
About the Editors



Kenneth E. Peters is science advisor for Schlumberger Information Solutions (SIS) where he uses geochemistry and numerical modeling to study petroleum systems. He has more than 32 years of experience working for Chevron, Mobil, ExxonMobil, USGS, and Schlumberger and has taught petroleum geochemistry and basin modeling at Chevron; Mobil; ExxonMobil; Oil & Gas Consultants International; University of California Berkeley; and Stanford University. Ken is principal author of *The Biomarker Guide* (2005, Cambridge U. Press) and consulting professor in the Geological and Environmental Sciences Department at Stanford University where he leads the Basin and Petroleum System Modeling Industrial Affiliates Program. He was chair of the AAPG Research Committee (2007–2010), AAPG Distinguished Lecturer for 2009 and 2010, and editor for the 2009 AAPG compact disk *Getting Started in Basin and Petroleum System Modeling*. He is an associate editor for *AAPG Bulletin* and *Organic Geochemistry*. In 2009, he received the Schlumberger Henri Doll Prize for Innovation and the Alfred E. Treibs Award presented on behalf of the Organic Geochemistry Division of the Geochemical Society to scientists who have had a major impact on the field of organic geochemistry through long-standing contributions. Ken has B.S. and M.S. degrees in geology from University of California, Santa Barbara and a Ph.D. in geochemistry from University of California, Los Angeles.

David J. Curry is a specialist in integrated petroleum systems analysis (geochemistry and basin modeling) and is currently with HRT America Inc., in Houston, Texas. With over 25 years of industry experience, he has also worked in research and exploration positions in petroleum geochemistry and basin modeling for Devon Energy, ExxonMobil Exploration Company, ExxonMobil Upstream Research Company as well as other organizations. Among his research interests and areas of expertise are depositional controls on source rock occurrence and organic matter type; petroleum generation and expulsion processes (including maturation and kinetics); petroleum quality and alteration processes; basin modeling and the characterization and behavior of polar components in petroleum systems. David has a B.S. in chemistry from the Virginia Military Institute; a master's from Rice University, and a Ph.D. from the University of Texas at Austin, both with specialization in organic geochemistry.



Marek Kacwicz is research consultant and basin modeler at Chevron Energy Technology Company in Houston, Texas. His primary responsibilities include technology applications and research integrating petroleum systems modeling, seismic inversion, velocity modeling, pressure prediction, geomechanics, and structural modeling. Prior to Chevron, Marek worked as a research geologist at ARCO Exploration and Production Research Center in Plano (Texas, USA); as a basin modeler at Unocal Exploration & Exploitation Technology in Sugar Land (Texas, USA); Alexander von Humboldt Fellow at the Freie Universitaet Berlin (Berlin, Germany); and research assistant at the University of Warsaw (Warsaw, Poland). Marek has over 20 years of experience in petroleum systems modeling, exploration, and research. His experience includes both conventional and unconventional resources and covers a wide range of sedimentary basins worldwide. Some of Marek's professional honors include receiving the 1986 International Association for Mathematical Geology Vistelius Research Award, being selected for the Alexander von Humboldt Fellowship (Germany); and receiving the 2005 AAPG Gabriel Dengo Memorial award. He has an M.S. degree in numerical mathematics/computer science and a Ph.D. in earth sciences, both from the University of Warsaw (Poland).