

Masters and doctoral theses of philosophy of science

A. Master theses

Researcher Name	Year	Thesis Title	Supervisors
Adel Sami Hassan Othman	2021	Discrimination between earthquakes and artificial Explosions	Ibrahim Mohamed Korrat, Hesham Hussein M. Moussa & Mohamed Nabil El-Gabry
Amina Reda Abd-Allah Ibrahim	2021	Facies analysis and sequence stratigraphy of the Marmarica formation (middle Miocene) at Siwa area, Egypt	Ahmed I. El-Belasy, Adam El-Shahat & Tarek I. Anan
Ahmed Magdy Abdel-Mgeid Beshr	2020	Integration of Geophysical Field Survey and Radar Remote Sensing Technique for Groundwater Exploration at West Qena Area, Egypt	Adel Kamel Mohamed, Ahmed Abdel-Moneim El-Galladi & Ahmed El-Sayed Gaber
Mohamed Ahmed Mohamed Masoud	2020	Sedimentological and environmental studies on the shore zone of Tobruk city, Libya	Amin Mostafa Gheith, Tark Ibrahim Ismail Anan, & Ahmed Gomaa Mohamed
Maged Mamdouh Abd El Hai Kamel Ibraheem	2020	Integration of airborne geophysical and remote sensing data for geological mapping and delineation of potential mineralization zones in the Hamash area, South Eastern Desert, Egypt	Hamdy Hamed Seisa, Islam Hamza Abou El Magd & Hatem M. Abo El - khair
Iman Mohammed Anwer Al-Yaqoubi	2020	Geo-environmental indices and pollution levels of soil and water in Al-khassah area, northeastern Iraq	Amin Mostafa Gheith
Ahmed Abdullah Miftah Mohamed	2019	Sedimentological studies on the coastal sabkha deposits of the Al-Dafna plateau, northeast Tobruk, Libya	Amin Mostafa Gheith & Tarek Ibrahim Anan
Asmaa Abd El Fattah Sedeek	2019	Palynology and palynofacies analyses of the Oligocene Dabaa Formation, Amana-1X well, north Western Desert, Egypt	Salah Yousef El Beialy & Mohamed Kamal Zobaa
Omaima Ibraheem	2019	Evaluation of water resources in Matruh, northwestern coastal zone of	Prof. Dr. Adam El-Shahat Ali & Associate

Mohammad Abdalazeez Ateya		Egypt	Prof. Dr. Ahmed Shalaby Ebrahim
Mohammed Abd El-Hameid El-Sayed El-Hanafy	2019	Microtremors measurements in Dakahlia Governorate	Ibrahim M. Korrat, Imam Marzouk & Iman Farag Abu El-Nadr
Walid Ali Mohammed Moustafa	2019	Airborne Geophysical Surveys and Remote Sensing Data for Structural Geological Mapping and Mineral Exploration on Dungash – Atud Area, South Eastern Desert, Egypt	Hosni Hassan Ghazala, Hatem Mohamed Abo El-khair & Mohamed El Said Mohamed Mebed
Sawsan Kamal El Desoky El - Namla	2019	Geochemical Investigations and Environmental Assessment on the Bottom Sediments and Water Quality of Damietta Nile Branch, Egypt	Amin Mostafa Gheith
Mohamed Rashwan Hassan Sharaf El Din	2019	Engineering Geophysical Studies on the Beit Alwatan Soil for Construction Purpose, at the Northeastern Part of New Cairo City, Egypt	Adel Kamel Mohamed, Hamed Shaker Askar & Lamees Mohamed El Sayed
Hossam Hassan Abd El Hamed	2018	Integrating magnetotelluric measurements with simultaneous magnetic observatory records to improve crustal investigations by telluric recordings	Haosni Hassan Ghazal, Tarek Arafa Hamed, & Ahmed El-Kotb Emam
Mohamed Abd El-Fatah Badr	2018	Geological study on the raw materials used in cement industry and the optimal use of the industrial bypass product, central Sinai Area (Gebel Libini and Wadi El-Mashashe) – Egypt	Amin Mostafa Gheith & Hassan Kamal Abd El-Aziz
Asmaa Samy Abd El-Fatah Ibrahim	2018	Geological and environmental studies on the phosphate deposits of East Central Sinai, Egypt	Amin M. Gheith, Mohamed M. El-Sankary & Tarek I. Anan
Menna Tullah Saieed Haggag	2018	Subsurface geological study at the area of Sohag Basin, Egypt	Hosni H. Ghazala & Lamees M. El-Saied
Farag Adam Ali Adam	2018	Petrographical and mineralogical studies on the Oligocene-Miocene formations of Al Bardia coastal area, east Tobruk city, Libya	Amin Mostafa Gheith & Tarek Ibrahim Anan
Hanan Helmi Mohamed Genidi	2018	Reservoir characterization of the GH 376 oil field, southern Gulf of Suez, Egypt	Adel Kamel Mohamed & Hatem Farouk Ewida
Salah Soliman Mohammad Hassan	2018	Petrographical, mineralogical and geochemical studies on the Eocene Oligocene carbonates of Al Gabal Al Akhdar around Al Bayida city – Libya	Amin Mostafa Gheith & Tarek Ibrahim Anan
Abd El-Hamid Mohamed Abd El-Rhman El-Bshbeshy	2018	Crustal deformation modeling for Aswan area deduced from global positioning system (GPS) and InSAR data	Hosni Hassan Ghazal, Abd El-Monem Syed Mohamed & Mohamed Saleh Ahmed
Sanaa El-Sayed El-Bassiouny El-Sayed	2017	Paleontological studies on some Eocene vertebrates from Wadi El-Hitan, Fayum, Egypt	Mahmoud Ahmed Kora & Hesham Mohamed Sallam

Islam Hosni Hemdan El-Dessouki Hamama	2017	Analysis of the international monitoring system (IMS) infrasound data for source verification	Ibrahim M. Korrat & Hesham Hussein Mohamed
Fadeel Ibraheem Fadeel Saad	2017	Organic geochemistry and palynological investigations of the Silurian Tanezzuft Formation	Salah Yousef El Beialy & Waleed Shukry El Diasty
Mohamed Ahmed Mohamed Abd El-Hadi Badawy	2017	Structural setting and geochemistry of the basement rocks at Wadi Barud area, Eastern Desert – Egypt	Shaaban El-Sayed Mashaal, Farid Mahmoud Ali Makroum & Kurt Stuewe
Iman Abd El-Aziz Ali Mohammed El-Dawoudi	2017	Upper cretaceous dinosaur remains from the Dakhla and Kharga Oases, Western Desert, Egypt	Mahmoud Ahmed Kora & Hesham Mohamed Sallam
Ahmed Shaaban Ali Awad-Alla	2017	One dimension petroleum system modeling of Abu Rudeis oil field, Gulf of Suez- Egypt	Omar Abd El-Rahman Mohamed Hegab, Saad Hassan Mohamed & Mohammed Awad Ahmed Ahmed
Mohamed Adel Mohamed El-Sayed Genedi	2016	Reservoir characterization of Belayim formation, Ras Fanar oil field, Gulf of Suez, Egypt	Hosni Hassan Ghazala & Mohammed Awad Ahmed
Mostafa Mohamed Ahmed Hassan Mahmoud	2016	Integrated study for petroleum system modeling of north east Abu Gharadig basin (NEAG), Western Desert – Egypt	Ghaleb Ibrahim Essa & Mohammed Awad Ahmed
Ibrahim Salem Mahmoud	2016	Prospect evaluation for the cretaceous reservoirs in BED_3 and Sitra, Abu Gharadig Basin, North Western Desert – Egypt	Hosni Hassan Ghazala & Waleed Shukry El Diasty
Mahmoud Ibrahim Mahmoud Abd El-Aziz	2016	Groundwater exploration in the central part of Sinai by using geoelectric and potential field data	Hosni Hassan Ghazala & Sultan Awad Sultan Araffa
Hamed Gomaa Hamed Ismail	2016	Integrated geophysical studies for mineral exploration at Wadi Dendekan, Hamata area, South Eastern Desert, Egypt	Hosni Hassan Ghazala, Salah Ahmed Mansour & Ahmed Abd El-Moneim El-Galladi
Eslam Esmail Abd El Khalek Mansour	2016	Geology and reservoir characterization of some selected Pliocene reservoirs offshore west Nile Delta, Egypt	Nour Azhar Ibrahim, Hamdy Hamed Ali Seisa & Ibrahim Mohammed Korrat
Aboel-Khair Loay Aboel-Khair Al-Attar	2016	Shaly gas reservoir quality and performance using well log data, Sequoia Field, West Nile Delta, Egypt	Hamdy Hamed Ali Seisa & Ahmed Mohamed Kamal Basal
Tarek Abdallah Annwari	2016	Organic geochemistry, palynofacies analysis and related crude oils of the Silurian Tanezzuft Formation in the Murzuq Basin, Libya	Salah Y. El Beialy & Waleed Sh. El Diasty
Hamada Salama Abdelhady Moustafa Tawfiek	2015	Geophysical prospecting for locating probable areas of metallic mineralization in South Shalatiyen Province, South Eastern Desert, Egypt	Hosni Hassan Ghazala, Mohamed El-Said Mohamed Mebed & Ahmed Abd El-

			Moneim Al-Galladi
Ibrahim Ahmed Mohammed Al-Brol	2015	Integrated interpretation of gravity and magnetic data for the delineation of structure and tectonics, North Sinai, Egypt	Hosni Hassan Ghazala, Mohamed El-Saied Mohamed Mabid & Ahmed Abd El Moneim El Galladi
Mohamed Abd Alla Abu Al-Atta	2015	Hydrocarbon exploration and tectonic evolution of Belayim Marine oil field, Gulf of Suez, Egypt	Ghaleb Ibrahim Essa, Mohammed Awad Ahmed & Mohamed Moustafa Afife
Hanaa Ali El Adl Abu El Enen	2015	Source rock evaluation of the Upper Cretaceous – Miocene deposits of the Ras El Bahar field, Southern Gulf of Suez, Egypt	Salah Y. El Beialy, Alaa El-Din R. Mostafa & Waleed Sh. El Diasty
Diaa El-Sayed Hamed Abd-Alla	2015	Archaeo-geophysical investigation for the Greco-Roman necropolis at kilo 6 of the golden mummies valley, Bahariya Oasis, Egypt	Hosni H. Ghazala, Abbas M. Abbas & Hany S. Mesbah
Adnan Qadhi Mahdi	2015	Source rock evaluation of the Najmah, Chia Gara and Balambo formations and related crude oils, northwestern Zagros Basin, northern Iraq	Salah Y. El Beialy & Waleed Sh. El Diasty
Ahmed Abd El Sameea El Sayed Abo Ghonaim	2014	Hydrocarbon source rock evaluation of the Belayim oilfields, Gulf of Suez, Egypt	Salah Y. El Beialy, Alaa El-Din R. Mostafa & Waleed Sh. El Diasty
Mohamed Ahmed El-Baz	2014	A comparison of AVO inversion techniques for estimation of reservoir properties in serpent field, west Delta Deep Marine, Egypt	Hamdy Hamed Seisa & Ashraf Yehia El-Amir
Amany Adel Abd El Bary Ibrahim	2014	Geochemistry and petrogenesis of dyke rocks of Wadi Rimth area, South-Central Sinai, Egypt	Shaaban E. Mashaal & Ahmed A. El-Metwally
Hussein Farouk Abd El-Salam	2014	Geophysical studies for Um Gir El-Atshan	Hosny Hassan Ghaszala, Assran Sayed Mohammed Assran & Ragaa Abd El-Gawwad Mahmoud El-Sayed
Hafsa Mahmoud Atia Atia	2014	An integrative modeling of Ras Badran Field, Gulf of Suez, Egypt	Ibrahim Mohamed Korrat & Mohammed Awad Ahmed
Fatma El-Sayed El-Desoky Ibrahim Deshesh	2013	Metamorphic and tectonic studies of the basement rocks of Meatiq area, central Eastern Desert, Egypt	Mahrous M. Abu El-Enen & Farid M. Makroum
Ahmad Mohammad Faried Mansour	2013	Studying the site effect on the seismic ground motion of the Egyptian national seismic network stations in north Egypt	Hamdy Hamed Seisa, Abuo El-Ela Amin Mohammad & Adel Mohammad Elshahat
Amal Abd Elghany Abd Elkhalik Othman	2013	Geodynamic evolution Shoab Ali oil field, gulf of Suez, Egypt : characteristics of its petroleum system	Mohamed Refaat Abd Allah Sherief, Ibrahim Mohamed Korrat & Mohammed Awad Ahmed

Islam Nabih El-Ashary Hassan	2013	Evaluation of the upper cretaceous reservoir in Sidi Barrani field, north Western Desert, Egypt	Mahmoud Abd El-Halim Ghorab, Ghaleb Ibrahim Essa & Tarek Farag El-Shazly
Ahmed Gomaa Mohamed Abd El-Wahed	2013	Sedimentology and assessment of the Middle Eocene El-Minya clay deposits for ceramic industries on the light of their chemical, mineral and microstructure characteristics	Omar Abd El-Rahman Hegab & Mohamed Abd El-Kader Serry
Mahmoud Lotfy Mahmoud Abd El-Razik Leila	2012	Subsurface geology and reservoir characterization of the El Tamad field, northeast Nile delta, Egypt	Mahmoud Ahmed Kora, Mohammed Awad Ahmed & Abd El-Hakim Hashem Ghanem
Asem Mostafa Taha Mohamed Salama	2012	Seismic exploration for buried paleo-river branches as groundwater aquifers in the area northeast of the Nile Delta, Egypt	Abd El-Hamid Ahmed Taha, Imam A. Marzouk & Hamdy Hamed Seisa
Mohamed Refaat El-Metwaly El-Ashmony	2012	Crustal modeling of the offshore of north Nile Delta area for the potential Data	Hamdy Hamed Seisa & El-Sayed Ibraim Selim
Ahmed Ahmed El Husseiny Mussa	2012	Analysis and interpretation of airborne magnetic and gamma-ray spectrometric survey data of East Gebel Hamid area, Northern Western Desert, Egypt	Ali Mohamed Sabri Abdelaziz, Alaa Eldein Ahmed Fahmy Aref & Mohammed Refaat Abdallah Sherif
Heba Mohamed Abd El-Hameed Ali El-Desouky	2012	Pliocene and Pleistocene corals from Marsa Alam area, red sea coast, Egypt	Mahmoud Ahmed Kora & Salah Nasr Ayyad
Nagia Mostafa Ameen Mohamed	2010	Environmental changes and human impact in El Burullus Lake	Salah Nasr Ayyad & Ramdan Hessin Abu Zied
Reda Ahmed Esmat Tawfik El-Arafy	2010	Composition and radioactivity of groundwater and some Quaternary sabkha sediments in Bahariya Oasis, Egypt	Adam El-Shahat Ali Yousef & Nasser Loutfi El-Agami
Maiada Atef Ezzat El-Soholy	2010	Sedimentological study on the sediments of islands in El Burullus Lagoon, North Nile Delta, Egypt	Zaki Mohamed Zaghoul, Essam Mahmoud El-Khoriby & Hosny Hemdan El-Desouky

B. PhD theses

Researcher Name	Year	Thesis Title	Supervisors
Hanaa Ali El Adl Abu El Enen	2021	Reservoir characterization and rock typing evaluation of the Abu Madi Formation in south Batra gas field, Nile Delta – Egypt	Adam El-Shahat, Tarek Anan, Mohamed Awad Ahmed & Mahmoud Leila
Adel Abd Elazim Mohamed Ibrahim	2019	Integrated core and well logs petrophysical analysis of el Tamad field, onshore Nile Delta – Egypt	Mohamed Awad Ahmed, Abd El Hakim Hashim, & Amin Mostafa Gheith
Ahmed Abd El-Sameea El-Sayed Abo Ghonaim	2019	Organic geochemistry of crude oil and evaluation of related source rocks, Gulf of Suez, Egypt	Salah Y. El Beialy, Alaa El-Din Mostafa & Waleed Sh. El Diasty
Emad Yousif Mohamed Yousif Hashish	2018	Comparative geotechnical study on some Egyptian rocks used in road construction	Omar Abd El-Rahman Hegab & Sherif Massoud El-Badawy
Fatma El-Sayed El-Desoky Ibrahim Deshesh	2018	Characteristics and evolution of the Atalla Gold Deposit in the central Eastern Desert, Egypt	Ahmed A. El-Metwally, Shaaban E. Mashaal & Basem A. Zoheir
Heba Mohamed Abd El-Hameed Ali El-Desouky	2018	Carboniferous corals from the western side of the Gulf of Suez	Mahmoud Ahmed Kora & Hans-Georg Herbig
Amany Adel Abd El-Bary Ebrahim	2018	Rare earth elements geochemical prospecting of Wadi Um Safi, Central Eastern Desert, Egypt	Ahmed A. El-Metwally, Tarek M. Ibrahim, Ashraf E. Soliman & Nahla I. Abd El-Ghaffar
Mahmoud Fawzy Fahmy Shehab El-Dein	2018	Integration of different petrophysical and sedimentological tools to characterize the deep marine reservoirs of sapphire field, West Nile Delta, Egypt	Omar Abd El-Rahman Hegab, Ahmed Taha Amin & Samir Mohamed Raslan
Amal Abd El-Ghany Abd El-Khalik Othman	2018	Hydrogeophysical study on the area northwest El Sadat City west Nile Delta – Egypt	Hosni H. Ghazala, Torleif Dahlin, Hany Salah Mesbah, & Ismael Ibraheem
Ahmed Ibrahim Ramadan El-Belasy	2018	Sedimentology and sequence stratigraphy of the Coniacian–Santonian Matulla Formation, West Sinai, Egypt	Adel M. Genedi, G. Michael Grammer, Tarek Anan & Hamdalla Wanas
Abd El Aziz Saif Ahmed	2018	Integrated geophysical study on the central part of Sayun – Masila	Hosni Hassan Ghazala & Farid

Qahtan		sedimentary basin, Yemen	Mahmoud Makroum
Ahmed Gomaa Mohamed Abd El-Wahed	2017	Sedimentology of some glauconite bearing units in Egypt and assessment of their uses in agriculture purposes	Omar A. Hegab, Ramadan E. Kenany & Tarek I. Anan
Ahmed Sabry Alla El-Din Abd El-Azim Khalf	2016	Mud logging quality control and pore pressure prediction using geological and geophysical data in selected fields, Nile Delta, Egypt	Omar Abd El-Rahman Hegab, Mohammed Awad Ahmed & Mohamed Nashaat Mohy El-Din
Nisreen Nuri Ramadan Qasem Agha	2016	Sedimentological characterization, organic geochemistry and palynofacies analysis of the Upper Cretaceous – Paleogene succession, west Sirte Basin, Libya	Salah Yousef El-Beialy, Amin Mostafa Gheith, Waleed Shukry El Diasty & Haytham Sid Ahmed El Atfy
Wafaa Jawad Abd-Ullah Nasser Hussain	2016	Assessment, monitoring and treatment of water logging and soil salinity in wafra agricultural area, southern part of Kuwait	Amin Mostafa Gheith, Raafat Fahmy Misak, Jasem M. Al-Awadhi & Abd El-Hamid Taha
Mona Hamada Hegazi Youssif Saleh	2015	Crustal structure of northern Egypt using Joint inversion of seismic waves	Ibrahim M. Korrat & Ahmed Ali Badawy
Ahmed Ibraheim Abu El-Ela Ibraheim Darweish	2015	Environmental and human impact assessments of the Nile Delta lagoons using remote sensing and GIS techniques	Amin Mostafa Mostafa Gheith, Zaki Mohamed Zaghloul & Islam Hamza Abou El-Magd
Hanan Mahmoud Gaber Farghly	2015	Earthquake risk assessment of Cairo, Egypt	Ibrahim M. Korrat & Ahmed Aly Badawy
Ahmed Saad Saad Mohamed El-Desouky	2014	Environmental assessment of the costal plain between Shalateem and Abu Ramad, Gabal ELab protected area, Eastern Desert, Egypt, using remote sensing and GIS techniques	Omar A. Hegab, Tarek Mohamed Ibrahim & Khalid Gamal Ali
Ahmed Abd El-Mohsen Ramadan	2013	Geological and geochemical studies on granite rocks and their hosted enclaves, south western Sinai, Egypt	Abd El-Kader Zalata, Ahmed El-Metwally & Shaaban Mashaal
Sadek Bashir Ahmed Khomiara	2013	Geological studies on the quaternary coastal deposits between Tripoli and Musrata, Libya	Adam El-Shahat, Adel Genedi, Haithem Minas & Mohamed Abdel Galil
Mohamed Nabil El Gabry	2012	Nonlinear inversion of surface wave tomography in Eastern Mediterranean	Adam El-Shahat A. Yousef, Giuliano Francesco Panza, Ibrahim Mohamed Korrat & Ahmed Ali Badawy
Yousry Mohamed Mahmoud	2011	Optimum use of geological raw materials in industry and their	Ahmed Abd El-Latif M. El-Metwally, Abd

Ibrahim		environmental impact	El-Rahman M. Hassanein & Mamdouh F. Abd El-Sabour
Safaa Mohamed Mahmoud Abd Allah Shahin	2011	Biostratigraphy of the Upper Cretaceous-Lower Paleogene successions in western Sinai, Egypt	Salah N. Ayyad, Abd Allah M. Shahin, Mahmoud M. Faris & David B. Scott
Nadia Mohamed Hassan Abo Ali	2011	Geodynamic properties of the gulf of Suez region derived from GPS and seismic data	Mohamed R. Shereif, Salah M. Mahmoud & Abd El-Monem S. Mohamed
Iman Farag Hassan Abo El-Nazar	2010	Seismotectonics of Egypt in view of an updated earthquake catalogue	Mohamed Refat Shereef, Ibrahim Mohamed Korrat, Hesham Hussein Mousa & Imam Abd El-Moneim Marzouk
Waleed Shukry El Diasty	2010	Organic geochemistry and hydrocarbon potentiality of the subsurface Miocene–Pliocene succession in the northwestern part of the Nile Delta	Mahmoud Mohamedien Hammad, Ghaleb Ibrahim Essa & John Michael Moldowan
Tarek Ibrahim Ismail Anan	2010	Sedimentology of the Cenomanian–Turonian succession in west central Sinai, Egypt	Michael Grammer, Adel Mohamed Genedi & Adam El-Shahat Ali
Enas Abd El-Hady Ahmed	2010	Vertebrate Paleontological Studies On Order Hyracoidea (Mammalia) In Fayum Province, Egypt	Mohamed Mahmoud Mansour Abed & Geologist Yousry Saad Attia