

Prof. Gillian Rose Foulger



Foulger is a professor of Geophysics at Durham University. She completed her Master's (1976) and doctorate's (1985) degrees both from Durham University, UK in Geophysics. She received her M.A. in 1978 and a B.A. in Natural Sciences in 1974 both from the University of Cambridge. She is one of the leading proponents of alternative models, such as plate theory, to the established deep mantle thermal plume hypothesis. Foulger is a Managing Editor of Earth-Science Reviews; Scientific Reports Journal, a journal that publishes review articles on Earth Sciences. She was granted many awards such as 1993, Nuffield Foundation Fellow; in 2001, Sir James Knott Research Fellow; in 2005, the Icelandic National Academy of Sciences; 2005, the Price Medal for her work "for investigations of outstanding merit in solid-earth geophysics, oceanography, or planetary sciences" of the Royal Astronomical Society; 2015, the Geological Society of America; 2020, the Leopold Von Buch Badge by the German Geological Society for her research in earthquake seismology and plate tectonics, in which her research also confronted long-held assumptions of the way mantles work and how volcanoes were formed. Professor Foulger is a member of 6 different scientific societies; she is a Fellow of the Icelandic National Academy of Sciences, a Fellow of the Royal Astronomical Society, a member of the American Geophysical Union, a Fellow of the Geological Society of America, a member of the Society of Exploration Geophysicists, and a member of the International Association of Geodesy. She has >127 research articles cited 6543 times by 4370 documents. Her publications are available at: <https://www.scopus.com/authid/detail.uri?authorId=7003500243>. Her research interests are hot spots, structure, tectonics, and dynamics of Iceland, human-induced earthquakes, volcanic and geothermal seismicity, and geothermal exploration.