



Kenneth Peters

Adjunct Professor, Earth & Planetary Sciences

Bio

BIO

Ken Peters retired as Geochemistry Advisor for Schlumberger in 2020 where he used geochemistry and numerical modeling to study petroleum systems. He has 45 years of experience with Chevron, Mobil, ExxonMobil, USGS, UC Berkeley, Stanford University, and Schlumberger and published >200 peer-reviewed geology, geochemistry, and basin modeling books and papers. He was Honorary Teaching Fellow at the University of Aberdeen in Scotland and Visiting Professor at Jacobs University in Germany. He is a Schlumberger NExT instructor, an EAGE Lecturer, Fellow in the Geochemical Society, AAPG Charles Taylor Fellow, and Adjunct Professor at Stanford University where he is a founding co-principal in the Basin Processes and Subsurface Modeling Industrial Affiliates Program [<https://bpsm.stanford.edu/>]. He was Chair of the 1998 Gordon Research Conference on Organic Geochemistry, Co-Convener of two AAPG Hedberg Research Conferences on Basin and Petroleum System Modeling (2009 and 2016), Chair of the AAPG Research Committee (2007-2010), and AAPG Distinguished Lecturer (2009 and 2010). He is principal author of *The Biomarker Guide* (1993, 2005), editor for the 2009 AAPG compact disk *Getting Started in Basin and Petroleum System Modeling* and principal editor of the 2012 AAPG Hedberg Series 4 volume on *Basin Modeling: New Horizons in Research and Applications*. He is co-editor for the 2012 SEPM Special Publication 103 on *Analyzing the Thermal History of Sedimentary Basins: Methods and Case Studies*. He is Associate Editor for *AAPG Bulletin*, *Journal of Petroleum Geology*, and *Organic Geochemistry*. He received the 2009 Alfred E. Treibs Medal presented on behalf of the Geochemical Society for major achievements over a period of years in the field of organic geochemistry. He received the 2013 AAPG Honorary Member Award for service and devotion to the science and profession of petroleum geology and the 2016 EAGE Alfred Wegener Award for outstanding contributions to the scientific and technical advancement of petroleum geoscience [<https://www.youtube.com/watch?v=VxWei5Da2mI>]. He twice shared the Schlumberger Henri Doll Prize for Innovation (2009, 2013). In 2017, he was one of 100 'Heritage of the Petroleum Geologist' honorees selected by the Division of Professional Affairs of AAPG to celebrate the 100-year anniversary of AAPG. In 2019, Ken received AAPG's highest honor, the Sidney Powers Memorial Award, at the AAPG ACE in San Antonio [<https://www.aapg.org/videos/award/articleid/53126/ken-peters-receives-the-2019-sidney-powers-award>]. In 2022 Ken became an elected Member of the National Academy of Engineering in recognition of development and application of geochemistry for basin analysis, hydrocarbon production, and biodegradation metrics [<https://www.nae.edu/>]. Ken has B.A. and M.A. degrees in geology from UCSB and a Ph.D. in geochemistry from UCLA. <https://scholar.google.com/citations?user=QvmmOJYAAAAJ&hl=en>