

# Curriculum Vitae



## Mehdi Daraei Ph.D. in Sedimentary Geology

### Position:

Assistant Professor of Sedimentology,

Department of Earth Sciences,

Institute for Advanced Studies in Basic Sciences (IASBS), Zanzan, Iran.

### Contact information:

Department of Earth Sciences,

Institute for Advanced Studies in Basic Sciences (IASBS),

No. 444, Yousef Sobouti Blvd. (Gava Zang St.),

P. O. Box 45195-1159, Zanzan, Iran,

Postal Code 45137-66731

Tel: +98-24-3315-3406

Email: [daraimehdi@mail.iasbs.ac.ir](mailto:daraimehdi@mail.iasbs.ac.ir); [daraimehdi@gmail.com](mailto:daraimehdi@gmail.com)

### Personal Information:

- Date of Birth: May, 08, 1983
- Birthplace: Khorramabad, Lurestan Province
- Nationality: Iranian

### Education:

- Ph.D. in Sedimentology and Sedimentary Petrology (2010-2015), University of Tehran, Tehran, Iran
- M.Sc. in Sedimentology and Sedimentary Petrology (2007-2010), University of Tehran, Tehran, Iran

- B. Sc. in Geology (2003-2007), University of Damghan (former Damghan University of Basic Sciences), Damghan, Iran

## Research Interests:

Carbonate sedimentology,

Geology and characterization of carbonate reservoirs,

Reservoir rock classification (rock typing),

Carbonate sequence stratigraphy and its application to reservoir studies.

## Publications:

- Daraei, M., H. Rahimpour-Bonab, and N. Fathi, 2014, Factors shaping reservoir architecture in the Jurassic Arab carbonates: A case from the Persian Gulf: *Journal of Petroleum Science and Engineering*, v. 122, p. 187-207.
- Daraei, M., A. Amini, and M. Ansari, 2015, Facies analysis and depositional environment study of the mixed carbonate–evaporite Asmari Formation (Oligo-Miocene) in the sequence stratigraphic framework, NW Zagros, Iran: *Carbonates and Evaporites*, v. 30, p. 253-272.
- Gharechelou, S., M. Daraei, and A. Amini, 2016, Pore types distribution and their reservoir properties in the sequence stratigraphic framework: a case study from the Oligo-Miocene Asmari Formation, SW Iran: *Arabian Journal of Geosciences*, v. 9.
- Bayet-Goll, A., and M. Daraei, 2017, Ichnotaxonomy of trace fossil of the Upper Triassic Nayband Formation, Tabas Block, Central Iran: *Geopersia*, v. 7, p. 199-218.
- Daraei, M., A. Bayet-Goll, and M. Ansari, 2017, An integrated reservoir zonation in sequence stratigraphic framework: A case from the Dezful Embayment, Zagros, Iran: *Journal of Petroleum Science and Engineering*, v. 154, p. 389-404.
- Bayet-Goll, A., C. N. de Carvalho, M. Daraei, P. Monaco, and M. Sharafi, 2018a, Sequence stratigraphic and sedimentologic significance of the trace fossil *Rhizocorallium* in the Upper Triassic Nayband Formation, Tabas Block, Central Iran: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 491, p. 196-217.
- Bayet-Goll, A., F. S. Esfahani, M. Daraei, P. Monaco, M. Sharafi, and A. A. Mohammadi, 2018b, Cyclostratigraphy across a Mississippian carbonate ramp in the Esfahan–Sirjan Basin, Iran: implications for the amplitudes and frequencies of sea-level fluctuations along the southern margin of the Paleotethys: *International Journal of Earth Sciences*, p. 1-31.

## Teaching Experiences:

Carbonate Sedimentology

Advanced Microfacies Analysis

Geology of Hydrocarbon Reservoirs