigator in the African Soil Information Service (AfSIS) project. He has worked as pedologist and soil fertility specialist in Tanzania, DR Congo, Indonesia, Kenya, Australia and Papua New Guinea, and for shorter periods in several other countries. He is involved in a large national and international network of soil scientists and researchers, and has published widely.

Recent Employment Record

[2011-present]
USA: University of Wisconsin - Madison

Position held : Professor of Soil Science

Description of activities : Teaching (40%) Pedology, Introduction Soil Science, Soil Judging. Research (60%) focusses on soil changes and digital soil mapping. Member Wisconsin Ecology, Nelson Institute for Environmental Studies

[2001-2011]

The Netherlands : ISRIC, Wageningen

Position held : Senior Researcher, Head World Soil Museum

Description of activities : Responsible for ISRIC's World Soil Museum and educational activities. Co-initiator and coordinator GlobalSoilMap.net project. Research on digital soil mapping, raster-based soil information and soil legacy data. Registered researcher and research committee member of the Research School C.T. de Wit. Supervising MSc and PhD students at Wageningen University. Guest lecturer at Wageningen University and the International Institute for Hydraulic Engineering (IHE-UNESCO) in Delft. Secretary General of the International Union of Soil Sciences (IUSS). Principal investigator of the African Soil Information Service (AfSIS) project

Editor-In-Chief

2010-present : Initiator and Editor of Springer book series World Soils Book Series

2009-present : Co-Initiator and Editor of Springer book series Progress in Soil Science, jointly with A.B. MCBRATNEY

2006-present : Editor-in-Chief Geoderma

2003-present : Editor of the IUSS Bulletin

1999-present : Book Review editor Geoderma

5 Recent Publications

1. HARTEMINK, A.E., P. KRASILNIKOV & J.G. BOCKHEIM 2013 Soil maps of the World. Geoderma 207: 256-267
2. HARTEMINK, A.E & M.W.P. SONNEVELD 2013 Soil maps of the Netherlands. Geoderma 205: 1-9
3. ARROUAYS, D., A.E. HARTEMINK, J.W. HEMPEL, A.B. MCBRATNEY, N.J. MCKENZIE 2013 GlobalSoilMap: towards a fine-resolution global map of soil properties. Advances in Agronomy (submitted)
4. BREVIK, E.C. & A.E. HARTEMINK 2013 Soil maps of the USA. Soil Science Society of America Journal 77: 1117-1132
5. BOCKHEIM, J.G. & A.E. HARTEMINK 2013 Distribution and classification of soils with taxonomically defined clay-enriched horizons in the USA: a Review. Geoderma 209: 153-160