

Dr. Fred J. Hilterman
Chief Scientist

Geokinetics Processing and Interpretation



Fred J. Hilterman received a geophysical engineering degree and PhD in geophysics from Colorado School of Mines. He worked with Mobil from 1963-1973. In 1973, he joined the University of Houston where he was a Professor of Geophysics. At UH, Fred co-founded the Seismic Acoustics Laboratory (SAL). In 1981, he co-founded Geophysical Development Corporation (GDC), which was bought by Geokinetics in 1998. He was Vice President of Development until 2003 and currently serves as Chief Scientist at Geokinetics.

Fred also returned to the University of Houston in 1999 as a Distinguished Research Professor. He was the Margaret Sheriff Professor of Geophysics from 2003-2007 and continues today as a Distinguished Research Professor at UH.

Fred has a distinguished career in geophysics as a researcher, developer and teacher. Over the last 30 years he has been a key contributor and developer of the Geokinetics in-house AVO and Petrophysical expertise and services. He has a world-renowned reputation as a leader in AVO analysis and teaching.

Fred is a longstanding member of GSH, SEG, EAGE and AAPG. His services to the societies include associate editor for GEOPHYSICS; SEG and AAPG Distinguished Lecturer; 2001 DISC Instructor; Chairman of TLE editorial board; SEG Vice-President; and, both Technical and General Chairman of SEG Annual Meetings. Fred was the 1996-97 SEG President.

He has received the CSM VanDiest Gold Medal and Distinguished Alumni Medal, the SEG Best Paper Award and Best Presentation Award, the SEG Virgil Kauffman Gold Medal, the Cecil Greene Enterprise Award, and the Maurice Ewing Medal, and Honorary Memberships in SEG and GSH.