

## Prof. Horst Rueter

Prof. Horst Rüter is President of HarbourDom Consulting, Cologne, Germany after 32 years as head of the Geophysics Department of DMT. He nurtured the growth of the latter from a small research group of the German coal mining to Germany's most important private geophysical contractors. He was responsible for more than hundred research projects for international, public and commercial agencies, and for the Mining and Oil/gas- industry. He contributed significantly to the development of 3D-seismic methods from 1975 onward. He holds patents on seismic instrumentation and on special logging instruments. His emphasis has been to integrate geophysical techniques into mining and borehole applications.

Horst holds a Ph.D. from the Ruhr-University in Bochum, where he is now a part time professor. He is member of many professional societies and serves on several editorial boards and professional steering groups. Presently, he serves as Vice-president of the German Geophysical Society (DGG) and of the Geothermal Society (GTV). Horst is widely published and wrote a textbook in in-seam seismics. He received in 2001 the Special Commendation Award for taking geophysics beyond its boundaries.

- Personal data:**                      Nationality:    German  
   Languages:    German  
                        English & French (fluent)
- Education:**                            University Muenster:  
                        Diploma (M.Sc.) 1968  
   Ruhr University Bochum:  
                        Dr. rer. nat (Ph.D.)1975
- Professional Experience:**    WBK-Geophysikalisches Institut, Senior Scientist, 1968-1977  
   WBK-Geophysikalisches Institut, Direktor, 1977-1990  
   DMT-Institut fuer Angewandte Geophysik, Direktor, 1990-1993  
   DMT-Institut fuer Lagerstaette, Vermessung und Angewandte  
   Geophysik, Direktor, 1993-1998  
   HarbourDom Consulting, Vice-president Development, 1998-  
   2001  
   HarbourDom Consulting, President, 2002-  
   KJT-Enterprises, Executive Advisor, 2001-
- Professional Affiliations:**    Deutsche Geophysikalische Gesellschaft (Vice-president)  
   Geothermische Vereinigung (Vice-president)  
   Forschungskollegium Physik des Erdkoerpers  
   European Association of Geoscientists and Engineers  
   (EAGE)  
   Society of Geophysicists (SEG)  
   Australian Society of Geophysicists (ASEG)  
   Society of Professional Well Log Analysts  
   European Soc. for Engineering and Environmental Geophysics  
   (EEGS)  
   Deutsche Gesellschaft fuer Polarforschung  
   Forum fuer Zukunftsenergien  
   Indian Geophysical Union (IGU) Foreign Fellow.
- Professional Awards:**            Ruhr University Bochum: Honorary Professor (1987)  
   State North Rhine Westphalia: Foerderpreis Innovation (1980)

SEG: Special Commendation Award (2001)

- Academic Teaching:** Ruhr University Bochum since 1980  
Continuous Education in the German Oil/Gas industry as member of scientific committee for the 'Mintrop Seminars' 1982-1999 (see Publication list)  
Editor in Chief for 'Journal of Applied Geophysics' (1990-1997)
- Professional Interests:** Exploration for coal, minerals, oil and gas.  
Engineering Geophysics  
Geophysical instruments (seismic, logging, EM etc.)  
Processing and Interpretation of seismic and multi-source data
- Research Projects:** Responsible for more than 150 interdisciplinary and international research projects financed by agencies as Deutsche Forschungsgemeinschaft (DFG), European Union (EU), State of North Rhine Westphalia (NRW), German Ministry of Research (BMBF)
- Commercial Projects:** Responsible for extended commercial projects in different fields as: 3D-seismic acquisition, processing and Interpretation, interdisciplinary exploration projects, log-interpretation and core-log integration. GIS-application and integration of remote sensing (satellite) data.