
CURRICULUM VITA (C.V.)

Name: Mohamed El Sayed M. Abdelnaby
Date and Place of Birth: 11/2/1962, Qalubia, Egypt
Nationality: Egyptian
Occupation: Researcher, Nile Research Institute,
National Water Research Center
Tel. [office]: (202) 42184229 – (202) 42184163
Fax: [office]: (202) 42187152
Email: melnaby_62@yahoo.com
PROFESSION: Civil Engineering



ACADEMIC QUALIFICATIONS:

Ph.D. Environmental Science (2012), “**Using Mathematical Model Simulation to study the Environmental changes due to Navigation development in the Nile River**”, Ain shams university, Institute of Environmental Studies and Research, Egypt.

M.Sc. Environmental Science (2006), "**Study of Environmental Impact of Morphological Changes for River Nile In Kasr El-Nile Area**", Ain shams university, Institute of Environmental Studies and Research, Egypt.

Diploma. Environmental Engineering (2002), Ain Shams Univeristy, Institute of Environmental Studies and Research, Egypt.□

Diploma. Irrigation (1994), Bari, ITALY.

B.Sc. Civil Engineering, (**Surveying Department**), (1989), Zagazig University, Faculty of Engineering. (Grade pass).

POSITION HELD:

2012 – 2017: **Researcher**, Nile Research Institute, National Water Research Center.

2006 –2011: Assistant Researcher, NRI, NWRC, MWRI, Contributed of Field trips for River Nile studies.

-
-
- 1996 – 2005:** Engineer, NRI, NWRC, MWRI, Contributed of Field trips for River Nile studies.
- 1994 – 1996:** Engineer, and associate the Canadian Consultants in Hydrographic Survey and Mapping Unit of River Nile Protection and Development Project II (RNPDI), NRI, NWRC, MWRI.
- 1992 – 1994:** Engineer, and associate the German Consultants in River Nile Bank Protection Project, NRI, NWRC, MWRI.
- 1990 – 1992:** Engineer, and associate the Canadian Consultants in Special Projects Department of River Nile Protection and Development Project (RNPDI), NRI, NWRC, MWRI.

RESEARCH EXPERIENCE:

Worked in all NRI research fields including the following:

- **Navigation on the River Nile**

- Contributed of NRI team in Hydrographic Survey and land Survey of the River Nile. "Navigation on the Nile River" project (2004-2005). The project extends 953 km from Delta barrage to Aswan.

- Head of NRI team work of navigation bottle necks in different location along the Nile.

The studies included; hydrographic and land survey, alignment of navigation channel, calculating dredging volumes, producing maps and cross sections and final report. Several locations along the River Nile were included in these studies as follows;

1. Study of navigation bottle neck on the River Nile at Arment area-Aswan (NRI report No. 252, 2001).
2. Study of navigation bottle neck on the River Nile at Dammitta (NRI report No. 67, 2006).
3. Contributed in the study of the effect of new island in navigation water way at Beni Suif (NRI report No. 28, 2013).

- **Studies of River Nile Bank protection**

Contributed in River Nile bank protection studies at several sites along the River from Aswan to two branches, including preparation of design drawings, and field works within “River Nile Bank Protection Project”. Moreover, conducted some other studies for selected sites;

1. Study of “The River Nile West Bank in front of Dammitta city, 2560m” (NRI report No. 35, 2014).
2. “Hydrologic and hydrographic Study for the Protection Woks of the River Nile East Bank of El-Mansoura city” (NRI report No. 7, 2014).
3. “Hydrologic, hydrographic and Hydraulic Study for the Protection of cornice New Aswan City, East side” (NRI report No. 9, 2013).
4. “Hydrologic and hydrographic Study for the Protection Woks of Nadia Saleh land” (NRI report No. 10, 2011).
5. “Hydrologic and hydrographic Study for the Protection Woks of Meet Badr Khamees, Mansoura city, Dammitta Branch” (NRI report No. 63, 2010).

- **Studies of Water Fronts and Proposed Berthing**

Contributed on several studies for improvement of River Nile water fronts, ship docks. These studies included;

1. Study of suitability of ‘Upper Kromby and Kitt’ dock location at Aswan, (NRI report No. 39, 2006).
2. Study of suitability of ‘Upper Kromby and Kitt’ dock location at Aswan, (NRI report No. 39, 2006).
3. Study of suitability of ‘Isis’ dock location at Aswan, (NRI report No. 54, 2007).
4. Improvement of Zefta city Water Front (NRI report No. 302, 2005).
5. Improvement of Rasheed city Water Front (NRI report No. 75, 2007).

6. Improvement of Kom Ambo city Water Front -Aswan (NRI report No. 11, 2004).
7. Improvement of several water fronts for villages and small cities located at the River Nile banks, (River Nile Bank Protection Project, NRI, 1992-1994).

▪ **Sedimentation of High Aswan Dam Reservoir**

Conducted several studies in the analysis of High Aswan Dam Reservoir sedimentation. These studies included;

- Analysis of sedimentation in High Aswan Dam Reservoir, (NRI, 2013), (NRI, 2012), (NRI, 2010), (NRI, 2007), (NRI, 2004).

▪ **Studies of Sedimentation and dredging at water station intakes and docks**

1. The hydrologic, hydrographic, and hydraulic study for sedimentation at Cairo area at Km 9.350D.st. Roda (NRI report No. 44, 2015).
2. The hydrologic, hydrographic, and hydraulic study for sedimentation at Dairutt water station-Assuit (NRI report No. 76, 2010).
3. The hydrologic, hydrographic, and hydraulic study for sedimentation from Downstream Minia bridge to Attonie museum (NRI report No. 39, 2015).
4. The hydrologic, hydrographic, and hydraulic study for sedimentation at crossing way for the Marina ferry (NRI report No. 53, 2014).
5. The hydrologic, hydrographic, and hydraulic study for sedimentation at Neda water station (NRI report No. 39, 2014).
6. The hydrologic, hydrographic, and hydraulic study for sedimentation at El Walidia electric station, Assuit (NRI report No. 38, 2014).
7. The hydrologic, hydrographic, and hydraulic study for sedimentation at Abu Teeg water station, Assuit (NRI report No. 22, 2012).
8. Contributed in the hydrologic, hydrographic, and hydraulic study for sedimentation at El-Piadya pump station (NRI report No. 20, 2012).

- **Scour holes downstream Bridges**

Contributed in studying the effect of bridge construction on river bed erosion. These studies included;

9. Study the local scour around the piers of Banha Bridge (NRI report No. 350, Aug. 2002).
10. The hydrologic, hydrographic, and hydraulic study for bed erosion at Kafr El-Zayat Bridge - Rossetta Branch (NRI report No. 351, 2002).
11. The hydrologic, hydrographic, and hydraulic study for bed erosion at Desouk Bridge - Rossetta Branch (NRI report No. 125, 1991).
12. The hydrologic, hydrographic, and hydraulic study for Tammally Bridge (NRI report No. 372, 2002).
13. The hydrologic, hydrographic, and hydraulic study for Bni Suif bridge (NRI report No. 340, 2002).

- **Assessment of Site Suitability for Water Intake ,Utility Crossings and bridge sites**

Contributed in several studies in selection of the suitable location for water intake structures, utility crossings and bridges sites. These studies included;

1. Study the proposed site for a drinking water station at El-Hawamdia, Giza (NRI reports No. 6, 2014).
2. Study the proposed site for a compact drinking water unit at Hoo – Nag Hammadi, Sohag (NRI reports No. 9, May 2016).
3. Study the proposed site for intake of animals research station at Singa, Sudan (NRI reports No. 66, May 2015).
4. Study the proposed site for a compact drinking water unit at Odysat - -Luxor (NRI reports No. 63, May 2015).
5. The hydrographic and hydraulic study for El-Walidia water treatment intake, Assuit (NRI reports No. 40, 2014).

6. Study the proposed site for Geziert Hesa and Awadd water treatment intakes, Between two Dams, Aswan (NRI reports No. 41 and 42, 2012).
7. The hydrologic, hydrographic and Hydraulic study for gas pip crossing at Helwan City (NRI report No. 10, 2016).
8. The hydrologic, hydrographic and Hydraulic study for gas pip crossing, Banha, Demiatta branch (NRI report No. 12, 2014).
9. The hydrologic, hydrographic and Hydraulic study for gas pip crossing, Luxor, (NRI report No. 33, 2015).
10. The hydrologic, hydrographic and Hydraulic study for Cement Dock Company Assuit (NRI report No. 46, 2012).
11. The hydrologic, hydrographic and Hydraulic study for El-Qanater Dock (NRI report No. 17, 2014).
12. The hydrologic, hydrographic and Hydraulic study for electric cable crossing at Upstream Imbaba bridge (NRI report No. 15, 2013).
13. The hydrologic and Hydraulic study for El-Baliana Dock at Sohag (NRI report No. 21, 2012).
14. The hydrologic and hydrographic study for the proposed site for Ques Bridge (NRI report No. 5, 2016).
15. The hydrologic and hydrographic study for the proposed site for El-Khatatba Bridge- Rossetta Branch (NRI report No. 53, 2015).
16. The hydrologic and hydrographic study for the proposed site for El-Fashn Bridge, Beni Suif (NRI report No. 30, 2014).

REFERENCE:

- **Dr. Medhat Saad Aziz**, Professor, Director of Nile Research Institute, National Water Research Center, Ministry of Water Resources and Irrigation, Cairo, Egypt
- **Dr. Ahmed Fahmy Ahmed**, Professor, Hydraulics Research Institute, National Water Research Center, Ministry of Water Resources and Irrigation, Cairo, Egypt

-
-
- **Dr. Mohamed El-Moattassem**, Professor, Nile Research Institute, National Water Research Center, Ministry of Water Resources and Irrigation, Cairo, Egypt.