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## CV

**Evert Slob** received his Ingenieurs title (M.Sc.) in Mining and Petroleum Engineering in 1989 and his doctorate (Ph.D.) in Applied Sciences (cum laude) in 1994, both from TU Delft. Subsequently, he joined the TU Delft section of Applied Geophysics and Petrophysics as a Senior Research Fellow of the Royal Netherlands Academy of Arts and Sciences.

In 2001, he was appointed as assistant professor, in 2004 as associate professor and in 2011 as full professor of electromagnetic geophysical methods. In 2009, he spent six months as a visiting professor at the Geophysics Department of Colorado School of Mines, Golden, USA, and in 2014 four months at the institute of Applied Geophysics of the University of São Paulo, Brazil. His primary research interests concern processing, imaging and inversion of electromagnetic geophysical data.

During the past decades, he initiated several near surface and exploration related research projects on the development of processing, imaging and inversion of ground penetrating radar, controlled source electromagnetic and seismic data, with applications in humanitarian demining, hydrogeophysics, and hydrocarbon exploration. His current research interests are advanced processing, imaging and inversion techniques for electromagnetic diffusive and wave fields with applications in monitoring geothermal energy production, subsurface storage and production cycles of green fuels and fluid waste repositories.

He has held ten chair and director positions in the education programs of Applied Geophysics, Applied Earth Sciences and Civil Engineering and Geosciences. He has been the Editor of GEOPHYSICS and in the SEG board of directors from 2013 to 2015. He was co-guest editor for more than 15 special issues, book chapters and books. He has served as organizer of > 10 international conferences, workshops and sessions. He has initiated the biennial series of the International Workshop of Advanced Ground Penetrating Radar (IWAGPR) in 2001. He has currently co-authored one book, >130 publications in international journals and a similar number of contributions in refereed conference proceedings volumes. Seven of his articles received journal highlights in other magazines or were mentioned as the editors' choice. Recent publications include:

- Slob, E., K. Wapenaar and S. Treitel, 2020, Inversion of the acoustic reflection response: A tutorial in 1D, Geophysical Prospecting, early online. <https://doi.org/10.1111/1365-2478.12946>.
- Zhang, L. and E. Slob, 2020, A fast algorithm for multiple elimination and transmission compensation in primary reflections, Geophysical Journal International, 221, 371-377. <https://doi.org/10.1093/gji/qgaa005>.
- Zhang, L. and E. Slob, 2020, A field data example of Marchenko multiple elimination, Geophysics, 85(2), S65-S70. <https://doi.org/10.1190/GEO2019-0327.1>.
- Ziolkowski, A.M. and E.C. Slob, 2019, Introduction to Controlled-Source Electromagnetic Methods – Detecting Subsurface Fluids, Cambridge University Press, ISBN 9781107058620. <https://www.cambridge.org/csem>.
- Werthmüller, D., W. A. Mulder, and E. C. Slob, 2019, emg3d: A multigrid solver for 3D electromagnetic diffusion: Journal of Open Source Software, 4(39), 1463; <https://doi.org/10.21105/joss.01463>.