



CURRICULUM VITAE

Prof. Mona Fouad Mohamed Kaiser
September (2016)

Remote Sensing and GIS
Geology Department "Environmental Hazards Assessment"
Faculty of Sciences
Suez Canal University
Ismailia
Egypt

Name: Mona Fouad Mohamed Kaiser

Name (Abbreviated): M.F. Kaiser

Position: Professor in:

Remote Sensing and GIS applications in Environmental Hazards

Affiliation: Suez Canal University, Ismailia, Egypt

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monakaiser2013@gmail.com

Qualifications

- 1- **B.Sc.**, Faculty of Sciences, Suez Canal University, May 1988, Distinction with Honours
- 2- **M.Sc.**, Faculty of Sciences, Suez Canal University, Ismailia, April 1996, for a thesis entitled "Constitution and origin of the unconsolidated sediments in El-Tarfa and Feiran areas, South Sinai, Egypt. M.Sc., Faculty of Sciences, Suez Canal University, Ismailia. Supervised by A.M. Morsy, F.M.El-Fawal, M.K.Abu El-Enein.
- 3- **Ph.D.** in Geography Department (Remote Sensing and Geographic Information Systems, GIS), Faculty of Sciences, University of Reading, UK, June 2004, for a thesis entitled "Monitoring and modelling the impact of engineering structures on coastline changes, Nile Delta, Egypt".

Positions Held

1989-1996: Demonstrator, Faculty of Sciences, Suez Canal University, Ismailia

1996-2004: Assistant Lecturer of Geology, Faculty of Sciences, Suez Canal University, Ismailia

2004-2010: Lecturer in Geography (Remote Sensing and Geographic Information Systems), Faculty of Sciences, Suez Canal University, Ismailia

2006-2009: Lecturer in Remote Sensing and Geographic Information Systems), Geography and Urban Planning Program, College of Arts and Sciences, Qatar University, Doha-Qatar

2010-2015: Associate Professor in Remote Sensing and Geographic Information Systems (Environmental Hazards), Faculty of Sciences, Suez Canal University, Ismailia

30 June-30 July 2011: Post-doctor Fellow in the Center of Remote Sensing, Boston University, USA

2015-till now: Professor in Remote Sensing and Geographic Information Systems (Environmental Hazards Assessment), Faculty of Sciences, Suez Canal University, Ismailia

28 August 2016-till now: **Vice Dean** of the Community Service & Environmental Development in the Faculty of Science, Suez Canal University, Ismailia, Egypt.

Scientific and field activities

Member in the project “Geologic exploration in North Sinai” carried out for North Sinai Groundwater Resources, study team (JICA, Japan) from January to April 1990.

Participate in the summer training of the fourth year students at the Remote Sensing and Geographic Information System in Geology Department, Faculty of Sciences, Suez Canal University, Egypt during the period 2004-2006 & 2009- till now.

Coordinator of the first symposium of the "Coasts and Lakes along Northern Egypt: Hazards, Protection and Integrated development", held in Suez Canal University on Saturday, 18 March 2006.

Supervisor of the academic advisory group 2006/2008, female students who registered in 2005 at the Geography and Urban Planning Program, College of Arts and Sciences, Qatar University

Member in the field training committee 2006-2008 at the Geography and Urban Planning Program, College of Arts & Sciences, Qatar University

Member in the Seminar Organizing Committee 2006-2008 at the College of Arts and Sciences, Qatar University

Member in the Geographic Information Systems (GIS) committee (2006-2009) at the Geography and Urban Planning Program, College of Arts& Sciences, Qatar University

Coordinator of the Students Learning Outcomes Assessment System (SLOAS) for the academic years 2006-2007, as a representative to the Geography and Urban Planning Program, College of Arts& Sciences, Qatar University

Member in the student academic timetable committee (2006/2007) at the Geography and Urban Planning Program, College of Arts and Sciences, Qatar University

Invited speaker in Short Course on Shore Protection Strategies which was held in Italy, Marina di Massa, 17-20 September 2007 with a lecture entitled "Optimising Coastal Defence through the use of numerical models"

Coordinator of the "Scientific Research and Research Activities" in CIQAP, Faculty of Science, Suez Canal University 2009-till now

Coordinator of the Faculty of Science`s Electronic Website, Suez Canal University 2010-2014.

Member in the Geologic Department committee 2010-till now

Supervisor of the Faculty of Science`s Library, Suez Canal University from May 2015- till now.

Courses

English Language course at the British Council, Cairo that leads to Toefl test in 2004 with overall score 553

Intensive English Language course in Reading University, UK., that leads to IELTS test in 2004 with overall band 6.

Attending training course in "**Setting Up Leaders in the field of Prevention and Combating Corruption**" which was held at the Headquarters of the Administrative Control Authority in Cairo for 6 days during the period from 12.12.2015 till 17.12.2015.

Online courses

Learning ArcGIS Desktop for ArcGIS 9.3 during 2010-2011

Publications

1. El-Fawal, F.M., Morsy, A.M., Abu El-Enain, M.K. and **Kaiser, M.F.** (2003). "Facies analysis and depositional history of the Quaternary sediments of El-Tarfa Oasis, South Sinai, Egypt, *Egyptian Journal of Geology*, 47 (2), 853-870 pp
2. **Kaiser, M.F.M.**, Lawrence, D.S., White, K.H. and Frihy, O.E. (2005). "Impact assessment of engineering structures along the Nile Delta, Egypt" *The First International Conference and Exhibition on Geo-Resources in the Middle East and North Africa (GRMENA-1)*, 223-241pp, 26th February- 1st March 2005, Cairo University.
3. **Kaiser, M.F.M.**, Lawrence, D.S., White, K.H. and Frihy, O.E. (2005). "A new approach to simulate shoreline changes, Nile Delta, Egypt" *The International Conference on development and tourism in coastal areas*, INTA, 9-12 March 2005, Sharm El-Sheikh
4. **Kaiser, M.F.M.** (2006). "Using remote sensing and mathematical modelling to specify factors controlling simulated shoreline changes, west Port Said governorate, Egypt". *Egyptian Journal of Geology*, **50**, 325-337pp.
5. **Kaiser, M.F.M.**, Hassan, M.A.A. (2007). "Linking between the pattern of shoreline changes and coastal soils characteristics using remote sensing approach at Port Said, Egypt". *The Second International Conference and Exhibition on Geo-Resources in the Middle East and North Africa (GRMENA-2)*, Cairo University
6. Ahmed, M.H.; Abdel- Kader, O.H. and **Kaiser, M.F.** (2007). "Hazards influencing coastal plains management along the Eastern Stretch of the Gulf of Suez using remote sensing and GIS". *Proceeding of the International Geo-Science and Remote Sensing Symposium (IGARSS07)*, Barcelona, Spain, IEEE Xpolre, 3728-3731pp
7. **Kaiser, M.F.** and Gereish, M.H. (2008). "Coastal erosion and salt water intrusion in the El-Arish area, North Sinai, Egypt". *Egyptian Journal of Geology*, **52**, 103-114pp
8. **Kaiser, M.F.M.** and Frihy, O.E. (2009) "Validity of the equilibrium beach profiles: Nile Delta, Egypt". *Geomorphology*, **107**, (1-2), Elsevier publication, 25-31pp

- 9. Kaiser, M.F.M.** (2009). "Environmental changes, remote sensing and infrastructure development: The case of Egypt's East Port Said Harbour". *Applied Geography*, **29**, (2) Elsevier publication, 280-288pp
- 10. Kaiser, M.F.,** Amin, A.S. and Aboulela, H. (2009). "Environmental Hazards in the El-Temsah Lake, Suez Canal District, Egypt. In Geoscience and Remote Sensing book published by intech-web.org, Open Access Publisher, ISBN: 978-953-7619.
- 11. Kaiser, M.F.,** Aboulela, H., El-Serehy, H.A. and Ezz Edin, H. (2010). "Spectral Enhancement of the SPOT Imagery Data to Assess Marine Pollution near Port Said, Egypt. *International Journal of Remote Sensing*, Taylor & Francis, vol. (31), no. (7), 1753-1764pp, **2014, I.F. 1.652**
12. Al Kuwari, N. Y. and **Kaiser, M.F.** (2011). "Impact of North Gas Field Development on Landuse/ Landcover changes at Al Khore, North Qatar, Using Remote Sensing and GIS. *Applied Geography*, Elsevier publication, 31, 1144-1153pp. doi:10.1016/j.apgeog.2011.03.001, **ISSN: 0143-6228, 5- year I.F. 3.049**
13. Abubakr, M., **Kaiser, M.F.** and El Baz, F. (2011). "Remote Sensing indicators of recent drainage reversal of wadi water, Eastern Sinai Peninsula". Published as a poster In GSA Annual Meeting in Minneapolis, USA, 9-12 October 2011
- 14. Kaiser, M.F.,** Aboulela, H.A., El-Serehy, H. And Ezz El-Din, H. (2012). "Heavy metal contamination of a Mediterranean coastal Ecosystem: Eastern Nile Delta, Egypt. In Environmental Change book published by intech-web.org, Open Access Publisher, 297-310 pp. ISBN: 978-953-7619, DOI: 10.5772/1518
- 15. Kaiser, M.F.** and Ahmed, S. (2013). "Optimal thermal water locations along the Gulf of Suez coastal zones, Egypt". *Renewable Energy*, Elsevier publication, 55, 374-379 pp. <http://dx.doi.org/10.1016/j.renene.2012.12.033>, ISSN: 0960-1481, **5-year I.F. 3.842**

16. Kaiser, M.F., El Rayes, A., Ghodeif, K. and Geriesh, B. (2013). "GIS data integration to manage waterlogging problem on the Eastern Nile Delta of Egypt". *International Journal of Geosciences*, 4 (4), 680-687 pp. doi:10.4236/ijg.2013.44063, **I.F. 0.61**

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ISSN Online: 2156-8367

17. Kaiser, M.F., Aziz, A. and Ghieth, B.M. (2013). "Use of remote sensing techniques and aeromagnetic data to study episodic oil seep discharges along the Gulf of Suez in Egypt". *Marine pollution Bulletin*, 72, 80-86 pp.

<http://dx.doi.org/10.1016/j.marpolbul.2013.04.024>, ISSN: 0025-326X, **5-year I.F. 3.118**

18. Kaiser, M.F. (2013). "GIS data integration for SRTM-Landsat ETM+-Radarsat-1 images to delineate subsurface paleolakes, Wadi watir area, Egypt". *Proceeding of the International Geo-Science and Remote Sensing Symposium (IGARSS2013)*, Melbourne, Australia, IEEE Xplore, 3594-3597pp

19. Kaiser, M.F. (2014). "Disturbance of hydrodynamic regime in the Mediterranean coastal zone of Egypt". *Journal of Coastal Research*, 30 (6), 1260-1267pp.

DOI: <http://dx.doi.org/10.2112/JCOASTRES-D-12-00247.1>

Print ISSN: 0749-0208

Online ISSN: 1551-5036

20. Ahmed, S. and **Kaiser, M.F.** (2014). "Monitoring water pollution of Lake Maryout on the Mediterranean coast of Egypt". *International Journal of Remote Sensing Applications*, 4 (1), 36-40pp. DOI: 10.14355/ijrsa.2014.0401.03

ISSN Print: 2226-4361

ISSN Online: 2226-4353

21. Ahmed, S. and **Kaiser, M.F.** (2014). "Geo-Environmental assessment of the Suez Canal area, using remote sensing and GIS techniques". *Journal of Earth Sciences & Geotechnical Engineering (JESGE)*, 4 (2), Scienpress, Ltd, 69-78pp.

ISSN: 1792-9040 (Print version)

1792-9660 (Online version)

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22. Kaiser, M.F. (2014). "Impact of the human activities on the local climate and environment of the Suez City in Egypt". International Journal of Geosciences, 5 (7), 700-709pp. <http://dx.doi.org/10.4236/ijg.2014.57063>, **I.F. 0.61**

ISSN Print: 2156-8359

ISSN Online: 2156-8367

23. Kaiser, M.F., Aziz, A. and Ghieth, B.M. (2014). " Environmental hazards and distribution of Radioactive black sand along the Rosetta coastal zone in Egypt using airborne spectrometric and remote sensing data. Journal of Environmental Radioactivity, Elsevier, 137, 71-78 pp.,

DOI: 10.1016/j.jenvrad.2014.06.006, **I.F. 2.767.**

24. El Shoubaky, G.A. and **Kaiser, M.F.** (2014). " Monitoring spatial and temporal seaweeds variation using remote sensing data in Al-Shoaiba coast, Red Sea. British Journal of Environment & Climate Change, 4 (4), 408-421pp.

25. Geriesh, M.H., El Rayes, A.E., **Kaiser, M.F.**, Mansour, B.H and Abd El-Aleem M. (2014). "Geo-environmental impact assessment of Suez Canal Corridor development area; challenges and opportunities, Suez Canal and Sinai province, Egypt. In Annual conference of Association of Egyptian-American scientists, AEAS, Cairo, December, 26-27, 2014.

26. Abu Zeid, M., Ibrahim, S., **Kaiser, M.F.** and Seleem, T. S., Yaun, (2014). "Application of remote sensing and GIS techniques for flash flood risk assessment: the case of Nuweiba area, Gulf of Aqaba, Egypt". Abstract in "Proceeding of the AAG (59) Annual Meeting in Tampa, Florida, USA", 21-25 April 2015.

27. Geriesh, M.H., El Rayes, A.E., Gomaah, R.M., **Kaiser, M.F.** and Abd El-Aleem M. (2015). "Geo-environmental impact assessment of El Salam Canal on the surrounding soil and groundwater resources, North-Western Sinai, Egypt. In proceeding of 6th International Conference of Egyptian Society of Environmental Sciences, ESES, Ismailia, 4-6 March, 2015.

28. Moheb, N.M., El Rayes, A.E., Geriesh, M.H., **Kaiser, M.F.** and Gadou, H.A. (2015). "Geologic Factors controlling urban planning of Ismailia city, Suez Canal Province, Egypt". In proceeding of 6th International Conference of Egyptian Society of Environmental Sciences, ESES, Ismailia, 4-6 March, 2015.
29. Abu Zeid, S., Yaun, M., Ibrahim, S., **Kaiser, M.F.** and Seleem, T. (2015). "An integrated Approach of remote sensing and GIS techniques for landslide susceptibility assessment in Nuweiba area, Gulf of Aqaba, Egypt". Abstract in "Proceeding of the AAG (60) Annual Meeting in Chicago, Illinois, USA", 21-25 April 2015.
30. Abu Zeid, S., Ibrahim, S., **Kaiser, M.F.** and Seleem, T. (2016). "Application of remote sensing and spatial data integrations for mapping porphyry copper zones in Nuweiba area, Egypt". International Journal of Signal Processing Systems, 4 (2), 102-108.
ISSN: 2315-4535
Doi: 10.12720/ijsp.4.2.102-108
31. Abu Zeid, S., May Y., Ibrahim, S., **Kaiser, M.F.** and Seleem, T. (2016). "Delineation of groundwater potential zones in Nuweiba area (Egypt) Using remote sensing and GIS techniques". International Journal of Signal Processing Systems, 4 (2), 109-117.
ISSN: 2315-4535
Doi: 10.12720/ijsp.4.2.102-108
32. Al Kuwari NY, Ahmed S, **Kaiser M.F.** (2016) Optimal Satellite Sensor Selection Utilized to Monitor the Impact of Urban Sprawl on the Thermal Environment in Doha City, Qatar. Journal of Earth Science & Climatic Change. 7: 326.
Doi: 10.4172/2157-7617.1000326
33. Eed, M.A., Ismail, S. I., **Kaiser M.F.** and Ghodieff, K.O. (2016) Monitoring of oil spills along Suez-Ain Sokhna Coastal zone, using remote sensing techniques. IOSR Journal of Environmental Science, 10 (2), 6-16.
ISSN: 2319-2399
DOI: 10.9790/2402-10210616

34. Abu Zeid, S., Ibrahim, S., **Kaiser, M.F.** and Seleem, T. (2016). "Geospatial susceptibility mapping of earthquake-induced landslides in Nuweiba area, Gulf of Aqaba, Egypt. Journal of Mountain Science, 13 (7), Inpress.

<http://jms.imde.ac.cn>

DOI: 10.1007/s11629-015-3441-x

Teaching

1- Assigned for teaching as a lecturer assistant at the Geology Department, Faculty of Sciences, Suez Canal University from October 1989 till 2000 to teach:

- * Techniques for XRD analyses” for undergraduate students in Faculty of Sciences, Suez Canal University, Ismailia.
- * Earth Components for first year students (Geology).
- * Earth Components for second year students (Chemistry).
- * Optical mineralogy for second year students (Geology).
- * Sedimentation and Environment for third year students (Geology).
- * Ore Occurrences for third year students (Geology).
- * Structural and Determinative Mineralogy for third year students (Geology).
- * Ore evaluation for fourth year students (Geology).

2- Assigned for teaching as a lecturer at the Geology Department, Faculty of Sciences, Suez Canal University from October 2004 until now to teach:

- * Teaching Coastal Processes and Shore Protection using numerical modelling Techniques
- * Teaching Principals and Applications of Remote Sensing and Geographic Information System for Diploma, Postgraduate students
- * Teaching Digital Images and Map processing for M.Sc. Postgraduate students.
- * Teaching Remote Sensing and Image Processing for M.Sc. Postgraduate Students
- * Teaching Remote Sensing, Geography and Geographic Information System for (Geophysics undergraduate students, year- 1)

3- Assigned for teaching as a lecturer at the Faculty of Computers and Information, Suez Canal University from October 2005 to teach:

- * Geographic Information System (GIS) for Undergraduate Students, year- 4.

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4- Assigned for teaching at the Botany Department, Faculty of Sciences, Suez Canal University from March 2006 to teach:

- * Environmental Impact Assessment (EIA) for M.Sc. Postgraduate Students.

5- Working in Qatar University (3 years contract), College of Arts and Sciences, Department of Humanities, Geography and Planning Program to Teach: Remote Sensing and Geographic Information Systems (GIS), Applications in Computer –Geography, Field training course and Quantitative Geography from September 2006 till July 2009

6- Assigned for teaching as an Associate Professor at the Faculty of Science, Suez Canal University from Feb 2010 till April 2014 to teach:

- * Geographic Information System (GIS) for Undergraduate Students, year- 3.
- * Remote sensing and GIS for Undergraduate Students, year- 3.
- * Landuse planning for Undergraduate Students, year- 4.
- * Coastal protection and management for Undergraduate Students, year- 4.
- * Mapping and spatial mapping for Postgraduate Students.
- * Advanced remote sensing and GIS for Postgraduate Students.

7- Assigned for teaching as a Professor in the Environmental Applications of Remote Sensing and GIS at the Faculty of Science, Suez Canal University from April 2015 till now to teach:

- * Geographic Information System (GIS) for Undergraduate Students, year- 3.
- * Remote sensing and GIS for Undergraduate Students, year- 3.
- * Landuse planning for Undergraduate Students, year- 4.
- * Coastal protection and management for Undergraduate Students, year- 4.
- * Mapping and spatial mapping for Postgraduate Students.
- * Advanced remote sensing and GIS for Postgraduate Students.

8- Assigned for teaching as a Professor in the Environmental Applications of Remote Sensing and GIS at the Faculty of Engineering, Suez Canal University from April 2015 till now to teach:

- * Geographic Information System (GIS) for Undergraduate Students, year-5
- * Photogrammetry and Remote Sensing for Undergraduate Students, year-3
- * Engineering applications in Surveying for Undergraduate Students, year-5

Supervision

- 1- **M.Sc. thesis** entitled “Environmental studies of El-Gamil Coast along Mediterranean Sea, Egypt”, Suez Canal District, Egypt. Marine Sciences Department, Faculty of Sciences, Suez Canal University, registered in 2006, **refereed and approved in December 2008.**
- 2- **M.Sc. thesis** entitled “Management of Groundwater logging problems along Wadi El_Tumilat Basin, Eastern Nile Delta using Mathematical Modelling System, GIS techniques”, Geology Department, Faculty of Science, Suez Canal University, registered in 2008, **refereed and approved in April 2012.**
- 3- **M.Sc. thesis** entitled “Monitoring of Oil spills along Suez-Ain Sokhna coastal zone, using remote sensing techniques”, Geology Department, Faculty of Science, Suez Canal University in Suez, registered in 2011, **refereed and approved in December 2015.**
- 4- **Ph.D. thesis** entitled” The impact of geological factors on urban planning of Ismailia city, using remote sensing and GIS techniques”, Geology Department, Faculty of Science, Suez Canal University, registered in 2011, **refereed and approved in June 2015.**
- 5- **Ph.D. thesis** entitled” Application of numerical modelling to simulate coastal processes and beach morphologic changes, Nile Delta, Egypt.”, Geology Department, Faculty of Science, Suez Canal University, registered in 2011, **in progress.**
- 6- **Ph.D. thesis** entitled” Natural Resources and Geo-Environmental Hazards Assessment of Nuweiba Area, Gulf of Aqaba, Egypt.”, Geology Department, Faculty of Science, Suez Canal University, registered in 2012, **refereed and approved in June 2015.**
- 7- **Ph.D. thesis** entitled "Climatic and human impacts on the hydrogeological regime of East Nile Delta, Egypt”, Geology Department, Faculty of Science, Suez Canal University, registered in 2012, **refereed and approved in June 2015.**
- 8- **M.Sc. thesis** entitled "Geo-Environmental assessment of the El-Bardawil lake, using remote sensing and Geographic Information Systems". Marine Sciences Department, Faculty of Science, Suez Canal University in Ismailia, registered in 2013, **in progress.**

9- M.Sc. thesis entitled "Studying the impacts of anthropogenic activities on the environmental and thermal changes in the Great Bitter Lakes area, Egypt". Geology Department, Faculty of Science, Suez Canal University in Ismailia, registered in 2013, **in progress.**

10- M.Sc. thesis entitled "Geo-Environmental assessment and fisheries status using remote sensing and Geographic Information Systems on selected sites of the Palestinian coast of Gaza". Marine Sciences Department, Faculty of Science, Suez Canal University in Ismailia, registered in 2013, **in progress.**

11- Ph.D. thesis entitled "Geology and mineralization potentials of Wadi Sa`al area, South Sinai, Egypt", Geology Department, Faculty of Science, Suez Canal University, registered in March 2015, **in progress.**

12- Ph.D. thesis entitled "Mineralogy and Distribution of Radioactive Black sand in the Northern Sinai Coastal zones, Egypt", Geology Department, Faculty of Science, Suez Canal University, registered in June 2015, **in progress.**

13- Ph.D. thesis entitled "Surveying of mosquito larval habits using Geographic Information System (GIS) and molecular based techniques for lymphatic filariasis monitoring in Sharkia Governorate", Zoology Department, Faculty of Science, Suez Canal University, registered in October 2015, **in progress.**

Administration

Member in the Editorial group of the Geology of Sinai for development held at the Geology Department, Faculty of Sciences, Suez Canal University, Ismailia in 1982, 1985, 1988 and 2004. Proceedings of the Conference are abstracted in the Geological abstracts of El-Sevier Co., the Netherlands.

Partner in the International Geosciences Programme (Project IGCP- UNESCO 515) in Italy, Ferrara University from 2006 until now entitled "Vulnerability and resilience assessment of coastal zone in Mediterranean and Black Sea areas related to the forecast sea level rise for management purposes"

Membership in the Institute of Electrical and Electronics Engineers **IEEE** Geosciences and Remote Sensing Society from July 2007 until now

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Reviewer in the **International Geosciences and Remote Sensing Symposium 2008** (IGARSS08) for paper entitled "Identification of threshold to classify water/non water in Radarsat-1 SAR using IRS ID LISS III data and least difference area approach".

Reviewer in **Computers & Geosciences, Elsevier Publisher** for paper entitled "A Simple and Easy-to-Use Visual Basic based Program to Evaluate the Erosion and Accretion from Beach Profile Survey Data".

Reviewer in **Land Degradation & Development** for paper entitled "Water management for sustainable agricultural development of North Sinai, Egypt".

Reviewer in **Computers & Geosciences, Elsevier Publisher** for paper entitled "Spatio-temporal analysis of shoreline change (2010).

Reviewer in **Environmental Management, Springer Publisher** for paper entitled "Environmental Planning to minimize Impacts and Flash Flood Hazards".

Reviewer in **Journal of Environmental Informatics**, for paper entitled " Eco-environmental condition assessment: An application of spatial multi-criteria evaluation, remote sensing and GIS towards regionalization for eco-environmental restoration".

Reviewer in **Sinai International Conference for Geology and Development, 2010**, for paper entitled: GIS analysis, remote sensing and in situ survey to study slope instability in Daunia Apennines (Southern Italy).

Reviewer in **Oceanologia**, 2011, for paper entitled: Radiological and mineralogical investigation of accretion and erosion coastal sediments in Nile Delta region, Egypt

Reviewer in **Journal of Environmental Radioactivity**, 2014, for paper entitled: Contribution of remote sensing for estimating the impact of environmental change and detecting Japanese Encephalitis Disease for District, Gorakhpur, India

Reviewer in **Marine Pollution Bulletin**, 2015, for paper entitled: Satellite-based observations of unexpected coastal changes due to the Saemangeum dyke construction, Korea

Reviewer in **Arabian Journal of Geosciences**, 2016, for paper entitled: Evaluation of the use of marine dredged material for erosion control along the northeast coast of the Nile delta, Egypt

Reviewer in **Journal of Environmental Radioactivity**, 2016, for paper entitled: Assessment of background gamma radiation levels using airborne gamma ray spectrometer data over uranium deposits, Cuddapah Basin, India- A comparative study of dose rates estimated by AGRS and PGRS

Awards:

The winner in the 2nd Research Fair of the College of Arts and Sciences held on 21-22 May 2008, Qatar University, for a scientific research entitled:

“Spectral Enhancement of the SPOT Imagery Data to Assess Marine Pollution near Port Said, Egypt”

REFERENCES:

1- Prof. El Arabi Hendi Shendi

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2- Prof. Mohamed Helmi Geriesh

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3- Prof. Farouk El Baz

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5- Prof. Kevin White

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