



Dr Mohsen Kariminia

**Radiolaria and diatoms
stratigraphy / Planktonic
& benthic foraminifera
stratigraphy**
Senior Biostratigrapher

Mohsen has a PhD in Geosciences (Upper Jurassic and Lower Cretaceous Radiolaria Biostratigraphy of California Coast Ranges, U. Texas – Dallas, 2006), two MScs in Geosciences (Georgia State U., Atlanta, Georgia, 2001 and Tehran Azad U. and National Iranian Oil Company Tehran, Iran, 1994) and a BSc in Geosciences (Shahrood Azad University, Shahrood, Iran, 1991). He is bilingual in Farsi and English.

He specialises in Cretaceous through Neogene planktonic foraminifera, Carboniferous-Permian, Cretaceous and Cenozoic small and larger benthic foraminifera, and Mesozoic and Cenozoic radiolaria from cuttings and thin-sections. Mohsen has a broad experience in the geosciences in the US and Iran (having worked for the Geological Survey of Iran for eight years), including geological mapping, especially of complex areas such as ophiolites, sedimentary petrology, foraminifera and radiolaria. He has also constructed his own Mesozoic radiolarian biozonation scheme, calibrated with ammonite data. Since joining the team in 2013, he has been developing his acetic acid method for liberating microfossils from micritic limestone, which has improved fossil recovery from this difficult lithology. He has worked extensively on the GoM Paleogene through Neogene and has experience of the onshore Upper Cretaceous of Texas and Colorado, Eocene of Nicaragua, Jurassic through Paleogene of Belize and Neogene of Taiwan. He has also gained experience in well-site remote microscopy work.

Publications:

- 2009 — Pessagno, E.A., Jr., Cantú-Chapa, A., Martinson, J.M., Meng, X. & Kariminia, S.M. The Jurassic-Cretaceous boundary: new data from North America and the Caribbean. *Stratigraphy*, 6(3): 185-262.
- 2005 — Pessagno, E.A., Jr., Ghazi, A.M., Kariminia, S.M., Duncan, R.A. & Hassanipak, A.A. Tectonostratigraphy of the Khoy Complex, Northwestern Iran. *Stratigraphy*, 2(1): 48-62.
- 2004 — Kariminia, S.M. Extraction of calcified Radiolaria and other calcified microfossils from micritic limestone utilizing acetic acid. *Micropaleontology*, 50(3): 301-306.
- 2003 — Ghazi, A.M., Pessagno, E.A., Jr., Hassanipak, A.A., Kariminia, S.M., Babaie, H.A. & Duncan, R.A. Biostratigraphic zonation and ⁴⁰Ar-³⁹Ar ages for the Neo-Tethyan Khoy ophiolite of NW Iran. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 193(2): 311-323.