



# CURRICULUM VITAE

## PERSONAL INFORMATION

**Name** Neven Gamal Rostom

**Title** - **Environmental studies specialist** (from 01/07/2007 till present)  
(Using remote sensing and geographic information systems)  
- **Instructor (Physics) at Faculty of Engineering** – Science Valley Academy  
(SVA) from the academic year 2018/2019 (part time) till present

**Place of Work** National Authority for Remote Sensing and Space Sciences (NARSS), Egypt

**Date of Birth** 30-12-1985

**Nationality** Egyptian

**Address** NARSS, 23 Joseph Tito Street, El-Nozha El-Gedida, Cairo, Egypt (P.O. Box :  
1564 Alf Maskan)

**Telephone** Work: (+202) 26251233,  
Mobile: (+202) 01012555125 House: (+202) 44783218

**Languages** Arabic (Native) & English (good).

**E-mail** [neven.gamal@narss.sci.eg](mailto:neven.gamal@narss.sci.eg), [neven.rostom@yahoo.com](mailto:neven.rostom@yahoo.com),  
[nevenrostom22081111@gmail.com](mailto:nevenrostom22081111@gmail.com)

## ACADEMIC BACKGROUND

- **B.Sc.** (May 2006): Faculty of Science, Chemistry/Physics department-Cairo University, Egypt  
(Graduation degree: Very Good).
- **M.Sc.** (November 2015): Analytical chemistry – Faculty of Science, Cairo University, Egypt  
(Title:” Monitoring and assessing water pollution in Mariut Lake, Egypt”)

- **PhD** (December 2019): Environmental Science Faculty of Science Damietta University (Title:” Environmental Study on Al-Qaluobia Governorate using Multi-Hyperspectral data and GIS”)

## **COMPUTER SKILLS**

- Very Good Skill using Microsoft Products (Windows XP, 7, Word, Internet, Excel, ..... Etc)
- Very Good skill using program of remote sensing (i.e. ENVI 4.8) and geographical information system, GIS (i.e. Arc GIS 10).

## **PROFESSIONAL EXPERIENCES**

- Environmental studies specialist Using RS & GIS, Department of Environmental studies and land use, NARSS, Cairo, Egypt (From 1/7/ 2007 until now)

## **PARTICIPATED IN THE FOLLOWING RESEARCH STUDIES**

- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Involved in the organization of several workshops and conferences.
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Quantitative evaluation of environmental degradation processes in the western desert oases Phase I :Siwa and El-Baharyia oases 2008
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Assessment and Mapping of Desertification Sensitivity in Egypt Using Remote Sensing and GIS , Phase 1: North Coastal zone(2009)
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Assessment and Mapping of Desertification Sensitivity in Egypt Using Remote Sensing and GIS , Phase 2: The Sinai Peninsula and valleys of the Eastern Desert (2009\_2010)
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Assessment and Mapping Desertification Sensitivity Aspects of Some Western Desert Oases, Egypt, Using Remote Sensing and GIS 2010-2011
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Assessment of sand dunes and their impact on sustainable development Sinai Peninsula, Egypt

using remote sensing and GIS 2011-2012

- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Detection of changes in Landuse/Landcover and assessment of land suitability in North Sinai, Egypt using remote sensing and GIS 2013-2014
- Oral presentation presented at “International Forum on Water Scarcity and Harvesting in the Arid and Semiarid Areas- IFWSH-SA-2015-Hurghada-Egypt”.
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of production urban maps for all governments in Egypt 2015-2016.
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of: Land Resources Assessment for Optimum Agricultural Use Planning in west-west Minya governorate (selected as case study from new development Areas) 1st phase (From June 2016 up to June 2017).
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of: Land Resources Assessment for Optimum Agricultural Use Planning in west-west Minya governorate (selected as case study from new development Areas”) 2nd Phase ( From June 2017 to June 2018 ).
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of: Land Resources Assessment for Optimum Land Use Planning On the desert side of Al-Beheira governorate (selected as case study from new development Areas) from (June 2018 to June 2019).
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of: Land Suitability Assessment for Agricultural Land Use Planning South of Al-Dabaa Corridor (selected as case study from new development Areas). From (June 2019 to June 2020.)
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Land Resources Assessment for Agricultural Land Use Planning in AL- Alamien. From June 2020 to June 2021).
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project of Integrated Study for Sustainable Development in the New Delta using Improved Technologies of Remote Sensing. From June 2021 to June 2022).
- National Authority for Remote Sensing and Space Sciences, Cairo, Egypt. Project Land

evaluation in North region of Beni-Mazar - Al-Boiti corridor to Achieve Sustainable Agricultural Usage. From June 2022 up to now)

## **PUBLICATIONS**

- Paper titled “Geo-spatial variability assessment of water pollutants concentration in Mariut Lake, Egypt” accepted for publication at Egyptian Journal of Soil Science 24-5-2015.
- Paper titled “Hyperspectral Remote Sensing techniques for Detection of Heavy Metals Concentrations in Water, Case Study: Mariut Lake, Egypt” at Egyptian Journal of Remote Sensing and Space Science DOI: 10.1016/j.ejrs.2016.11.002.
- Paper titled “Environmental and spatial assessment of urban heat island in Qalyubia governorate, Egypt” accepted for publication at Egyptian Journal of Soil Science 14-5-2019.
- Paper titled “A GIS-based model for automated land suitability assessment for main crops in north-western desert of Egypt (case study: south of Al-Dabaa Corridor)”, applied geomatics J., 2022.
- Paper titled “Assessment of the desertification sensitivity of Northwestern El Minya Governorate, Egypt using MEDALUS model” at Egyptian Journal of Remote Sensing and Space Science, 2023.

## **REVIEWING ACTIVITIES**

Reviewer at “SCIENCEDOMAIN *international, Advances in Research*”

*Nesreen Gamal Rostom*