

CURRICULUM VITAE

Soleiman, W.O.A

<u>PERSONAL DATA</u> Name Date/Place of Birth Marital Status Mailing Address Telephone (home) (Office) (Cell) (Fax.) E-mail	Walid Omar Anwar Hussein <u>Soleiman</u> 27-3-1968 / Alexandria Married 6 El Dewanl Street – 11519 Garden City Kasr El Nile - Cairo - Egypt 20-2-27950238 20-2-42184163/42184229 20-10-03483839 /20-11-16160027 20-2-42187152 walid_Soleiman_552@hotmail.com 
<u>EXPERIENCE</u>	<u>May.2007 to Date - Nile Research Institute –National Water Research Center. Researcher of Water Resource Management / Environmentalist</u> ▪ Associate Professor Of Harbor Engineering, water management, waste management and Environmental Hydrology for El Delta Higher institute for Engineering and Technology. ▪ Associate Professor Of Harbor Engineering, Fluid mechanics, Hydraulic and Hydrology for Higher Engineering Institute. ▪ Production of Hydro-Topographic Maps. ▪ Waterway Development and Navigational charts Production. ▪ Design of water treatment station's Intake and Navigation Berths. ▪ Hydrological research of water shed and reservoirs.
	<u>Sep./2003 to April 2007 - Technical Office of Nile Water Sector, Ministry of Public works. Principal Senior Water Resources Engineer / Environmentalist</u> ▪ Researcher. in the Survey, Public Engineering works and Planning Project in The Survey, land reclamation and Irrigation Institute. ▪ Member of National working Group-Egypt- Eastern Nile Water shed Project ▪ Flood Forecast, and Flood Mitigation and preparedness. ▪ Optimization of Water Resources and Environmental Systems. ▪ Environmental Studies (i.e. EIA, EM, Wetland Management). ▪ Water Law and negotiation skills. ▪ Administration Works (i. e. Reporting, Minting, and managing capabilities).
	<u>Dec./2000 to Aug./2003- Hydrologist, Permanent Joint Technical Commission for the Water Nile- Sudan Office.</u> <u>Water Resources Engineer</u> ▪ Hydro-meteorological Data Collection and Analysis. ▪ Senior Hydrologist (Flood Forecast, Water Resources Management).
	<u>Feb./93 to Nov./2000– Hydrologist, Technical Office of Nile Water Sector. Hydrologist, Environmentalist</u> ▪ Hydrological and Water Quality Modeling. ▪ Integrated Water Resources Managements. ▪ Watershed studies, Flood Forecasting, Optimization Techniques in Water Resources Management. ▪ Environment Impact Assessment and Environmental management. ▪ Researches regarding International Water Law and Conflict Resolution.

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<u>EDUCATION</u>	<u>1999 - 2003 – Public Works, Faculty of Engineering, Cairo University.</u> ▪ Doctor of philosophy in Civil Engineering. The Title of Thesis is:" Environmental Study on Water Quality Assessment and Prediction in Lake Nasser by Using Monitoring Networks". <u>1998-1999 – Faculty of Engineering, – Cairo University.</u> ▪ International Diploma in Shard Water Resources. The Title of Thesis is:" Cooperation between the Nile Basin Countries in Mathematical Modeling of The Nile Basin". <u>1996-1998 – Northeast Niedersachsen-Suderburg -Luneburg University, Germany.</u> ▪ Diploma in tropical and subtropical water resources management and equalized by Master Degree in Supreme Council of universities of Egypt. The Title of Thesis is:" Anaerobic Waste Water Treatment Process, The Relationship between the Production of Bio-gas and The Degradation of Organic Acids at Sugar-beet Factory in Uelzen “. <u>1985-1991 – Faculty of Engineering, – Cairo University.</u> B.Sc. in Civil Engineering.
<u>TRAINING</u>	▪ Wide Spectrum of training courses in the field of computer Science, Environment, Remote sensing, International Law, and Negotiation Skills.
<u>PROFESSIONAL MEMBERSHIP</u>	▪ Engineers Syndicate of Egypt. ▪ Egyptian Water Partnership ▪ Member of Suderburge Student Association Board for the Academic year 1997-1998 and Advanced Courses / Diploma representative.
<u>SOCIAL ACTIVITIES</u>	▪ Traveling abroad to Jordan, The Sudan, Germany, Netherlands. ▪ Participating and organizing several social/work activities.
<u>PUBLICATIONS</u>	▪ Cairo University – Faculty of Engineering, Graduate Studies and Research , Directory of Post- Graduate Theses 2003 Code : PBW-2003-Ph.D-02 published my Doctoral Abstract "Environmental Study On Water Quality Assessment And Prediction In Lake Nasser By Using Monitoring Networks" . ▪ International Symposium –Cum Workshop- Sustainable Agriculture and Rural Development in Egypt - Experiences of Egyptian Graduates from German Universities ."University of Kassel – University of Goettingen – University of Cairo" November 1999 .I have a paper discussed in this Seminar as field study “ The Relationship Between the Production of Bio-gas and the Degradation of Organic Acids at Sugar-beet Factory in Uelzen “. ▪ Journal of Al Azhar University Engineering Sector – October 2010 Theses "Future Expectation of Water Situation in Nile River under the effect of Regional Water Projects . ▪ International Journal of Arts and Sciences –March 2011-Theses" PREDICTION OF BED LEVEL VARIATION OF NILE RIVE DUE TO EFFECT OF SEDIMENTATION PROCESSES AT EL MENIA REACH". ▪ The National Water Research Scientific Magazine – April 2011 – Theses" Management of water craft Movement along Inland Navigation Waterways ". ▪ International Journal of Arts and Sciences - Theses" DEFINING THE BEST ESIMATE PLACES FOR KALABSHA BRIDGE PIERS ACROSS THE NILE RIVER AT ASWAN CITY". ▪ Journal of Al Azhar University Engineering Sector – March 2015- Theses" Dissolved Oxygen Estimate in Lake Nasser using Hydrology Frequency Analysis ". ▪ Journal of Al Azhar University Engineering Sector – August 2015- Theses" Development of Water Resources of the Nile River (Bahr El Zaraf – Case S.).. ▪ Geomatics, Natural Hazards and Risk, Q1 Scopus , Q2 WOS "Forecasting

	the seepage loss for lined and un-lined canals using artificial neural network and gene expression programming major revision April 2023.
<u>REFERENCES</u>	▪ Prof. Dr. Mohamed El Said, Dean of El Delta Higher Institute for Engineering and Technology. Tel: 0020-1229689500 ▪ Prof. Dr. Yasser Raslan, Chairman of Nile Research Institute, National Water Research Center. Tel.: 00201206517252 ,Fax.:00202-42187152 E-mail: raslancey@hotmail.com. Dr. Aref Abdel Mobdy Gareb , Head of Nile Water Sector .Ministry of Water Resources and Irrigation , Egypt. Tel. : 00201118119338 Fax :+ 202-5723147 E-mail : arefgharib@yahoo.com , nwater@idsc.net.eg ▪ Prof. Dr. Abdallah Sadik Bazaraa, Department of Irrigation and Hydraulics, Faculty of Engineering, Cairo University, Giza- Egypt. Tel. : 202-5732949 Fax. 202-5723486 E-mail : abazaraa@link.com.eg ▪ Dr. Samia Al Azharia Jahn, Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ) Abt.414,P.O. Box 5180, Deutschland-65726 Eschborn.