

**PERSONAL INFORMATION**

**Nasser Hussien Salem Saleh**



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**POSITION** **Gis and Remote sensing Analyst**

**WORK EXPERIENCE**

01/08/2014–Present

Gis and Remote sensing Analyst, Cairo (Egypt)

Since starting my career six years ago, a full dedication to be one of the most professionals in the field of GIS and Remote sensing. To achieve my goal, I have been involved in various national GIS projects and remote sensing as GIS specialist and GIS analyst. Through these projects I gained considerable experiences in the data automation and the spatial data management using various GIS functions and operations

**EDUCATION AND TRAINING**

01/06/2005–01/06/2007

Gis Diploma

01/06/2010–01/03/2013

Msc Salzburg University

01/03/2013

PhD in Progress (Ain Shams University)

**PERSONAL SKILLS**

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A1	A1	A2	A2	A2

TOEFL ITP Score Report (560)

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through my experience as Gis and Remote sensing Analyst

Organisational / managerial skills

- leadership (currently responsible for a team of 4 people) in lab of Agriculture at Narss.
- Project Management many Gis and RS Projects.

Job-related skills

Mr. SalehisSpecilait Gis and remote sensing in Agriculture Application Dept., Agriculture, Soil and Marine Division, National Authority for Remote Sensing and Space Sciences (NARSS) since 2008 until now.He graduated from Ain shams University, Faculty of Arts in the field of Agriculture Geogrphy in

year 2005 Graduate Studies Faculty of Arts, Department of Geography, Ain Shams University 2005, Received Diploma in Geography information system 2008 two years, Master Thesis Submitted within the UNIGIS MSc programme At the Centre for GeoInformatics, Salzburg University 2013 "Land Cover Map Delineation, for Agriculture Development, Case Study in North Sinai, Egypt Using SPOT4 Data and Geographic Information System". he had many training courses in field of remote sensing and Gis such as Fundamental of Hyper spectral Techniques and Analysis, Electro optics Biload Laboratory and Spectro radiometer, Field Spectroscopy Measurements and its Application, Erdas Imagine software (2009), Agriculture mechanization and information techniques. on the other hand he have a good professional skills in the remote sensing, gis and statistical softwares (ArcGIS / Arc/Info, ERDAS Imagine & Envi, Office applications, SPSS and Polarspro software

#### Computer skills

- International Course on Agricultural Mechanization and Information Technologies, International Agriculture Research and Training Center (IARTC) TURKEY
- Fundamental of Hyper spectral Techniques and Analysis.
- Electro optics Biload Laboratory and Spectro radiometer.
- Field Spectroscopy Measurements and its Application.
- Monitoring Land Degradation (AXAD)
- A Training course in XML-Technologies in the field of geoinformatic.
- A Course in the Advanced Geographic Information Systems The National Authority for Remote Sensing and Spaces Sciences.
- A Training course in the Geographic Information systems The Egyptian Survey Authority.
- A Training course in Total Station and GPS The Egyptian Survey Authority.
- A Course in the Advanced Remote Sensing The National Authority for Remote Sensing and Spaces Sciences.
- Understanding Map Projections and Coordinate Systems, Esri.
- Basic of Geodatabase Data Model, Esri.
- Creating and Editing Labels and Annotation, Esri.
- Creating and Maintaining Metadata Using ArcGIS Desktop, Esri.
- Creating and Editing Geodatabase Topology with ArcGIS Desktop, Esri.
- Creating, Editing, and Managing Geodatabases for ArcGIS Desktop, Esri.
- Learning ArcGIS Desktop, Esri.
- Customizing ArcMap Easy Ways to Extend the Interface, Esri.
- Georeferencing Rasterrs in ArcGis, Esri.
- Learning ArcGIS 3D Analyst, Esri.
- Learning Visual Basic for applications for new Arc Gis developers, Esri.
- Linear Referencing with ArcGIS Desktop, Esri.
- The 15-Minute Map Creating a Basic Map in ArcMap, Esri.
- Understanding GIS Queries, Esri.
- Understanding Map projection, Esri.
- Understanding prancing and looping in VBA, Esri.
- Using ArcCatalog Tips and Tricks, Esri.
- Working With Forms in VBA, Esri.
- Working with Geodatabase Subtypes and Domains, Esri.
- Working with variables and funcations in VBA, Esri.
- Working with Map topology in ArcGis, Esri.

## ADDITIONAL INFORMATION

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### Conferences

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- **Water Monitoring in Lake Nasser using Satellite data**, Mohammed A. El-Shirbeny\*a, Khaled A. Abu-Taleba, Nasser H. Saleha, Abd-Elraouf M. Alia, **ENTRO, The Second New Nile Conference "New Nile Opportunities: Scientific advances towards prosperity in the Eastern Nile Basin"**
- **Assessment of Irrigation Water Consumption Changing in Nile Delta Using Remote Sensing and GIS Techniques**, Mohammed A. El-Shirbeny1, Khaled A. Abu-Taleb1, Nasser H. Saleh1, Conference on: **New Nile Perspectives Scientific advances in the Eastern Nile Basin, May 2013**
- **Estimation of Potential Crop Evapotranspiration Using Remote Sensing Techniques**, Mohammed A. El-Shirbeny1, Nasser H. Saleh1, Abd-Elraouf M. Ali1,(In Progress)

### Publications

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- **Crop water Requirements in Egypt Using Remote Sensing Techniques**, Mohammed A. El-Shirbeny\*a, Abd-Elraouf M. Alia, Nasser H. Saleha, **Journal of Agricultural Chemistry and Environment**, 2014, 3, 57-65,
- **Irrigation Water Consumption Changing Monitoring Using Satellite data**, Mohammed A. El-Shirbeny\*1, Khaled A. Abu-Taleb1, Magdy A. M. Alsersy2, Nasser H. Saleh1,(In Progress)
- **Land Cover Map Delineation, for Agriculture Development, Case Study in North Sinai, Egypt Using SPOT4 Data and Geographic Information System**, Nasser H. Saleh\*, Mohamed A. Aboelghar, **Advances in Remote Sensing**, 2013, 2, 35-43.
- **Mapping of North Sinai land cover according to FAO-LCCS**, Sayed M. Arafat, Nasser S. Saleh \*, Mohamed Aboelghar, Mohamed Elshrkawy, **The Egyptian Journal of Remote Sensing and Space Sciences (2014)**.
- **Hyperspectral indices for assessing damage by the red palm weevil *Rhynchophorus ferrugineus* (coleoptera: curculionidae) in date palms**, Yones, M. S.; Aboelghar, M. A.; El-Shirbeny, M. A.; Khdry, G.A.; Ali, A. M.; Saleh, N.S., **International Journal of Geosciences and Geomatics**, Vol. 2, Issue 2, 2014, ISSN:2052-5591.
- **Using SPOT data and leaf area index for rice yield estimation in Egyptian Nile delta**, M. Aboelghar a,\*, S. Arafat a, M. Abo Yousef b, M. El-Shirbeny a, S. Naeem b, Massoud a, N. Saleh a, **the Egyptian Journal of Remote Sensing and Spaceciences (2011)**.
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### Projects

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- Place: The National Authority for Remote Sensing and Space Sciences, Cairo Egypt.
- Project 1: A Master planning for the determination of the most suitable path of the proposed road extended from EL-Bajour City to Tanta City, Middle Nile Delta. Commissioned by the General Organization for Physical Planning, Cairo, Egypt.
- Project 2: A Master planning for the determination of the most suitable path of the proposed road extended from Ashmoun, Menofiya Governorate, to the 58 Km sign on Cairo-Alexandria Desert road. Commissioned by the General Organization for Physical Planning, Cairo, Egypt.
- Project 3: Geo-environmental studies for assessment of mining activities in the Abu Dabbab mine area, the Red Sea region, Egypt. Commissioned by the Environices Enterprise.
- Project 4: SAR interferometry and surface change detection: A case study in wadi water region, Gulf of Aqaba, Egypt. Submitted to the science and Research fund, The National Authority for Remote Sensing and Space Sciences.
- Project 5: Monitoring and modeling of urban sprawl on agricultural land in Egypt 2007.
- Project 6: Flow pattern of rice cultivation in the Nile delta of Egypt.

- Project 7: Rice belt delineation in the River Nile Delta using remote sensing data of EgyptSat-1.
- Project 8: Sinai Information System for Land Management and Environment Monitoring.
- Project 9: Land use/cover mapping of Egyptian Nile delta.
- Project 10: Change Detection Urban encroachment Nile Delta of Egypt 1997-2011.
- Project 11: Crop discrimination the Main Crops Using land sat data in Gemiza and Salhia Area 2014.