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# About the Editors



**Ken McClay** has a B.Sc. (honors) degree and a D.Sc. degree from Adelaide University, and a M.Sc. degree and Ph.D. degree from Imperial College London. He is a professor of structural geology and the Director of the Fault Dynamics Research Group at Royal Holloway University of London. His research has focused upon the dynamics of inverted, extensional, and strike-slip terrains and fault systems in fold-thrust belts. This involves the integration of field studies, seismic interpretation, remote sensing, and scaled physical modeling to develop quantitative 4-D models for fault systems in sedimentary basins. McClay established the analog modeling laboratories at Royal Holloway University of London. He and his research students have carried out numerous collaborative research projects with the international petroleum industry. He has run numerous short courses for the petroleum industry and has published widely in international journals.

**John H. Shaw** is the Harry C. Dudley Professor of Structural & Economic Geology and Chair of the Department of Earth & Planetary Sciences at Harvard University. Prior to joining the faculty at Harvard, Shaw received his Ph.D. from Princeton University working under the direction of Professor Suppe, and subsequently worked for Texaco's Exploration & Production Technology Department in Houston, Texas. During his time in the industry, Shaw participated in a number of exploration and development projects in Nigeria, Angola, Canada, Italy, Indonesia, Malaysia, China, Colombia, Venezuela, Argentina, and the United States. Shaw's research interests are centered on investigating the nature of faulting and fault-related folding in the crust, with applications to petroleum trap and reservoir characterization and regional earthquake hazards assessment. His research generally involves analysis of 2- and 3-D seismic reflection, well, remote sensing, and surface geologic data, and he employs a variety of kinematic and mechanical modeling approaches to investigating structures. His current efforts include studies of the structure and petroleum systems of the deep-water Niger Delta and basins in western China, and the development of new mechanical approaches to performing 3-D structural restorations. These restoration methods are being applied in Saudi Arabia, Qatar, China, and other areas to investigate patterns of natural fractures in petroleum fields that can aid in reservoir characterization and development. Shaw regularly leads an AAPG field course in the Canadian Rockies, and offers a short course on seismic interpretation methods based on an AAPG Seismic Atlas (Studies in Geology 53), which is co-authored by Professors Connors and Suppe.





**John Suppe** is a structural geologist with wide experience in deformed petroleum basins, including Gulf of Mexico, Niger Delta, California, Philippines, Venezuela, Taiwan, and Tarim, Junggar, and Sichuan basins in China. He and his collaborators are the originators of many of the concepts of fault-related folding applied in compressive and extensional environments, as well as key concepts of interpreting growth strata for folding histories. The application of these structural concepts to practical seismic interpretation is introduced in an AAPG seismic atlas (*Studies in Geology 53*), edited by John Shaw, Chris Connors, and Suppe. He has also contributed key advances in the understanding mechanics of thrust belts and state of the stress in the crust. Two of his contributions have been awarded the Best Publication Award in Structural Geology & Tectonics of the Geological Society of America. Suppe was named “Highly Cited Researcher” by Science Citation Index. Suppe was born and raised in Los Angeles, attended University of California Riverside studying under K. J. Hsü, received a Ph.D. from Yale University in 1969 studying under John Rodgers and was a post-doc at UCLA with Gary Ernst. He was Professor of Geology at Princeton University from 1971-2007, was named Blair Professor of Geology in 1988, and served as Department Chair. He now is Distinguished Chair Research Professor at National Taiwan University where he has an international research group. He has been visiting professor at Caltech twice, University of Barcelona, Ludwigs Maximilian University in Munich, National Taiwan University twice, and is an honorary professor of Nanjing University. He was a Guest Investigator of the NASA Magellan Mission to Venus. He was elected member of the U.S. National Academy of Sciences in 1995. He has received the Career Contribution Award in Structural Geology & Tectonics from the Geological Society of America, the Research Prize of the Alexander von Humboldt Foundation, the Wilber Cross Medal from Yale University, and is a Guggenheim Fellow.

