

Curriculum Vitae - Mansour Al-Hashim

Name: Mansour Hashim Mohammed Al-Hashim

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Education

University of Western Ontario, Canada (2012-2017)

Ph.D., Geology (Sedimentology)

Thesis:

Sedimentology and geochemistry of the mixed carbonate-siliciclastic Espanola Formation, Paleoproterozoic Huronian Supergroup, Bruce Mines-Elliot Lake Area, Ontario, Canada

Kansas State University, USA (2004-2007)

M.S., Geology (Sedimentology)

Thesis:

Comparing the tidally influenced facies of the Tonganoxie Sandstone in northeastern Kansas with modern analogs from Turnagain Arm of Cook Inlet, Alaska, USA

King Saud University, Saudi Arabia (1998-2001)

B.S., Geology (General)

Teaching Experience

Assistant Professor (2017-present) **King Saud University, Saudi Arabia**

Duties: Teaching a variety of courses including Physical Geology (GEO 101), Sedimentary Petrology (GEO 334), and Sedimentology and Stratigraphy (GEO 236). Leading several departmental committees. Academic advising.

Lecturer (2007-2011) **King Saud University, Saudi Arabia**

Duties: Teaching lab component of structural geology, sedimentary petrology, and carbonate petrography courses. Introducing computer-based lab assignments to replace

some paper-based assignments. Supervising and instructing students in conducting petrographic investigations and helping them with other laboratory techniques.

Teaching Assistant (2002-2004)

King Saud University, Saudi Arabia

Duties: Teaching lab component of sedimentary petrology, carbonate petrography, and invertebrate paleontology courses. Assisting in development of lab curriculum. Updating and revising existing lab assignments. Introducing lab techniques, and assisting students with lab assignments and projects.

Fieldwork Experience

- Volcanoes of New Mexico, summer camp, New Mexico, USA - sponsored by the Department of Geology at Kansas State University (2005)
- Sedimentology of tidal flats, fieldwork, Alaska, USA- sponsored by the Department of Geology at Kansas State University (2006)
- Geology of the Death Valley area, summer camp, California, USA- sponsored by the Department of Geology at Kansas State University (2007)
- Geology of the southern part of the Arabian-Nubian Shield, summer camp, Abha, Saudi Arabia- sponsored by the Department of Geology and Geophysics at King Saud University (2008)
- Geology of the northernmost part of the Arabian-Nubian Shield, summer camp, Tabuk, Saudi Arabia- sponsored by the Department of Geology and Geophysics at King Saud University (2009)
- Geological mapping of the Paleoproterozoic Espanola Formation in the Elliot Lake area, fieldwork, Ontario, Canada- sponsored by the Department of Earth Sciences at the University of Western Ontario (2012)
- Geological mapping of the Paleoproterozoic Espanola Formation in the Quirke Lake area, fieldwork, Ontario, Canada- sponsored by the Department of Earth Sciences at the University of Western Ontario (2013)

Memberships/Activities

Member, Geological Society of America (GSA), 2005-2007

Member, Society of Exploration Geophysicists (SEG), 2006- 2009

Member, American Association of Petroleum Geologists (AAPG), 2006-2010

Member, Saudi Society for Geosciences (SSG), 2011-2012

Member, Kansas State Alumni Association, 2010- present

Professional Member, International Association of Sedimentologists (IAS), 2015-present

Professional Member, Society for Sedimentary Geology (SEPM), 2015-present

Member, Committee of Student Affairs, Department of Geology and Geophysics, King Saud University, 2017-present

Member, Alumni and Human Resources Committee, Department of Geology and Geophysics, King Saud University, 2017-present

Member, Laboratory and Safety Committee, Department of Geology and Geophysics, King Saud University, 2017-present

Member, ISO Committee, Department of Geology and Geophysics, King Saud University, 2017-present

Conferences/Publications

- Osama M. Kassem, Faisal K. Zaidi, Yousef A. Al-Amri, **Mansour H. Al-Hashim**, (2022). Finite Strain and Structural Evolution for the Ajaj Shear Zone, Northwestern Arabian Shield, Saudi Arabia. *Geotectonics*. DOI:10.1134/S0016852122020091.
- Hisham A. Gahlan, Mokhles K. Azer, **Mansour H. Al-Hashim**, Mohamed Th. Heikal, (2022). Highly evolved rare-metal bearing granite overprinted by alkali metasomatism in the Arabian Shield: A case study from the Jabal Tawlah granites. *Journal of African Earth Sciences* 192(3). DOI:10.1016/j.jafrearsci.2022.104556.
- Osama M. Kassem, Faisal K. Zaidi, Yousef A. Al-Amri, **Mansour H. Al-Hashim**, (2022). Structural Evolution for AJAJ Shear Zone, Northwestern Arabian Shield, Saudi Arabia. In book: *Advances in Geophysics, Tectonics and Petroleum Geosciences* (pp.511-514). DOI: 10.1007/978-3-030-73026-0_116.
- **Mansour H. Al-Hashim**, Hesham M. El-Asmar, Zaki Abdel-Fattah, (2022). Depositional environment and sequence stratigraphy of the Upper Cretaceous Aruma Formation, NE Riyadh, Saudi Arabia. *Journal of African Earth Sciences* 188:104479. DOI:10.1016/j.jafrearsci.2022.104479.

- **Mansour H. Al-Hashim**, Patricia L. Corcoran, (2021). Synsedimentary deformation structures within the Paleoproterozoic Espanola Formation, Huronian Supergroup, Canada: Implications for basin tectonism and paleodepositional conditions. *Precambrian Research* 367(6):106441. DOI:10.1016/j.precamres.2021.106441.
- Mohamed Tawfik, **Mansour H. Al-Hashim**, Abdelbaset El-Sorogy, Talal Alharbi, (2021). Coastal Alluvial Fans of the Raghama Formation, Northern East Red Sea, Saudi Arabia. *Journal of Coastal Research* 37(6). DOI:10.2112/JCOASTRES-D-20-00158.1.
- **Mansour H. Al-Hashim**, Abdelbaset El-Sorogy, Saleh Qaysi, Talal Alharbi, (2021). Contamination and ecological risk of heavy metals in Al-Uqair coastal sediments, Saudi Arabia. *Marine Pollution Bulletin* 171:112748. DOI:10.1016/j.marpolbul.2021.112748.
- **Mansour H. Al-Hashim**, Hesham M El-Asmar, Mohamed Hereher, Fahad Alshehri, (2021). Sedimentomorphologic geodiversity in response to depositional environments: remote sensing application along the coastal plain between Ummlujj and Al-Wajh, Red Sea, Saudi Arabia. *Arabian Journal of Geosciences* 14(11). DOI:10.1007/s12517-021-07437-0.
- Osama M. Kassem, Yousef A. Al-Amri, Faisal K. Zaidi, **Mansour H. Al-Hashim**, (2021). Structural Setting and Kinematic Analysis of Halaban Region, Eastern Arabian Shield, Saudi Arabia. *Acta Geologica Sinica* 95(1). DOI:10.1111/1755-6724.14690.
- Yasser Salama, **Mansour H. Al-Hashim**, Michael G. Grammer, Hesham M. El-Asmar, Ibrahim M. Abd El-Gaied, (2020). Palaeoecology and facies analysis of benthic communities in mid-Cretaceous successions in the Sinai platform, Egypt. *Journal of African Earth Sciences* v. 175, 104091. DOI:10.1016/j.jafrearsci.2020.104091.
- **Al-Hashim, M.H.**, 2013. Newly discovered stromatolites in the Paleoproterozoic Espanola Formation, Huronian Supergroup, Canada: implications for ancient atmospheric and depositional conditions. In: 2013 Advances in Earth Science Research Conference (AESRC) in London, Ontario.
- **Al-Hashim, M.H.**, Corcoran, P.L., 2014. Evidence for syn-sedimentary tectonism in a Paleoproterozoic rift basin; the Espanola Formation, lower Huronian Supergroup, Canada. In: 2014 GSA Annual Meeting in Vancouver, British Columbia.
- **Al-Hashim, M.H.**, 2015. Sedimentology and facies analysis of the Paleoproterozoic mixed carbonate-siliciclastic Espanola Formation, Huronian Supergroup, Canada:

reassessment of depositional environments. In: 2015 Advances in Earth Science Research Conference (AESRC) in Kingston, Ontario.

- **Al-Hashim, M.H.**, Corcoran, P.L., 2015. Sedimentology and geochemistry of the Paleoproterozoic shallow-marine Espanola Formation, Huronian Supergroup, Canada: implications for deposition in a tectonically-controlled rift basin. In: Abstracts of 31st International Association of Sedimentologists Meeting of Sedimentology held in Krakow on 22nd–25th of June 2015. Polish Geological Society, Kraków, p. 28.

Languages

Arabic and English

