

Name: Rasha Saide Mohamed Ahmed Ewes



**Personal
Information**

Position: Senior GIS & Remote Sensing Specialist .
Nationality: Egyptian
Gender: Female
Marital Status : Married
Date of birth: 30/07/1988
Date of Graduation : 2009
Years of experience: 13 Years

**Education,
Certificates
and Trainings**

Education Background:-

Ph.D. Degree In Geography & Environment Using Remote Sensing Techniques & Geographic Information Systems, Tanta University, Grade Excellent.

Master In Geography & Environment Using Remote Sensing Techniques & Geographic Information Systems, Banha University, Grade Excellent .

Master Degree In Agricultural & Environment Using Remote Sensing Techniques Science , Suez Canal University , Grade Excellent .

Certifications:

- Ph.D. Degree In Geography ,2018 .
- Master In Geography ,2013.
- Master Degree In Agricultural ,2019 .
- Geometric Network for Utilities Building Geodatabases.
- Applications of remote sensing on oil and mineral resources Introduction to Arc SDE Server .
- Working with Geometric Networks for Utilities. Network Analyst .
- Production of Thematic maps (i.e.) Soil, Geologic and Geomorphologic maps Applications of remote sensing on hydrology and hydrogeology .
- Applications of remote sensing on coastal and marine resources . Atmospheric Studies using RS & GIS.
- Software's application & Image Analysis . Digital image processing .
- Cartography and Mapping . Hyper spectral Analyses.
- Hyper spectral Analyses.
- Python: Getting Started
- I.C.D.L 2008
- TOEFL 2012

**Work
Experience**

Current:-

From 2012 until now in National Authority for Remote Sensing and Space Sciences(NARSS)
Position: Senior GIS & Remote Sensing Specialist .
Division: Scientific Training and Continuing Studies .
Location: NARSS in 23 Joseph Tito St. EL-Nozha.

Project	
Situation Legalization Of The Land-Locked Farmers In Egypt - Governmental Project In Cooperation With Ministry Of Agriculture, 2011-2017.	
Land Resources Of Some Areas In The Northern Coast Of Egypt Using Multi And Hyperspectral Images". NARSS, 2013.	
Studying Land And Water Resources Of East Owenite, Egypt Using Multi And Hyperspectral Imageries, NARSS, 2014.	
Assessment Of Oil Spill Incident In The Nile Course And Islands Using State-Of-Art Techniques Of Remote Sensing And High-Resolution Satellite Images, NARSS, 2014.	
Adverse Impacts Of Nile Water Deficiency On The Sustainable Land Management Of Nile Delta And Valley (Egypt) Using Remote Sensing And Other Techniques (Phase I: The Nile Valley), NARSS, 2015.	
Adverse Impacts Of Nile Water Deficiency On The Sustainable Land Management Of Nile Delta And Valley (Egypt) Using Remote Sensing And Other Techniques (Phase I I: The Nile Valley), NARSS, 2016.	
Semi-Detailed Soil Survey Studies For An Area Of 10,000 Fedans For The National Service Projects Authority - Armed Forces In The Lahoun Area In The Border Of Bani Sweif Governorate, 2016.	
Impact Of Ethiopian Renaissance Dam On Soil And Water In Egypt, NARSS, 2017.	
Semi-Detailed Soil Survey Studies For An Area Of 362,000 Fedans For The National Service Projects Agency - Armed Forces In El-Dabaa Axis In Marsa Matrouh Governorate, 2017.	
Study Of Water Deficiency On The Properties Soil, Water And Environmental Hazards Of Beheira Governorate In The West Delta, NARSS, 2017.	
Study Of Water Deficiency On Soil And Water Resources In Northern Nile Delta, NARSS, 2018.	
Sustainability Of Land And Water Resources In Western North Coast, Egypt, NARSS, 2019.	
Environmental Hazards Detection And Their Effects On Soil And Water Of El-Fayoum Depression, NARSS, 2020.	
Study Of Sustainable land resources for the area extended from Ras-Gharib - Gabal Elziet in the eastern desert using RS and GIS Techniques, NARSS, 2021.	
Sustainable Development Of Land And Water Resources In The Extended Area Between South Of El-Manzala Lake And North Ismailia, Using Remote Sensing Techniques, NARSS, 2023.	
Semi-Detailed Soil Survey And Sand Dune Study In Some Regions Of North And Middle Sinai At The National Service Projects Agency - Armed Forces, 2023.	

Technical Skills and Qualifications

- Geospatial Data Management
- Spatial Analysis and Modeling
- GIS Database Design and Development
- Remote Sensing and Image Analysis
- Spatial Data Visualization
- GIS Training and Support
- Spatial Modeling for Environmental Predictive Analysis
- Environmental Monitoring and Reporting
- Spatial Analysis for Environmental Impact Assessment
- Stay Updated with GIS Technology
- Spatial Analysis for Urban Development
- Site Selection and Suitability Analysis
- Transportation Planning and Analysis
- Land Use Optimization
- Geodatabase Administration

	<ul style="list-style-type: none"> - Cartographic Data Visualization - Map Design and Production - Map Projection and Coordinate Systems - Geospatial Data Editing and Generalization - Spatial Analysis for Cartographic Purposes - Topographic Map Production - Web Mapping and Interactive Cartography - Transform complex geospatial data into clear and understandable visual representations <p>Geographic Information Systems professional with almost thirteen years' experience applying geographic analysis and technologies for improved information management and decision support. Expertise includes land cover mapping and related accuracy assessment; time-series analysis; land use optimization and allocation model design; participatory environmental risk assessment; spatial decision support model design; web-based mapping application deployment; program reporting, monitoring, and evaluation.</p> <p>Skills</p> <p>Extensive experience in using map creation software, including Arc GIS (Arc Map, Arc Catalog, Arc Toolbox,) Arc GIS Pro, Arc, AutoCAD, and Great working knowledge of Geography allows for better project results Critical thinking and complex problem-solving skills aid in finding workable solutions to problems without expending unnecessary time and money.</p>
Languages	<ul style="list-style-type: none"> - Arabic: Excellent - English: Very good
Scientific production	<ul style="list-style-type: none"> - Rasha S.M. Ewes (2022) Development of Sustainable Agricultural Land-Use Index in Arid Regions Using Analysis hierarchy process and remote sensing, special Issue, The first international conference of remote sensing and space science applications, Springer Proceeding in Earth and Environmental Science . - Sadek, M.A.1; Ewes, R.S.2; Hussien, R.A.1; Mohamed, F.A.1(2021). Using Analytical Hierarchy Process Integrated with Geographic Information System and Remote Sensing (AHP/GIS/RS) for Mapping Groundwater Potentiality in West El-Minia Area, Upper Egypt , Nucl. Tech. Appl. Sci, Vol. 6, No. 1, PP. 15 :32 (2021) - Rasha S.M. Ewes; A. B.A. Belal; M. A.A. Hassan; S. A.M. Abd El-Azeem (2017). CAPABILITY OF FIELD SPECTROSCOPY FOR THE ASSESSMENT OF SOIL CONTAMINATION IN SOUTHERN PORT-SAID GOVERNORATE, Zagazig Journal of Agricultural Research, Article 9, Volume 44, Issue 4, Summer 2017, Page 1303-1314 .