

Sonya Dehler

Biography

Dr. Sonya Dehler has worked with the Atlantic Division of the Geological Survey of Canada since 1991, and is currently Head of the Marine Resources Geoscience Subdivision. She received a PhD in geophysics from the University of British Columbia, where she studied the complex margins of Canada's west coast. Her recent work has focused on the evolution of extended Atlantic-type continental margins and their sedimentary basins, including the tectonic evolution of the Scotian margin.

Presentation Abstract: A Special Journal Publication of PFA

Scientific Results

Preparations are underway to publish the new scientific results from the Play Fairway Analysis in a special issue of the Canadian Journal of Earth Sciences. The special issue will be focused on scientific projects and results from the multidisciplinary study of the offshore Scotian Basin funded by the Nova Scotia government under their Play Fairway Analysis program, and will complement the Play Fairway Atlas that summarizes the prospectivity of the basin for the petroleum industry. Eleven manuscripts have been submitted by researchers in the local and international academic, government and consultant scientific community that collectively address new advances in basin evolution, thermal evolution, paleogeography, sedimentology, diagenesis, geochemistry, biostratigraphy, sequence stratigraphy, and tectonics. The Special Issue entitled "The Mesozoic-Cenozoic Scotian Basin" is expected to be published early in 2013.