



CURRICULUM VITA
OF
Abdelazim Mohamed Abdelhamid Negm
(Abbreviated: Abdelazim Negm and A.M. Negm)

Name: Abdelazim Mohamed Abdelhamid Negm.

Birth Date: April 16, 1962.

Work Address: Water & Water Structures Eng. Dept., College of Eng., Zagazig University, Zagazig 44519, Egypt.

Previous Work Address: Chairperson of Environmental Engineering Dept., School of Energy, Environmental and Chemical and Petrochemical Engineering, Egypt-Japan University of Science and Technology, E-JUST, P.O.Box 179, New Borg Al-Arab City, Postal Code 21934, Alexandria. (Seconded from Zagazig University).

Home Address (1) Saft Zuraik, Dyyarb Negm, Sharkia, Egypt
(2) 15 Alahwazy St., Alwerdian, Alexandria, Egypt.

Home Tel: **Tel:** (+2055) 3765638
(+203) 4442248

C. Phone (+2) 01005735345

Fax: 055-2304987

Emails: Official: amnegrn@zu.edu.eg
Personal: amnegrn85@yahoo.com,

Webpages <http://www.amnegrn.faculty.zu.edu.eg>

Google

Scholar:

<https://scholar.google.com/citations?hl=en&user=SCUFtZkAAAAJ>

ResearchGate: https://www.researchgate.net/profile/Abdelazim_Negm

ORCID ID.: <http://orcid.org/0000-0002-4838-5558>

LinkedIn: <https://www.linkedin.com/in/abdelazim-negm-5225ab27/>



Scopus profile:

<https://www.scopus.com/authid/detail.uri?authorId=7004092181>

Languages: Arabic and English.

Current Pos. Executive Manager of Crisis and Disaster Management Center of Zagazig University (since Oct. 2016), and Prof. of Hydraulics, Water and Water structures Eng. Dept., Faculty of Engineering, Zagazig University, Egypt (since June 2004).

Previous Pos. Vice Dean for Education and Academic Affairs, and Professor of Hydraulics, Faculty of Eng., Zagazig University, Zagazig, Egypt.

Education:

Doctor of Philosophy in Civil Engineering in 1992:

- * Zagazig University, Zagazig, Egypt, October 1992.
- * Specializing in Hydraulics and Hydraulic structures.
- * Research topic "Design of optimum roughened floor length for silled heading-up hydraulic structures"

Master of Science in Civil Engineering in 1990:

- * Ain Shams University, Cairo, Egypt, Jan 1990.
- * Specializing in Stochastic Hydrology.
- * Research topic "Study of surface water hydrology with application of River Nile natural flows forecasting via spectrum analysis".

Bachelor of Science in Civil Engineering in 1985:

- * Zagazig University, Zagazig, Egypt.



- * Specializing in Irrigation and Environmental Engineering (Irrigation project with excellent grade).
- * General Grade "Very good with honors".

Employment:

1. Prof. of Hydraulics, Faculty of Engineering, Zagazig University, Zagazig, Egypt from June 2004 till now with short periods in other universities (as indicated below).
2. Prof. of Hydraulics, Environmental Engineering Dept., School of Energy, Environmental and Chemical and Petrochemical Engineering, Egypt-Japan University of Science and Technology, E-JUST from Feb. 2016 till Sept. 2016.
3. Chair of Environmental Engineering Dept., School of Energy, Environmental and Chemical and Petrochemical Engineering, Egypt-Japan University of Science and Technology, E-JUST from Feb. 2013 till Feb. 2016
4. Professor of Hydraulics, Energy Resources and Environmental Engineering Dept., School of Energy, Environmental and Chemical and Petrochemical Engineering, Egypt-Japan University of Science and Technology, E-JUST from Oct. 2012 till Feb. 2013.
5. Professor of Hydraulics, Faculty of Engineering, Zagazig University, Zagazig, Egypt from Dec. 2011 till Sept. 2012.
6. Vice Dean for Academic and Students Affairs, Faculty of Engineering, Zagazig University, Zagazig, Egypt from Dec. 2008 till Dec. 2011.
7. Professor of Hydraulics, Water & Water Structures Eng. Dept, Faculty of Eng., Zagazig University, Zagazig, Egypt, from June March 2006 Till Dec. 2008.
8. Professor of Hydraulics, Civil Engineering Dept., Eltahady University, Sert, Lybia from Sept. 2005 till March 2006.
9. Associate Professor, Civil Engineering Dept., Gar Younis Uiversity, Bengazi, Lybia from Oct. 2003 till Sept.2005



10. Associate professor, Water & Water Structures Eng. Dept, Faculty of Eng., Zagazig University, Zagazig, Egypt, from 27 Oct 1998. Till 28-6-2004.
11. Assistant professor, Water & Water Structures Eng. Dept, Faculty of Eng., Zagazig University, Zagazig, Egypt, from Oct. 24, 1992 till 26 October 1998.
12. Lecturer, Water & Water Structures Eng. Dept, Faculty of Eng., Zagazig University, Zagazig, Egypt, from Feb. 15, 1990 till Oct. 23, 1992.
13. Demonstrator, Irrigation and Environmental Eng. Dept., Faculty of Eng., Zagazig University, Zagazig, Egypt, from Oct. 1, 1985 till Feb. 14, 1990.

Experiences:

I- Teaching:

1. Teaching and supervising the following under-graduate courses both theoretically and experimentally:

- (a) Open channel hydraulics (1992 up to now)
- (b) Fluid mechanics and hydraulics (1994-1998).
- (c) Hydraulics of Open Channels at Higher Tech. Inst., 10th of Ramadan City, (2007/2008, 2008/2009).
- (d) Fluid Mechanics at Higher Tech. Inst., 10th of Ramadan City, (1999/2001).
- (e) Irrigation and Drainage Eng. (1986-1992), (1998-1999).
- (f) Water measuring instruments and Calibration. (1987-1992), (1998-2001).
- (g) Surface and ground water hydrology. (1994-1998), (1999-2000)
- (h) Design of Irrigation and hydraulic structures (1999-2000).
- (i) Water Projects and their economics. (1987-1994), (1998 up to now).
- (j) Technical Report Writing: Presentation and Communication skills (2008/2009) till now.

2. Teaching and supervising the following post graduate courses:

- (a) Turbulence (2011-2012). – E-JUST.



- (b) Environmental Management Systems (2012-2013). – E-JUST.
- (c) Life cycle assessment (2013-2014). – E-JUST.
- (d) Environmental Economics (2013-2014) – E-JUST.
- (e) Design of Dams, Barrages and Tunnels (1998-2002).
- (f) Calibration of Hydraulic Structures (2000/2001).
- (g) Advanced Fluid Mechanics and Hydraulics. (1999-2000)
- (h) Advanced Water Measuring Instruments and Calibration. (1998-2002)
- (i) Maintenance and Rehabilitation of Water Structures (1999-2002).
- (j) Characteristics and Design of Stilling Basins (1999/2000).
- (k) Economics of Irrigation Water (2000/2001).
- (l) Hydraulic Modeling (Physical, Statistical and using ANNs).

3. Teaching the following courses for Undergraduate students at the Faculty of Computers and Informatics, Zagazig University:

- a) GIS (at Faculty of Computers and Informatics, FCI) (2001/2002, 2002/2003).
- b) Analysis of Information Systems (at FCI) (2002/2003, 2006/2007, 2007/2008).
- c) Software Engineering (at FCI) during (2006/2007, 2007/2008)
- d) Economics of Information systems at FCI during 2007/2008, 2008/2009).
- e) Fundamental of Economics and Feasibility Studies, at FCI for Information Technology Management Program (2007/2008).
- f) Report Writing and Presentation Skills, at FCI for ITM Program (2007/2008, 2008/2009, 2009/2010).
- g) Human Rights and IT Ethics at FCI (2008/2009, 2009/2010).
- h)

3- Teaching at E-JUST for MSc and PhD students using Project-Based-Learning approach the following courses:

- Life cycle Assessment



- Environmental Economy
- Groundwater Engineering and Management
- Advanced Research seminar on Environmental Engineering
- Research seminar on Environmental Engineering

II- Thesis Supervision

1. Supervising post-graduate students for M.Sc. and Ph.D. covering different fields of Hydraulics, water resources, Civil Engineering (22 students, 3 M.Sc. and 14 Ph.D. had completed, Currently 3 MSc on going in Aswan University, 1 MSc and 1 PhD in Zagazig University and 3 MSc in Aswan University).

III- Current Grants:

- Experimentation of the new Sentinel missions for the observation of inland water bodies on the course of the Nile River, Bilateral Cooperation between CNR and ASRT, 200000 LE for 2 years starting in on 2/12/2018.
- A Novel Standalone Solar-Driven Agriculture Greenhouse - Desalination System: That Grows its Energy and Irrigation Water, Newton-Musharafa Fund, Call 4, @6M LE for two years.

IV- Summary of Other Activities

- 1- A total of more than 320 scientific papers in the different fields of Hydraulics Engineering, Water Resources and Sustainable Environment were published in National and International Conferences and Journals.
2. Contributed in about 50 book chapters published by Springer International Publisher.
3. Participating in more than 90 national and international conferences.
4. A member of the E-learning project team during 2007 (after coming back from Libya). A project funded by the European Union, during 2004-2007. Through this project, I visited Polytechnico Univ, Torino



- (Italy) for 2 week to attend a workshop on information systems and computer sciences. Also, I visited Achen University for one week.
5. Supervising the installation, readjustment and operation of the apparatus of the Hydraulic and Water Engineering Laboratory of College of Eng., Zagazig University, Zagazig, Egypt, Egypt.
 6. Training the engineers and the technician of the Hydraulics and Water Engineering Lab., Faculty of Engineering, Zagazig University, Zagazig, Egypt.
 7. Consultant at the Research and Technical Consultations Center (RTCC) of the Faculty of Engineering, Zagazig University, Zagazig, Egypt (in the Field of Hydraulic Engineering).
 8. Consultant at the Construction Consultation Center (CCC) of the Faculty of Engineering, Zagazig University, Egypt (in the Field of Hydraulic Engineering).
 9. Cooperating with KSU-Water Group staff member as a PH.D. Senior Hydraulic Engineer at Dept. of Civil Eng., Faculty of Engineering, KSU from 1994 to 1998 and was teaching the tutorials of Hydraulics, Fluid Mechanics and Engineering Hydrology and published many researches during this period and offering some consultations.
 10. In addition to a lot of experiences in operating and understanding most of the PC computer packages and engineering software.
 11. Consultant in Geotechnical Engineering since 2000.
 12. Owner of Engineering Consultation Scientific Center (ECSC) Office, till Sep. 2003.
 13. Attended many training workshops related to engineering sciences and computers.
 14. Attended eight training courses on human resources developments in the university.

V-Development of skills (Capacity Building) Through Training courses at ZU during the period from 2006 to 2008.



1. University teacher preparation
2. Effective communication skills
3. Strategic Planning
4. The use of technology in education
5. Financial and legal aspects in the University business
6. Effective Presentation
7. Time and meetings management
8. The credit hour system

VI- Conferences

- 1- 1st Int. Conference on climatic changes, Ministry of Irrigation, Cairo, 1989 (One paper).
- 2- 1st Int. Conference on Hydro-science and Engineering, Washontgn, USA, June 1993 (two papers)
- 3- 3rd Alazhar Engineering Int. Conference, Faculty of Engineering, Alazhar Univ., Cairo, Dec. 1993 (five papers)
- 4- 8th Int. Conf. For Mechanical Power Engineering, Faculty of Eng., Alex. Univ., Alex., April 27-29, 1993 (one paper)
- 5- 19th Int. Conf. For Statistics, Computer, Scientific and Social Applications, Cairo, Egypt, April 9-14, 1994 (four papers)
- 6- 5th Int. Conf. On Hydraulic Engineering Software, Greece, Sep. 21-23, 1994 (one paper).
- 7- 7th Int. Conf. For Computational Methods and Experimental Measurements, Capri, Italy, May 16-18, 19995 (two papers).
- 8- 2nd Int. Conference on Hydro-science and Engineering, Bejin, China, March 22-26, 1995 (three papers)
- 9- 4th Alazhar Engineering Int. Conference, Faculty of Engineering, Alazhar Univ., Cairo, Dec. 1995 (one paper)
- 10- 1st Int. Engineering Conference, Faculty of Engineering, El-Mansoura Univ., EL-Mansoura, April 1995 (two papers).
- 11- 6th Int. Symposium on "Flow Modeling and Turbulence Measurements",



Florida, USA, Sept. 8-10, 1996 (one papers).

12- Int. Conf. On Control of Ground Water Level Rise in Cities, Faculty of Engineering, El-Mansoura Univ., EL-Mansoura, Egypt, Nov. 5-6, 1996 (one paper).

13- 18th Int. Conf. On Boundary Elements Methods, Braga, Bortugal, Sept. 24-26, 1996 (one paper).

14- 5th Alazhar Engineering Int. Conference, Faculty of Engineering, Alazhar Univ., Cairo, Dec. 19-22, 1997 (one paper)

15- 2nd Int. Engineering Conference, Faculty of Engineering, El-Mansoura Univ., EL-Mansoura, March 1997 (one paper).

16- 3rd Int. Conference on Hydro-science and Engineering, Cottbus, Germany, Aug. 31 –Sep. 3 1998, (three papers)

17- 7th Int. Symposium on "Flow Modeling and Turbulence Measurements", Taiwan, 5-8 Oct., 1998 (two papers).

18- 6th Int. Conf. On Hydraulic Engineering Software, Italy, Sep. 1998 (one paper).

19- 3rd Int. Engineering Conference, Faculty of Engineering, El-Mansoura Univ., EL-Mansoura, 11-13 April 2000 (one paper).

20- 6th Alazhar Engineering Int. Conference, Faculty of Engineering, Alazhar Univ., Cairo, 1-4 Sept. 2000 (three papers)

21- 4th International Conference on Hydro-science and Engineering, Souel, Korea, 26-29 Sept 2000 (five papers)

22- 4th Int. Water Technology Conference (IWTC-2001), March 23-25, 2001 (two papers).

23- Minia 2nd Int. Conference for Advanced Trends in Engineering (MICATE2002), April 7-9, 2002 (four papers).

24- Int. Symposium on Environmental Hydrology and International Conference on Civil Engineering Technology, III, ASCE-ES, April 8-10, 2002 (three papers).

25- 4th Int. Conference on Hydro-science and Engineering (ICHE'2002), Souel, Korea, 16-21 Sept 2002 (eight papers)

26- Int. Conference on Fluvial Hydraulics, Sept. 4-6, 2002, Beligum (one paper).

27- 6th International Conference on River Engineering, Aahvaze, Iran, Jan. 28-30, 2003 (six papers).

28- 7th Alazhar Engineering Int. Conference, Faculty of Engineering, Alazhar Univ., Cairo, 7-10 April, 2003 (five papers)



- 29- 7th Int. Water Technology Conference (IWTC-2003), Cairo, June 3-5, 2003 (six papers).
- 30- 1st Int. Conference for Civil Engineering Sciences, Assuit Univ., Assuit, Egypt, 7-8 Oct. 2003, (Five papers).
- 31- 1st Int. Conference for Recycling of Solid Wastes and Wastes Treatment, Benghazi, Libya, 2004. (Attendance only).
- 32- 6th Int. Conference on Hydro-informatics, Singapore, 21-24 June 2004 (one paper).
- 33- 6th Int. Conference on Hydro-science and Engineering (ICHE'2004), Australia, 30 May - 4 June 2004 (three papers).
- 34- 2nd Int. Conference on Fluvial Hydraulics, June 23-24, 2004, Nably, Italy (two papers).
- 35- 1st Int. Conference on Hydraulics of Dams and Rivers, April 26-28, 2004, Tahrán, Iran (One paper and one poster paper).
- 36- 3rd Int. Conference on Recent Trends in Engineering, April 3-5, 2005, Faculty of engineering, Menia Univ., Menia (Four papers).
- 37- 8th Alazhar Engineering Int. Conference, Faculty of Engineering, Alazhar Univ., Cairo, 24-27 December, 2004 (one paper).
- 38- 10th Int. Water Technology Conference (IWTC-2006), Alex., Egypt, 23-25 March 2006,. (two papers).
- 39- 11th Int. Water Technology Conference (IWTC-2007), Sharm Elsheikh., Egypt, 15-18 March 2007. (two papers, one of them has got the prize of the best paper).
- 40- 2nd Int. conference on Software and Data Technology, 22-25 July 2007, Barcelona, Spain. (one paper).
- 41- 37th Int. conference for Computers and Industrial Engineering, 20-23 Oct 2007, Alex., Egypt. (one paper).
- 42- 11th Int. Water Technology Conference (IWTC-2008), Alex., Egypt, 27-30 March 2008,. (two papers, one of them has got the prize of the best paper).
- 43- Conference on Sustainable Development for Environmental Problems, Faculty of Agr., Zagazig University, Zagazig, Egypt, 6-7 May 2008. (Invited Lecture titled "Environmental GIS").
- 44- Int. conf. on Engineering Education and Laboratory, Garyounis University, Benghazi, Libya. (four papers).
- 45- Int. Conference on River hydraulics, Turkey, 28-30 April 2008. (one paper).
- 46- 9th Int. conference on Fluid dynamics and Jet Propulsion, Alex., Egypt, 18-



21 December 2008. (Five papers).

47- 7th Int. conference on Environmental hydraulics, Chilly, 8-12 Jan. 2009. (one paper).

48- 8th Int. conference for Engineering Hydro-informatics, Chilly, 8-12 Jan. 2009. (one paper).

49- 13th Int. Water Technology Conference (IWTC-2009), Hurghada, Egypt, 12-15 March 2009,. (four papers and chairperson of one session).

50- 6th Int. Conference on Environmental Hydrology and 1st symposium on Shore and Coastal Engineering, Cairo, 28-30 Sept. 2009. (six papers, one of them has got the prize of the best paper, chairperson of one session. Also, member of Scientific Committee).

51- 14th Int. Water Technology Conference (IWTC-2010), Cairo, Egypt, March 2010,. (one paper and chairperson of one session. Also reviewer).

52- 15th Int. Water Technology Conference (IWTC-2011), Alex., Egypt, May 2011, (one paper and chairperson of one session. Also reviewer).

53- Assiut Int. conference on “Future of New and Renewable Energy in Arab Region”, Assiut University, 12-14 Dec. 2012. (One paper).

54- 3rd International Conference on Future Environment and Energy-ICFEE 2013, Feb. 24-25, 2013, Rome, Italy (One paper).

55- 2nd International Conference on Engineering and Applied Science (ICEAS 2013), Japan.

56- 12th International Conference on Computing and Control for the Water Industry: Informatics for Water Systems and Smart Cities”, CCWI2013, Sept. 2-4, 2013, Italy

57- 23rd International Conf. on “Environmental Protection is a Must”, 11-13 May 2013, Alexandria, Egypt (6 papers and chairing one session).

58- 17th Int. Water Technology Conference (IWTC-2013), Istanbul, Turkey, Nov. 3-5, 2013 (five papers, G. Secretary, chairperson and reviewer).

59- 7th Int. Congress on Env. Modelling and Software, 15-17 June, 2014, San Diego, CA, USA (one paper).

60- 2nd International Conference on Advanced Logistics and Transport, ICALT2014, 1-3 May 2014, in Hammamet, Tunisia (one paper).

61- American University in Cairo

62- The Asian Conference on Sustainability, Energy and the Environment 2014, ACSEE 2014, June 12-15, Japan. (one paper).

63- 14th International Multidisciplinary Scientific Geoconference & EXPO SGEM 2014. (one paper)



- 64- 2nd Int. Conf. on Oceanography, 21-23 July 2014, Las Vegas, NV, USA. (two abstracts)
- 65- 11th Int. conf. on Hydroinformatics, 17-21 AUG. 2014, New York, NY, USA (one paper).
- 66- Int. Conf. in Integrated Management of Environment, 25-28 Sept., Hammamet, Tunisia, <http://www.icime.net/> (four papers).
- 67- 8th 8th International Conference Interdisciplinary in Engineering, INTER-ENG 2014, 9-10 October 2014, Tirgu Mures, Romania (2 papers).
- 68- 4th International Conference on Environmental Science and Development, October 29-30th, 2014, San Diego, USA (1 paper)
- 69- Life Cycle in Practice Conference, 5-6 November 2014, Lille, France (1 oral + 2 poster).
- 70- 10th International Conference Role of Engineering Towards a better Environment, December 15-17th, 2014, Alexandria, Egypt. (3 papers).
- 71- 6th International Conference on Environmental Science and Development, February 14-15, 2015 in Amsterdam, Netherlands. (4 paper).
- 72- 18th International Water Technology Conference, IWTC18, Sharm ElSheikh, 12-14 March 2015 (7 papers).
- 73- International Conference on Technologies and Materials for Renewable Energy, Environment and Sustainability, TMREES15, April 17-20, 2015, Beirut-Lebanon (1 paper)
- 74- 8th Nordic Conference on Construction Economics and Organization, 28-29 May 2015, Tampere, Finland (1 paper)
- 75- 2nd International Conference on Innovative and Sustainable Architecture, Planning and Landscape 23-24 July, 2015, Newcastle, UK. <http://conferences.ncl.ac.uk/isap12015/> (1 paper)
- 76- The 9th International Conference, INTER-ENG 2015, Interdisciplinarity in Engineering, 8 - 9 October 2015, "Petru Maior" University of Tîrgu-Mureş, Romania (2 papers and keynote speaker)
- 77- Middle East Waste Management Summit, 9-10 Dec. 2015, Cairo (attended as a Speaker about Waste Management and Minimization: LCA and system approach).
- 78- The 42nd International Conference on "the Development of the Egyptian Economy in a Global Society", organized by the Association of the Egyptian American Scholars, Ain Shams University, Cairo, 27-29 Dec. 2015 (3 papers).
- 79- Green Economy: A Road Map for Sustainable Development and Poverty Reduction in the Arab Region" Conference 16 – 17 December 2015 (only



- attendance and discussions– no papers).
- 80- The International Conference of Engineering Sciences and Applications, organized by Zagazig University, Aswan, Egypt, 28-31 January, 2016 (7 papers).
 - 81- International Conference on Water, Environment, Energy & Society, March 15-18, 2016, Bhopal, India (2 papers)- Each paper was awarded the best paper award.
 - 82- 19th International Water Technology Conference, IWTC19, Sharm ElSheikh, April 2016 (4 papers).
 - 83- 2016 3rd International Conference on Coastal and Ocean Engineering (ICCOE 2016), 809 April 2016, Tokyo, Japan (one paper).
 - 84- 12th Int. Conference on Hydroinformatics, Korea, Aug. 21-26, 2016 (5 papers)
 - 85- The 9th International Conference, INTER-ENG 2015, Interdisciplinarity in Engineering, 6 - 7 October 2016, "Petru Maior" University of Tîrgu-Mureş, Romania (5 papers and keynote speaker).
 - 86- The Ninth Alexandria International Conference On Structural And Geotechnical Engineering (Aicsge9), 19-21 Dec. 2016, Alexandria, Egypt (2 papers).
 - 87- The 10th International Conference, INTER-ENG 2016, Interdisciplinarity in Engineering, 4 - 7 October 2016, "Petru Maior" University of Tîrgu-Mureş, Romania (5 papers and keynote speaker).
 88. 20th International Water Technology Conference, IWTC20, Hurghada, 18-20 May 2017 (4 papers).
 - 88- The 11th International Conference, INTER-ENG 2017, Interdisciplinarity in Engineering, 3 - 9 October 2017, "Petru Maior" University of Tîrgu-Mureş, Romania (4 papers and keynote speaker).
 - 89- 1st Int. EMCEI 2017, Sousse Tunisia, Nov. 2017.
 - 90- ICIEM 2018, Tunisia, May 2018, Sousse
 - 91- ICWEES 2018, Jerba Island, May 2018.
 - 92- The 12th International Conference, INTER-ENG 2018, Interdisciplinarity in Engineering, 2 -69 October 2018, "Petru Maior" University of Tîrgu-Mureş, Romania (keynote speaker).
 - 93- 1st Int. Conference on Civil and Environmental Engineering, Hurghada, 24-26 Nov. 2018, organized by El- Menia University, Egypt
 - 94- 12th int. conf. on Marine Biology and Oceanography, Rome, Italy, Dec. 3-4 Dec. (Keynote Speaker).
 - 95- XVth international conference on Sustainable Development conference,



- 26-31 March, 2019, Moscow Witte University, Invited Keynote Speaker: Sustainability of University Campus environment.
- 96- IWTC22, 14-16 Sept., Ismailia, Egypt (ICT workshop).
- 97- The 12th International Conference, INTER-ENG 2019, Interdisciplinarity in Engineering, 4- 5 October 2019, "Petru Maior" University of Tîrgu-Mureş, Romania (keynote speaker).
- 98- 2nd Int. EMCEI 2019, Sousse Tunisia, 10-13 Oct. 2019.
- 99- 1st Int. conference on Climate Change, 25-26 /11/2019, Dubai (Keynote Talk).

VII-Visited Countries

- 1- Saudi Arabia (Oct. 1994- July 1998). (Riyadh) – Senior Lab Engineer and tutor for teaching in King Saud University
- 2- Libya (Oct. 2003- March 2006) (Benghazi and Sert) as a professor of hydraulics for teaching in Garyounis University (2 years) and Eltahady University (one semester).
- 3- Italy (two weeks) (2006) (Rome) for Int. E-Learning Project meetings and training.
- 4- Germany (one week) (2007) for Int. E-Learning Project meetings and training.
- 5- Libya (28-30 April 20108) , for attending the 1st int. conf. on engineering Labs.
- 6- Uganda (one week) (2009) for attending NBI meeting
- 7- Tanzania (one week) (2010) for attending NBI meeting
- 8- Finland (two weeks(Aug. 2013) Study tour
- 9- Vietnam (2 days Ho Chi Minh and Can Tho) (Aug. 2013) 1st JMD project seminar.
- 10- Turkey (3 days in Istanbul) (Nov. 2013) for IWTC17
- 11- Japan (4 days in Tokyo) (Dec. 2013) for a project coordinating meeting
- 12- USA (16 Aug. – 22 Aug. 2014), 11th Int. conf. on Hydroinformatics.
- 13- Finland (24/8-29/8/2014) training of LCA+
- 14- Japan (6/9-11/9/2014) for attend 2nd JMD project seminar
- 15- Japan (19/10-28/10/2014) JICA fellowship program – capacity building and Japanese culture gaining.
- 16- Vietnam (28 Aug – 1 Sept 2015), 3rd Int. Seminar of the JMD/JSPS Project
- 17- Romania (6-13 October 2015), 9th Inter-ENG 2015, Invited Keynote



Speaker

- 18- UK, Oxford, Sept. 11-15, 2016, ICSE2016 conference.
- 19- UK, London, Sept. 15-17, 2016 sightseeing.
- 20- Romania, 5-9 October 2016, 10th Inter-Eng 2016, Invited Keynote Speaker,
- 21- Slovakia, 21 May -13 June 2017, Erasmus Mobility.
- 22- Hungary, 7 June, 2017 (from Slovakia to Hungary, Schengen Visa)
- 23- Romania, 3-8 October 2017, 11th Inter-Eng 2017, Invited Keynote Speaker,
- 24- Tunisia, Sousse, from Nov. 21-27, 2017, 1 May to 12 May 2018.
- 25- Tunisia, May 2018, Sousse (ICIEM 2018) and Jerba Island (ICWEES 2018).
- 26- Romania, 2-6 October 2018, 12th Inter-Eng 2018, Invited Keynote Speaker.
- 27- Italy, 2-6 Dec. 2018, Marine biology and oceanography 2018 conference, Rome, 3-4 Dec. 2018.
- 28- Moscow, 26-31 March 2019, Sustainable Development conference, Moscow Witte University, Invited Keynote Speaker: Sustainability of University Campus environment.
- 29- Italy, 21-28 Oct. 2019, Pisa, CNR, bilateral (CNR-ASRT)project meeting.
- 30- UK, 6/11 – 22/11, 2019, University of Exeter, BC-STD project (30771) meeting.
- 31- Dubai, 25-26/11/2019, Climate Change conference.

VIII- Membership

- 1- Head of the Permanent Scientific committee of Promotion of Associate Professor and Professor, formed by SCU, MoHE, Egypt, (Cycle 13, 2019-2022).
- 2- Sectary of Permanent committee of Promotion of Associate and Professor, formed by SCU, MoHE, Egypt, Cycle 12 (2016 -2019).
- 3- Member of International Associate of Hydraulic Engineering and Research (IAHR), since 1994 till now, www.iahr.org
- 4- Member of the IWTA board (www.iwta.info).
- 5- New Westminster college fellow

<http://newwestminstercollege.ca/professor-dr-abdelazim-negm-b-sc-hons-m-sc-ph-d-c-e/>



- 6- Editor-in-Chief of EIJEST, Faculty of Engineering, Zagazig University, Egypt, since Feb. 2017.
- 7- Secretary General of EIJEST, Faculty of Engineering, Zagaig University, 2008-2012.
<http://www.journals.zu.edu.eg/JournalDisplay.aspx?JournalId=6&queryType=Master>
- 8- Scientific advisory board of the 8th Int. Conference on sustainable development of energy, water and environmental systems, September 22-27, 2013, Dubrovnik, Croatia.
<http://www.dubrovnik2013.sdewes.org/sab.php>
- 9- Secretary-general of the conference of (i) IWTC17, No. 2013 Turkey, (ii) IWTC18, March 2015 , Egypt and (iii) IWTC19, March 2016, Egypt , IWTC20 in Hurghada, Egypt.
- 10- Technical committee of International Arab Journal of Information Technology, IAJIT
http://ccis2k.org/iajit/?option=com_content&task=view&id=924&Itemid=377
- 11- Scientific committee of IWTC16, 28-30 May, 2011, Alexandria.
<http://www.jomegak.com/Publications/2011%20IWTC-2011-Final-Program.pdf>
- 12- Technical advisory committee of International conference on Water, Environment, energy and society, Dec. 15th-18th, Bhopal, India.
<http://aisectuniversity.ac.in/ICWEES/TECHNICALADVISORYCOMMITTEE.aspx>
- 13- Organization committee of the 3rd International conference on Oceanography, June 22-24, 2015 Philadelphia, USA.
<http://www.oceanographyconference.com/>
- 14- Scientific advisory board of the 10th Int. Conference on sustainable development of energy, water and environmental systems, September 27- October 3rd, 2015, Dubrovnik, Croatia
<http://www.dubrovnik2015.sdewes.org/sab.php>



- 15- Scientific committee of the 9th International Conference INTER-ENG 2015, Interdisciplinary in Engineering, 8 - 9 October, 2015, "Petru Maior" University of Tîrgu-Mureş, Romania
<http://inter-eng.upm.ro/2015/keynote-speakers.html>
- 16- Member of the editorial board of the International Journal of Environmental Science and Development, www.ijesd.org
17. Editorial board of Science international journal
<http://www.scienceinternational.com/e-board.php>
18. Member of the Technical committee of the 2016 3rd Journal Conference on Environmental Science and Development (JCESD 2016 3rd), Aug. 14-16, 2016, Porto, Portugal
19. Member of the Technical committee of the 2016 3rd Journal Conference on Environmental Science and Development (JCESD 2016 3th), Nov. 12-14, 2016, Taipei, Taiwan
20. Member of the Scientific Advisory Board of several international conferences.
21. Member of the scientific committee of the following conferences (supported by Springer): EMCIE 2017, ICIEM2018, ICWEES 2018.
22. Member of the reviewers committee of the permanent committee for promotion of professors and assistant professors since 2008.
23. Member of Engineering Syndicate since 1985.
24. Member of Steering Committee of the International Project “Integrated Coastal Zone Management in Port-Said”, Project funded by the European Union (Project no. MEDL2005L112-172).
25. Member of the E-learning International Project Team, Project funded by the European Union (Project no. JEP-31007-2003).
26. General Secretary of the Int. Egyptian Journal for Engineering Sciences and Technology since Jan. 2008 till 2012.
27. Member of QAAP project team (Quality Assurance and Accreditation Program), in Faculty of Engineering, Zagazig University.



28. Member of Higher Education Development follow-up committee founded in 2003 at Faculty of Engineering, Zagazig University.
29. Member of laboratories and scientific apparatus Committee at Faculty of Engineering, Zagazig University for three years.
30. Member of Education and Students Committee at Faculty of Engineering, Zagazig University for two years.
31. Member of cultural relationships committee at Faculty of Engineering, Zagazig University, for two years.
32. Member of the technical committee of the 6th Int. Conf. on Environmental Hydrology and 1st Sym. On Coastal and Port Engineering, ASCE-Eg, 28-30 Sep. 2009, Cairo.
33. Member, Technical Committee, 6th International Conference on Environmental Hydrology and 1st Symposium on Coastal and Port Engineering, ASCE, Cairo
34. Member of the technical committee of the 7th Int. Conf. on Environmental Hydrology and 1st Sym. On Coastal and Port Engineering, ASCE-Eg, 2012, Cairo.
35. Member of the Faculty Council for years since 2007 till 2011.
36. Member of the Water and Water Structures Eng. Dept. Council since 1998 till now (except the period from Oct. 2003 to March 2006) and (Oct. 2012 till Aug. 2016).
37. Elected Member of the technical committee of the Nile Basin University Forum, launched in Uganda at June 2009.

IX- Reviewer for the following Journals

- 1- aej: Alexandria Engineering Journal
- 2- aes: Journal of African Earth Sciences
- 3- asej: Ain Shams Engineering Journal
- 4- catena: Catena
- 5- ejrs: The Egyptian Journal of Remote Sensing and Space Sciences
- 6- hydres: HydroResearch
- 7- hydrol: Journal of Hydrology



- 8- ijsrc: International Journal of Sediment Research
- 9- mex: MethodsX
- 10- photo: ISPRS Journal of Photogrammetry and Remote Sensing
- 11- rser: Renewable & Sustainable Energy Reviews
- 12- stoten: Science of the Total Environment
- 13- Journal of Neural computing and Applications, Springer,
<http://www.editorialmanager.com/ncaa/default.aspx>
- 14- Arabian Journal of Geosciences, Springer
- 15- International Journal of Modeling, Simulation, and Scientific Computing,
Published by World Scientific Publishing Co., <http://ijmssc.edmgr.com/>.
- 16- International Journal of Water Technology, www.iwtj.info
- 17- International Arab Journal of Information Technology, www.iajit.org
- 18- International Journal of Water Resources and Environmental Engineering,
www.academicjournals.org/IJWREE
- 19- International Journal of Environmental Science and Development, www.ijesd.org
- 20- African Journal of Agricultural Research, www.academicjournals.org/ajar
- 21- Egyptian International Journal of Engineering Science and Technology,
Published by Faculty of Engineering, Zagazig University, Egypt.
- 22- Mansoura Engineering Journal, Published by Faculty of Engineering, Mansoura
University, Egypt.
- 23- Assiut Engineering Journal, Published by Faculty of Engineering, Assiut
University, Egypt
- 24- Port-Said Engineering Journal, Published by Faculty of Engineering, Suez Canal
University, Egypt
- 25- ESPR Journal, Egypt for Environmental Science and Pollution Research.
<http://espr.edmgr.com/>
- 26- Reviewer of the Journal "Environment and Natural Resources Research
<http://www.ccsenet.org/journal/index.php/enrr>

X- Editorial Board of Journals/Books

- 1- Member of the Editorial Board of Springer Series “Handbook of Environmental Chemistry”.
- 2- Editor-in-Chief of EIJEST – since Feb. 2017.
- 3- Associate editor of Euro-Med for Environmental Integration, Springer.
- 4- Guest Editor at Arabia Journal of Geoscience, AJGS, Springer.
- 5- International Arab Journal of Information Technology



- 6- Associate Editor of IWTJ – since Nov. 2013 until present
- 7- International Journal of Environment and Sustainable Development, IJESD
- 8- Editor in Chief of the International Research Journal of Engineering Sciences IRJES from July 2015 to March 2018. (I resigned).

XI- Organizer of several Workshops:

- 1- Environmental Impacts of GERD on Egypt, 2017, Zagazig University, Egypt.
- 2- Crisis Management and Hazards of Chemicals, 2017, Zagazig University, Egypt.
- 3- Integrated Water Resources Management in Egypt, 25 Feb. 2013, Bibalex, Alexandria.
- 4- Sustainable Environment, 15/5/2013, E-JUST.
- 5- RS/GIS Applications In Environmental Engineering, 23/4/2013, E-JUST.
- 6- Problems and Protection Measures of Coastal Zones, 19/05/2013, E-JUST.
- 7- Waste Treatment Technologies and Management, 19/5/2013, E-JUST

XII- Invited Keynote Speaker

- 1- Invited to provide a take on " Impacts of GERD on the Egyptian Water Resources" at the 2nd Int. Conf. on Oceanography, 21-23 July 2014, Las Vegas, NV, USA.
- 2- Provided a keynote talk on "Environmental Economy and Society welfare " at The 9th International Conference, INTER-ENG 2015, Interdisciplinarity in Engineering, 8 - 9 October 2015, "Petru Maior" University of Tîrgu-Mureş, Romania.
- 3- Provided a keynote talk on "Waste Management and Minimization: LCA and system approach " at the Middle East Waste Management Summit, 9-10 Dec. 2015, Cairo.
- 4- Provided a keynote talk on "Education and Research for Sustainable Development" at The 10th International Conference, INTER-ENG 2016, Interdisciplinarity in Engineering, 6 -7 October 2016, "Petru Maior" University of Tîrgu-Mureş, Romania.
- 5- Provided a keynote talk on "Educators and Professor for Sustainable Development Era" at The 11th International Conference, INTER-ENG 2017, Interdisciplinarity in Engineering, 5 -6 October 2017, "Petru Maior" University of Tîrgu-Mureş, Romania.



- 6- Provided a keynote talk on "Sustainability of University Campus" at The 12th International Conference, INTER-ENG 2018, Interdisciplinarity in Engineering, 2 -6 October 2018, " University of Medicine, Pharmacy, Science and Technology", Tîrgu-Mureş, Romania.
- 7- Provided a keynote talk on "Egyptian Coastal Lakes: Challenges and Strategies", Marine biology and oceanography 2018 conference, Rome, 3-4 Dec. 2018, Rome, Italy.
- 8- Keynote talk at Whitte University, Moscow, March 2019, "Sustainability of Campus Environment".
- 9- Provided a keynote talk on " Connectivity Between University Green Environment and Industry 4.0" at The 13th International Conference, INTER-ENG 2019, Interdisciplinarity in Engineering, 3 -4 October 2019, " University of Medicine, Pharmacy, Science and Technology", Tîrgu-Mureş, Romania.
- 10- Keynote talk at Nasser Lake Conference, 24-26 Feb. 2019, Aswan, ICT in Water Resources with Application to Nasser Lake.
- 11- Keynote Talk at Aswan University Conference, 3-6 April 2020, Water Resources Challenges and Solutions in Egypt", Hurghada.
- 12- Keynote talk at Whitte University, Moscow, March 2019, "Water Resources Challenges and Solution in MENA Regions", 2 April 2020.
- 13- Will deliver a keynote talk titled "IoT-Based Smart Greenhouse Technology and Automated Indoor and Outdoor Irrigation Systems" at the 14th int. Conf., INTER-ENG2020, Interdisciplinarity in Engineering, 8-9 October, University of Medicine, Pharmacy, Science and Technology", Tîrgu-Mureş, Romania.

XII- International Awards, Honors and Nomination:

Dr. Abdelazim Negm is a Fellow, New Westminster College, Vancouver, British Columbia, Canada, 2013.

Dr. Abdelazim Negm has been Included in the following world directory:

- 1- Listed on, "Marquis Who's Who in the World" 27th Ed., 2010, USA till now.
- 2- Listed in IBC's 2000 Outstanding Intellectuals of the 21st Century by International Biographical Center, Cambridge, England, till now.

Dr. Abdelazim Negm was awarded for the following:



1. The best paper award from the ICWEES2016 for the paper “Assessment Of Different Bathymetry Statistical Models Using Landsat-8 Multispectral Images” by Omar Makboul, Abdelazim Negm, Saleh Mesbah, Mohamed Mohasse
2. The best paper award from the ICWEES2016 for the paper “Development of Rating Curves for Nubia Lake, Sudan, Using RS/GIS” by Mohamed Elshahabi1, Abdelazim Negm, and Kamal Ali
3. The best paper in the field of hydraulics and hydraulic structures, International Prize for Water) by IWTC11-2007 for the paper (145- Negm, A.M., Minimization of Scour DS of Radial Stilling Basin, Proc. Of 11th IWTC2007, 15-18 March 2007, Sharm Elsheikh, Egypt)
4. The best paper in the field of hydraulics and hydraulic structures, International Prize for Water) by IWTC11 -2008 for the paper (A. M. Negm, G. M. Abdel-Aal, M. M. Elfiky and Y. A. Mohamed, Optimal Position of Curved Deflector to Minimize Scour Downstream of Multi-Vents Regulators, Proc. Of 10th IWTC2008, 27-30 March 2008, Alex., Egypt)
5. The best paper in the Water Resources ASCE-Eg -2009 for the paper (Nassar, M.A., Ibrahim, A.A., Negm, A.M., Modeling of Local Scour Down Stream of Hydraulic Structures Using Support Vector Machines (SVMs), Proc. of 6th Int. Conference on Environmental Hydrology and 1st symp. on Coastal and Port Engineering, 28-30 Sep. 2009, ASCE-Eg, Cairo)

Dr. Abdelazim Negm was nominated by the following ABI and IBC for his numerous achievements:

American Biographical Institute (ABI) nominated Dr. Abdelazim Negm for the Award of

- ABI's 2011 Man of the year distinction.
- ABI's One of 1000 top thinkers and intellectuals to appear in the Great Minds of the 21st Century.
- ABI's Scientific Award of Excellence for 2011
- ABI's Professional Hall of Fame Award.
- ABI's American Order of Merit Award.

International Biographical Center, Cambridge, England nominated Dr. Abdelazim Negm for the award of :



- IBC's 21st Award for Achievement.
- IBC's International Einstein Award for Scientific Achievement.
- IBC's International Educator for the Year 2011
- IBC's Top 100 Educators of the Year 2011.
- IBC's Man of the Year 2011.
- IBC's Top 100 Engineers of the Year .

N.B.:

(1) International Biographical Centre Cambridge (IBC), UK

The International Biographical Centre, of Cambridge, England, is a world leader in biographical publishing. Founded over forty years ago, its range of reference titles have earned an international reputation for unrivalled scope and integrity.

(2) Marquis Who's Who, USA

Since 1899, Who's Who in America® has chronicled the lives and careers of America's most noteworthy people. Today, Marquis Who's Who has grown to include the biographies of millions of leaders and achievers from around the world and from every significant field of endeavor. Executives, journalists, educators, students, libraries, and researchers of all kinds consult our online biographical database and specialized directories for in-depth, accurate information they can use with confidence

(3) The American Biographical Institute (ABI), Inc, USA

The American Biographical Institute is one of the world's leading biographical reference publishers and authorities on global contemporary achievement. Founded in 1967, the Institute has published the biographies of outstanding men and women, the world over, in more than 150 separate reference volumes.

These three biographical dictionaries are the topmost recognized dictionaries in the world.

XIV- Editor of the following books -Springer Nature International Publisher

- 1- Negm, A.M. (2017) The Nile Delta, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, XVII, 537 p., One of the top ten books in Water Sciences for the year 2017.



- 2- Negm, A.M. (2017) The Nile River, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, XVII, 741, 10.1007/978-3-319-59088-2. One of the top ten books in Water Sciences for the year 2017.
- 3- Negm, A.M. and Zelenakova, M. (2019) Water Resources in Slovakia: Part I: Assessment and Development, Series: The Handbook of Environmental Chemistry, Vol. 69, Springer International Publishing AG, part of Springer Nature 2019, 1st ed., ISBN 978-3-319-92852-4 ISBN 978-3-319-92853-1 (eBook)
<https://doi.org/10.1007/978-3-319-92853-1>
- 4- Negm, A.M. and Zelenakova, M. (2019) Water Resources in Slovakia: Part II: Climate Change, Droughts and Floods, Series: The Handbook of Environmental Chemistry, Vol. 70, Springer International Publishing AG, part of Springer Nature 2019, 1st ed., ISBN 978-3-319-92864-7 ISBN 978-3-319-92865-4 (eBook)
<https://doi.org/10.1007/978-3-319-92865-4>
- 5- Negm, A.M., Bek. M.A. and Abdel-Fattah, S. (2019) Egyptian Coastal Lakes: Part I: Characteristics and Hydrodynamics, Series: The Handbook of Environmental Chemistry, Vol. 71, Springer Nature Switzerland AG 2019, 1st ed., ISBN 978-3-319-93589-8 ISBN 978-3-319-93590-4 (eBook), <https://doi.org/10.1007/978-3-319-93590-4>
- 6- Negm, A.M. Bek. M.A. and Abdel-Fattah, S. (2019) Egyptian Coastal Lakes: Part II: Climate Change and Biodiversity, Series: The Handbook of Environmental Chemistry, Vol. 72, Springer International Publishing AG, part of Springer Nature 2019, 1st ed., ISBN 978-3-319-93610-9 ISBN 978-3-319-93611-6 (eBook), <https://doi.org/10.1007/978-3-319-93611-6>
- 7- Negm, A.M. (2019) Groundwater in the Nile Delta, Series: The Handbook of Environmental Chemistry, Vol. 73, Springer International Publishing AG, part of Springer Nature 2019, 1st ed ISBN 978-3-319-94282-7 ISBN 978-3-319-94283-4 (eBook), <https://doi.org/10.1007/978-3-319-94283-4>
- 8- Negm, A.M (2019) Conventional Water Resources and Agriculture in Egypt: The Handbook of Environmental Chemistry, Vol. 74, Springer International Publishing AG, part of Springer Nature 2019, 1st ed., ISBN 978-3-319-95064-8 ISBN 978-3-319-95065-5 (eBook)
<https://doi.org/10.1007/978-3-319-95065-5>
- 9- Negm, A.M. (2019) Unconventional Water Resources and Agriculture in Egypt, Series: The Handbook of Environmental Chemistry, Vol. 75, Springer International Publishing AG, part of Springer Nature 2019, 1st ed., ISBN 978-3-319-95070-9 ISBN 978-3-319-95071-6 (eBook), <https://doi.org/10.1007/978-3-319-95071-6>



- 10- Negm, A.M. and Abu-hashim, M. (2019) Sustainability of Agriculture Environment in Egypt: Part I: Soil-Water-Food-Nexus: Series: The Handbook of Environmental Chemistry, Vol. 76, Springer International Publishing AG, part of Springer Nature 2019, 1st ed., ISBN 978-3-319-95344-1 ISBN 978-3-319-95345-8 (eBook), <https://doi.org/10.1007/978-3-319-95345-8>
- 11- Negm, A.M. and Abu-hashim, M. (2019) Sustainability of Agriculture Environment in Egypt: Part II: Soil-Water-Plant-Nexus, The Handbook of Environmental Chemistry, Vol. 77, Springer International Publishing AG, part of Springer Nature 2019, 1st ed., ISBN 978-3-319-95356-4 (in Press).
- 12- Negm, A.M. (2019) Grand Ethiopian Renaissance Dam Versus Aswan High Dam, Series: The Handbook of Environmental Chemistry, Vol. 79, Springer International Publishing AG, part of Springer Nature 2019, 1st ed. ISBN 978-3-319-95599-5 ISBN 978-3-319-95600-8 (eBook) <https://doi.org/10.1007/978-3-319-95600-8>

XV – 1-Book Chapters 2017- (in The Nile Delta Book)

Abdelazim M. Negm, Oliver Saavedra, and Ahmed El-Adawy (2017) Nile Delta Biography: Challenges and Opportunities, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 3-18.

Abdelazim M. Negm and Asaad M. Armanuos (2017) GIS-Based Spatial Distribution of Groundwater Quality in the Western Nile Delta, Egypt, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 89-120.

Abdelazim M. Negm and Mohamed Galal A. Eltarabily (2017) Modeling of Fertilizer Transport Through Soil, Case Study:Nile Delta, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 121-158.

Ali Masria, Abdelazim M. Negm, and Moheb Iskander (2017) Assessment of Nile Delta Coastal Zone Using Remote Sensing, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 379-396.

Ayman Sabry Koraim and Abdelazim Negm (2017) Protection Methods Against Sea-Level Rise Caused by Climatic Change: Case Study of the Nile Delta Coastal Zones, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 397-424.



Abdelazim M. Negm, Hassan Mohamed, Mohamed Zahran, and Sommer Abdel-Fattah (2017) Estimation of Bathymetry Using High-resolution Satellite Imagery: Case Study El-Burullus Lake, Northern Nile Delta, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 425-454.

Abdelazim M. Negm and Hickmat Hossen (2017) Sustainability of Water Bodies of Northern Egyptian Lakes: Case Studies, Burrulus and Manzalla Lakes, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 455-470.

Abdelazim M. Negm, Mahmoud Sharaan, and Moheb Iskander (2017) Assessment of Egyptian Fishing Ports Along the Coasts of the Nile Delta, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 471-494.

Abdelazim M. Negm (2017) The Nile Delta: Update, Conclusions, and Recommendations, The Nile Delta, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 55, Springer International Publisher, 1st ed., ISBN 978-3-319-56122-6, pp. 519-530.

2-Book Chapters 2017-(in The Nile River Book)

Abdelazim M. Negm, Tarek Abdel-Aziz, Mohamed Nassar, and Ismail Fathy (2017) Estimating the Life Time Span of Aswan High Dam Reservoir Using Numerical Simulation of Nubia Lake, The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 35-56.

Abdelazim Negm, Mohamed Elsayabi, and Kamal Ali (2017) Satellite Remote Sensing Approach to Estimate the Lifetime Span of Aswan High Dam Reservoir, The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 57-78.

Abdelazim Negm, Mohamed Elsayabi, and Sommer Abdel-Fattah (2017) Estimating the Sediment and Water Capacity in the Aswan High Dam Lake Using Remote Sensing and GIS Techniques, The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 79-104.

Abdelazim Negm, Mohamed Elsayabi, Reham El-Sayed Neama Abd El-Basset, Shenouda Ghaly, and Kamal Ali (2017) Morphological Variation of the Nile River First and Second Reaches 325 Using RS/GIS Techniques, The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 147-170.



Abdelazim Negm, Tarek M. Abdel-Aziz, Mohamed N. Salem, and Wessam Yousef (2017) Morphology of the Nile River due to a Flow Rate over the Maximum Current: Case Study Damietta Branch, The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 239-258

Abdelazim Negm, Saleh Mesbah, Tarek Abdelaziz, and Omar Makboul (2017) Nile River Bathymetry by Satellite Remote Sensing Case Study: Rosetta Branch, The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 259-274.

Ali Masria, Abdelazim Negm, and Moheb Iskander (2017) (2017) Toward a Dynamic Stability of Coastal Zone at Rosetta Promontory, Egypt, The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 274-304.

Osama Ragab and Abdelazim Negm Iskander (2017) Trend Analysis of Precipitation Data: A Case Study of Blue Nile Basin, Africa . . , The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 415-450.

Abdelazim Negm (2017) The Nile River: Conclusions and Recommendations , The Nile River, Ed. Abdelazim Negm, Series: The Handbook of Environmental Chemistry, Vol. 56, Springer International Publisher, 1st ed., ISBN 978-3-319-59086-8, pp. 719-730.

Published chapter in the published books 2019

Negm A.M., Sakr S., Abd-Elaty I., Abd-Elhamid H.F. (2018) An Overview of Groundwater Resources in Nile Delta Aquifer. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp. pp 3-44, https://doi.org/10.1007/698_2017_193.

Salem Z.E., Negm A.M., Nahrawy A. (2017) Hydrogeophysical Characteristics of the Central Nile Delta Aquifer. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp. pp 187-209, https://doi.org/10.1007/698_2017_75.

Abdel Sattar A.M., Bonakdari H., Negm A., Gharabaghi B., Elhakeem M. (2018) Soil Aquifer Treatment System Design Equation for Organic Micropollutant Removal. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp 307-326, https://doi.org/10.1007/698_2017_136.



Abd-Elaty I., Abd-Elhamid H.F., Negm A.M. (2018) Investigation of Saltwater Intrusion in Coastal Aquifers. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp 329-353, https://doi.org/10.1007/698_2017_190.

Abd-Elhamid H.F., Abd-Elaty I., Negm A.M. (2018) Control of Saltwater Intrusion in Coastal Aquifers. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp 355-384, https://doi.org/10.1007/698_2017_138.

Armanuos A.M., Negm A. (2018) Integrated Groundwater Modeling for Simulation of Saltwater Intrusion in the Nile Delta Aquifer, Egypt. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp 489-544, https://doi.org/10.1007/698_2017_184.

Eltarabily M.G.A., Negm A.M. (2017) Groundwater Management for Sustainable Development East of the Nile Delta Aquifer. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp 687-708, https://doi.org/10.1007/698_2017_102.

Eltarabily M.G.A., Negm A.M. (2018) Groundwater Management for Sustainable Development Plans for the Western Nile Delta. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp 709-727, https://doi.org/10.1007/698_2018_247.

Negm A.M., Omran ES.E., Abdel-Fattah S. (2018) Update, Conclusions, and Recommendations for Groundwater in the Nile Delta. In: Negm A. (eds) Groundwater in the Nile Delta. The Handbook of Environmental Chemistry, vol 73. Springer, Cham, pp.731-751 , https://doi.org/10.1007/698_2018_335.

Negm A., Elshahabi M., Tayie M.S. (2018) An Overview of Aswan High Dam and Grand Ethiopian Renaissance Dam. In: Negm A., Abdel-Fattah S. (eds) Grand Ethiopian Renaissance Dam Versus Aswan High Dam. The Handbook of Environmental Chemistry, vol 79. Springer, Cham, pp 3-17, https://doi.org/10.1007/698_2018_321.

Omran ES.E., Negm A. (2018) Environmental Impacts of AHD on Egypt Between the Last and the Following 50 Years. In: Negm A., Abdel-Fattah S. (eds) Grand Ethiopian Renaissance Dam Versus Aswan High Dam. The Handbook of Environmental Chemistry, vol 79. Springer, Cham, pp 21-52, https://doi.org/10.1007/698_2017_218.

Omran ES.E., Negm A. (2018) Environmental Impacts of the GERD Project on Egypt's Aswan High Dam Lake and Mitigation and Adaptation Options. In: Negm A., Abdel-Fattah S. (eds) Grand Ethiopian



Renaissance Dam Versus Aswan High Dam. The Handbook of Environmental Chemistry, vol 79. Springer, Cham, pp 175-196, https://doi.org/10.1007/698_2017_217.

Elsahabi M., Negm A. (2018) Evaluation of Merowe Dam's Effect on the Accumulated Sediment in Lake Nubia, Sudan Using RS/GIS. In: Negm A., Abdel-Fattah S. (eds) Grand Ethiopian Renaissance Dam Versus Aswan High Dam. The Handbook of Environmental Chemistry, vol 79. Springer, Cham, pp 255-269, https://doi.org/10.1007/698_2018_317.

Negm A., Elsahabi M., Abdel-Nasser M., Mahmoud K., Ali K. (2018) Impacts of GERD on the Accumulated Sediment in Lake Nubia Using Machine Learning and GIS Techniques. In: Negm A., Abdel-Fattah S. (eds) Grand Ethiopian Renaissance Dam Versus Aswan High Dam. The Handbook of Environmental Chemistry, vol 79. Springer, Cham, pp 271-327, https://doi.org/10.1007/698_2018_294.

Negm A.M., Abdel-Fattah S., Omran ES.E. (2018) Update, Conclusions, and Recommendations for Grand Ethiopian Renaissance Dam Versus Aswan High Dam: A View from Egypt. In: Negm A., Abdel-Fattah S. (eds) Grand Ethiopian Renaissance Dam Versus Aswan High Dam. The Handbook of Environmental Chemistry, vol 79. Springer, Cham, pp 561-586, https://doi.org/10.1007/698_2018_344.

Tayie M.S., Negm A. (2018) Administrative Context and the Legal Framework Governing Water Resources and Agriculture in Egypt. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 101-124, https://doi.org/10.1007/698_2017_206.

Donia N., Negm A. (2018) Impacts of Filling Scenarios of GERD's Reservoir on Egypt's Water Resources and Their Impacts on Agriculture Sector. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 391-414, https://doi.org/10.1007/698_2018_330.

El-Shirbeny M.A., Mohamed E.S., Negm A. (2018) Estimation of Crops Water Consumptions Using Remote Sensing with Case Studies from Egypt. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 451-469, https://doi.org/10.1007/698_2018_305.

El-Gayar S., Negm A., Abdrabbo M. (2018) Greenhouse Operation and Management in Egypt. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 489-560, https://doi.org/10.1007/698_2017_230.



Eid A.R., Negm A. (2018) Improving Agricultural Crop Yield and Water Productivity via Sustainable and Engineering Techniques. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 561-591, https://doi.org/10.1007/698_2018_259.

El-Hafez S.A.A., Negm A.M. (2018) Role of the Participatory Management in Improvement of Water Use in Agriculture. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 605-622, https://doi.org/10.1007/698_2018_325.

Elsahabi M., Negm A.M., Ali K.A. (2018) Development of the Rating Curves for Egypt's Water Resources Bank. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 625-637, https://doi.org/10.1007/698_2018_324.

Negm A.M., Omran ES.E., Mahmoud M.A., Abdel-Fattah S. (2018) Update, Conclusions, and Recommendations for Conventional Water Resources and Agriculture in Egypt. In: Negm A.M. (eds) Conventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 74. Springer, Cham, pp 659-681, https://doi.org/10.1007/698_2018_337.

Abd-Elaty I., Negm A.M., Sallam G.A.H. (2017) Environmental Impact Assessment of Subsurface Drainage Projects. In: Negm A. (eds) Unconventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 75. Springer, Cham, pp 59-85, https://doi.org/10.1007/698_2017_123.

Negm A.M., Omran ES.E., Abdel-Fattah S. (2018) Update, Conclusions, and Recommendations for the "Unconventional Water Resources and Agriculture in Egypt". In: Negm A. (eds) Unconventional Water Resources and Agriculture in Egypt. The Handbook of Environmental Chemistry, vol 75. Springer, Cham, pp 509-532, https://doi.org/10.1007/698_2018_336.

El Kafrawy S.B., Bek M.A., Negm A.M. (2018) An Overview of the Egyptian Northern Coastal Lakes. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part I. The Handbook of Environmental Chemistry, vol 71. Springer, Cham, pp 3-17, https://doi.org/10.1007/698_2018_275.

Elbehiry F., Mahmoud M.A., Negm A.M. (2018) Land Use in Egypt's Coastal Lakes: Opportunities and Challenges. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part I. The Handbook of Environmental Chemistry, vol 71. Springer, Cham, pp 21-36, https://doi.org/10.1007/698_2018_250.



Omran ES.E., Negm A.M. (2018) Adaptive Management Zones of Egyptian Coastal Lakes. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part I. The Handbook of Environmental Chemistry, vol 71. Springer, Cham, pp. 37-60, https://doi.org/10.1007/698_2017_192.

Bek M.A., Lowndes I.S., Hargreaves D.M., Negm A.M. (2018) Lake Manzala Characteristics and Main Challenges. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part I. The Handbook of Environmental Chemistry, vol 71. Springer, Cham, pp. 103-130, https://doi.org/10.1007/698_2018_249.

Bek M.A., Lowndes I.S., Hargreaves D.M., Negm A.M. (2018) Lakes and Their Hydrodynamics. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part I. The Handbook of Environmental Chemistry, vol 71. Springer, Cham, pp 197-214, https://doi.org/10.1007/698_2018_261.

Bek M.A., Lowndes I.S., Hargreaves D.M., Negm A.M. (2018) Basics of Lake Modelling with Applications. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part I. The Handbook of Environmental Chemistry, vol 71. Springer, Cham, pp.215-239, https://doi.org/10.1007/698_2018_270.

Bek M.A., Negm A.M., Abdel-Fattah S. (2018) Update, Conclusions, and Recommendations of Egyptian Coastal Lakes: Characteristics and Hydrodynamics. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part I. The Handbook of Environmental Chemistry, vol 71. Springer, Cham, pp 287-298, https://doi.org/10.1007/698_2018_332.

Elsahabi M., Negm A., Bek M.A. (2018) Are the Egyptian Coastal Lakes Sustainable? A Comprehensive Review Based on Remote Sensing Approach. In: Negm A., Bek M., Abdel-Fattah S. (eds) Egyptian Coastal Lakes and Wetlands: Part II. The Handbook of Environmental Chemistry, vol 72. Springer, Cham, pp.221-240, https://doi.org/10.1007/698_2018_315.

Abu-hashim M., Negm A. (2018) Deficit Irrigation Management as Strategy Under Conditions of Water Scarcity; Potential Application in North Sinai, Egypt. In: Negm A.M., Abu-hashim M. (eds) Sustainability of Agricultural Environment in Egypt: Part I. The Handbook of Environmental Chemistry, vol 76. Springer, Cham, pp.35-55, https://doi.org/10.1007/698_2018_292.

Negm A.M., Omran ES.E., Awaad H., Abu-hashim M. (2018) Update, Conclusions, and Recommendations for Sustainability of the Agricultural Environment in Egypt: The Soil–Water–Food Nexus. In: Negm A.M., Abu-hashim M. (eds) Sustainability of Agricultural Environment in Egypt: Part I. The Handbook of Environmental Chemistry, vol 76. Springer, Cham, pp 351-369, https://doi.org/10.1007/698_2018_339.



Abu-hashim M., Shaban K., Sallam A., Negm A. (2018) Effect of Water Deficit on Food Productivity Under Saline Conditions: Case Study – North Sinai, Egypt. In: Negm A., Abu-hashim M. (eds) Sustainability of Agricultural Environment in Egypt: Part II. The Handbook of Environmental Chemistry, vol 77. Springer, Cham, pp.33-48, https://doi.org/10.1007/698_2018_316.

Negm A.M., Omran ES.E., Abu-hashim M. (2018) Update, Conclusions, and Recommendations for Sustainability of Agricultural Environment in Egypt: Soil–Water–Plant Nexus. In: Negm A., Abu-hashim M. (eds) Sustainability of Agricultural Environment in Egypt: Part II. The Handbook of Environmental Chemistry, vol 77. Springer, Cham, pp 397-415, https://doi.org/10.1007/698_2018_340.

Zeleňáková M., Negm A.M. (2018) Update, Conclusions, and Recommendations for Water Resources in Slovakia: Assessment and Development. In: Negm A., Zeleňáková M. (eds) Water Resources in Slovakia: Part I. The Handbook of Environmental Chemistry, vol 69. Springer, Cham, pp 375-385, https://doi.org/10.1007/698_2018_326.

Zeleňáková M., Negm A.M. (2018) Update, Conclusions and Recommendations for Water Resources in Slovakia: Climate Change, Drought and Floods. In: Negm A., Zeleňáková M. (eds) Water Resources in Slovakia: Part II. The Handbook of Environmental Chemistry, vol 70. Springer, Cham, pp 325-338 , https://doi.org/10.1007/698_2018_327

XVI-**Published Paper – Year-Wise**

Year 1989

- 1- Negm, A.M., Attia, B.B. and Owais, T.M., "Power Spectrum For The River Nile Natural Flows At Aswan", Proc. of The International Seminar on Climatic Fluctuation and Water Management, Dec. 11-14, 1989, Ministry of Public Works and Water Resources, WRC, Cairo, Egypt. Paper I.8.

Years 1990-1992

PhD study Period

Year 1993

- 2- Negm, **A.M.**, El-Sayed, A.H., Attia, B.B., Hammad, M.N., "Forecasting The River Nile Natural Flows Via Spectrum Analysis", Vol 4, Proc. of Al-Azhar Eng. 3rd



- International Conference (AEIC-93), Dec. 18-21, 1993, Faculty of Eng., Al-Azhar University, Cairo, Egypt, pp. 285-297.
- 3- **Negm, A.M.**, El-Tarzy, A.I., Abdellateef, M. and Owais, T.M., "Optimum Floor Length Downstream Hydraulic Structures With Staggered Roughness Elements", Engineering Bulliten, Faculty of Eng., Ain Shams University, Vol. 28, No. 1, March 1993, Cairo, Egypt, pp. 301-314.
 - 4- El-Tarzy, A.I. and **Negm A.M.**, "The Effect of Half Cylinders Strip Roughness on The Supercritical Free Flow Characteristics Under Sluice Gate, Engineering Bulliten, Faculty of Eng., Ain Shams University, Vol. 28, No. 1, March 1993, Cairo, Egypt, pp. 287-299.
 - 5- **Negm, A.M.**, Mowafy, M.H. and Waheed El-Din, U., "Relative Sequent Depth of Free Hydraulic Jump With Roughness Elements Downstream Hydraulic Structures", Vol. 2, Proc. of The Eight International Conference of Mechanical Power Engineering (ICMPE-93), April 27-29, 1993, Faculty of Eng., Alex. University, Alex., Egypt, pp. 415-425.
 - 6- **Negm, A.M.**, Abdellateef, M. and Owais, T.M., "Effect of Under-Gate Sill Crest Shapes on The Supercritical Free Flow Characteristics", Engineering Bulliten, Faculty of Eng., Ain Shams University, Vol.28, No.4, Dec. 1993, Cairo, Egypt, pp.175-186. Also, Proc. of Al-Azhar Eng. 3rd International Conference (AEIC-93), Dec. 18-21, 1993, Faculty of Eng., Al-Azhar University, Cairo, Egypt, Vol 4, pp. 230-241.
 - 7- **Negm, A.M.**, Aboulatta, N. and Abdellateef, M., "Supercritical Free Flow Characteristics Under Silled Sluica Gate", Engineering Bulliten, Faculty of Eng., Ain Shams University, Vol.28, No.4, Dec. 1993, Cairo, Egypt, pp.163-174.
 - 8- **Negm, A.M.**, Wafaie, E.M., Aboulatta, N. and Abdellateef, M., "Discharge



- Coefficient Characteristics of Vertical Sluice Gate With Downstream Roughened Bed", Engineering Research Bulletin, Faculty of Engineering and Tecnology, Hellwan University, Vol.5, Oct. 1993, Mataria, Cairo, Egypt, pp.178-192.
- 9- **Negm, A.M.**, Wafaie, E.M., Aboulatta, N. and Abdellateef, M., "Discharge Coefficient Characteristics of Free Radial Flow Under Sluice Gate With Downstream Roughened Floor", Engineering Research Bulletin, Faculty of Engineering and Tecnology, Hellwan University, Vol.5, Oct. 1993, Mataria, Cairo, Egypt, pp.163-177.
- 10- **Negm, A.M.**, "Relative Depth of Forced Hydraulic Jump", in Advances in Hydrosience and Engineering, Vol.1, Part B, (Ed. Sam S.Y. Wang), Proceedings of The 1st Int. Conf. on Hydro-Science and -Engineering (ICHE-93), June 7-11, 1993, Washington, DC, USA, pp. 1250-1256.
- 11- **Negm, A.M.**, Waheed El-Din, U. and Eisa, S.A., "The Most Efficient Roughness Pattern For Dissipating The Energy Downstream Hydraulic Structures", in Advances in Hydrosience and Engineering, Vol.1, Part A, (Ed. Sam S.Y. Wang), Proceedings of The 1st Int. Conf. on Hydro-Science and -Engineering (ICHE-93), June 7-11, 1993, Washington, DC, USA, pp. 943-949.
- 12- **Negm, A.M.**, Mowafy, M.H., and El-Sayed, A.H., "Effect of Constructing Staggered Roughness Over The Downstream Slope of Under-Gate Sill on The Length of The Stilling Basin", Vol 4, Proc. of Al-Azhar Eng. 3rd International Conference (AEIC-93), Dec. 18-21, 1993, Faculty of Eng., Al-Azhar University, Cairo, Egypt, pp. 144-155.
- 13- **Negm, A.M.** and El-Saiad, A.A., "Subcritical Submerged Flow Characteristics Beneath A Sluice Gate With Sills of Different Relative Heights", Vol. 4, Proc. of Al-Azhar Eng. 3rd International Conference (AEIC-93), Dec. 18-21, 1993, Faculty of Eng., Al-Azhar University, Cairo, Egypt, pp. 298-309.



- 14- Mowafy, M.H., El-Sayed, A.H. and **Negm, A.M.**, "New Technique For Detect of Leakage From Network System", Vol 4, Proc. of Al-Azhar Eng. 3rd International Conference (AEIC-93), Dec. 18-21, 1993, Faculty of Eng., Al-Azhar University, Cairo, Egypt, pp. 275-284.

Year 1994

- 15- **Negm, A.M.** and Mowafy, M.H., "Prediction of The Hydraulic Jump Profile Using The Boundary Element Technique", Engineering Bulliten, Faculty of Eng., Ain Shams University, Vol.29, No.1, March 1994, Cairo, Egypt, pp.97-111
- 16- **Negm, A.M.**, Saad, M.B., Abdellateef, M. and Owasi, T.M., "Prediction of Depth and Length Ratios of Hydraulic Jump in Rough Channels Downstream Silled Sluice Gates", 19th Int. Conf. For Statistic, Computer Science, Scientific and Social Applications, 9-14 April 1994, Vol.1, Eng. Science, Cairo, Egypt, pp.50-70.
- 17- **Negm, A.M.**, Saad, M.B., Abdellateef, M. and Owasi, T.M., "Effect of Strip Roughness Shape on The Floor Length of The Hydraulic Structures", 19th Int. Conf. For Statistic, Computer Science, Scientific and Social Applications, 9-14 April 1994, Vol.1, Eng. Science, Cairo, Egypt, pp.107-127.
- 18- **Negm, A.M.**, Alhamid, A.A. and El-Sayed, A.H., "Structures of The Ten-Days Natural Flows of The River Nile", 5th Int. Conf. on Hydraulic Engineering Software V (Hydrosoft 94), 21-32 Sept., Greece, Vol. 1, in Water Resources and Distribution, W.R. Blain and K.L. Katsifarakis (Editors), Computational Mechanics Publications, Southampton Boston, , pp. 107-114.
- 19- **Negm, A.M.**, "Optimum Relative Height of The Optimal Under-Gate Sill For Supercritical Submerged Flow Below Sluice Gates", 19th Int. Conf.



For Statistic, Computer Science, Scientific and Social Applications, 9-14 April 1994, Vol.1, Eng. Science, Cairo, Egypt, pp. 39-49.

- 20- El-Sayed, A.H., Mowafy, M.H. and **Negm, A.M.**, "Naturalization of The Regulated Flow of The River Nile (Ten-Day Discharges)" 19th Int. Conf. For Statistic, Computer Science, Scientific and Social Applications, 9-14 April 1994, Vol.1, Eng. Science, Cairo, Egypt, pp.91-105.
- 21- Alhamid, A.A., Husain, D. and **Negm A.M.**, "Prediction of Sequent Depth Ratio of Hydraulic Jump on Sloping Rough Channel Floors", J. Irrigation and Power, CBIP, Vol.51, No.2, April, 1994, India, pp. 13-20.
- 22- Husain, D., Alhamid, A.A. and **Negm A.M.**, "Length and Depth of Hydraulic Jumps on Sloping Floors", J.IAHR, Vol.32, No.6, 1994, pp.899-909, Discussions and Reply Vol 34, No.1, pp.132-144.
- 23- **Negm, A.M.**, El-Saiad, A.A., Alhamid, A.A. and Husain, D., "Characteristics of Simultaneous Flow Over Weir and Below Inverted V-Notches", Civil Engineering Research Magazine, Civil Engineering Department, Faculty of Engineering, Al-Azhar University, Cairo, Egypt, Vol. 16, No. 19, 1994, pp. 786-799.
- 24- **Negm, A.M.**, El-Saiad, A.A. and Alhamid, A.A., "Prediction of Sequent Depth Ratio of The Free Hydraulic Jumps With Positive and Negative Steps", Civil Engineering Research Magazine, Civil Engineering Department, Faculty of Engineering, Al-Azhar University, Cairo, Egypt, Vol. 16, No. 9, 1994, pp. 774-785.

Year 1995

- 25- **Negm, A.M.**, Al-Turbak, A.S. and El-Sayed, A.H., "Structures of The Ten-Days Natural Flows of The Blue Nile", in Advances in Hydroscience



- and Engineering, Vol.2, Part A, (Ed. Chinese Hydraulic Engineering Society, CHES and International Research and Training Center on Erosion and Sedimentation, IRTCES), Proceedings of Second Int. Conf. on Hydro-Science and Engineering, ICHE-95, 22-26 March 1995, Tsinghua University Press, Beijing, China, pp. 641-649.
- 26- **Negm, A.M.**, Al-Turbak, A.S., Alhamid, A.A. and El-Sayed, A.H., "Analyzing and Forecasting The Ten-Days Natural Flows of The Blue Nile", in Computational Methods and Experimental Measurements VII, (Ed. G.M. Carlomagno and C.A. Brebbia), Proceedings of 7th Int. CMEM95, 16-18 May, 1995, Capri, Italy, pp.443-450.
- 27- **Negm, A.M.**, "Characteristics of Combined Flow Over Weirs and Under Gate With Unequal Contractions", in Advances in Hydrosience and Engineering, Vol.2, Part A, (Ed. Chinese Hydraulic Engineering Society, CHES and International Research and Training Center on Erosion and Sedimentation, IRTCES), Proceedings of Second Int. Conf. on Hydro-Science and Engineering, ICHE-95, 22-26 March 1995, Tsinghua University Press, Beijing, China, pp. 285-292.
- 28- **Negm A.M.**, "Free and Submerged Flow Below Sluice Gate With Sill", in Advances in Hydrosience and Engineering, Vol.2, Part A, (Ed. Chinese Hydraulic Engineering Society, CHES and International Research and Training Center on Erosion and Sedimentation, IRTCES), Proceedings of Second Int. Conf. on Hydro-Science and Engineering, ICHE-95, 22-26 March 1995, Tsinghua University Press, Beijing, China, pp. 283-300.
- 29- Mowafy, M.H., **Negm, A.M.** and El-Sayed, A.H., "Predicting The Effect of Rainfall on The Drawdown of Single and Multiple Wells Using BET", Proceedings of El-Mansoura Fist International Conf., 28-30 March 1995, Faculty of Engineering, El-Mansoura University, EL-Mansoura,



Egypt.

- 30- **Negm, A.M.**, "Analytical Solution of The Depth Ratio For Forced Hydraulic Jump", in Computational Methods and Experimental Measurements VII, (Ed. G.M. Carlomagno and C.A. Brebbia), Proc. of 7th Int. CMEM95, 16-18 May, 1995, Capri, Italy, pp.195-202.
- 31- **Negm, A.M.**, Abdel-Aal, G.M., Owais, T.M., Abdellateef, M. and Hammad, M.N., "Characteristics of Free Hydraulic Jump Downstream Silled Sluice Gates", J. Water and Energy International, Vol. 52, N0.3, CBIP, India, 1995, pp.45-51.
- 32- El-Saiad, A.A., **Negm, A.M.** and O. Waheed El-Din, "Simultaneous Flow Over Weirs and Below Gates", Civil Engineering Research Magazine, Civil Engineering Department, Faculty of Engineering, Al-Azhar University, Cairo, Egypt, Vol.17, No.7, 1995, pp.62-71.
- 33- Alhamid, A.A., **Negm, A.M.** and Abdel-Aal, G.M., "Prediction of The Free Hydraulic Jump Properties Downstream Silled Sluice Gates", Proceedings of Water & Energy 2001, International R&D Conf., 9-12 October, 1995, CBIP, New Delhi, India, pp. 151-158.

Year 1996

- 34- **Negm, A.M.**, El-Sayed, A.H., Abdellateef, M. and Owais, T.M., "Effect of Shape and Arrangement of Roughness Elements on The Free Discharge Below Vertical Sluice Gates", J. Water and Energy International, Vol. 53, No.1, CBIP, India, 1996, pp. 19-25.
- 35- Mowafy, M.H., Al-Othman, A.A. and **Negm, A.M.**, " Estimation of Hydraulic Characteristics of Arriyadh Aquifer Using BEM", Proceedings of The 18th Int. Conf. on Boundary Element Methods, 24-26 Sept., Braga,



Portugal, Computational Mechanics Publications, UK, 1996, pp. 629-637.

- 36- Alhamid, A.A., Husain, D. and **Negm, A.M.**, "Discharge Equation For Combined Flow Over Rectangular Weirs and Below Inverted Triangular Weirs", Arab Gulf Journal of Scientific Research, Vol. 14, No.3, Riyadh, Saudi Arabia, 1996, pp.595-607.
- 37- **Negm, A.M.**, "Hydraulic Jumps At Positive and Negative Steps on Sloping Floors", J. Hydraulic Research, Vol.34, No.3, 1996, pp.409-420.
- 38- Alhamid, A.A. and **Negm, A.M.**, "Depth Ratio of Hydraulic Jump in Rectangular Stilling Basins", Journal of Hydraulic Research, Vol. 34., No.5, 1996, pp.597-604.
- 39- **Negm, A.M.**, "Discharge Prediction Model For Simultaneous Underflow-Overflow ", 6th Int. Symp. on Flow Modelling and Turbulence Measurements, Florida, USA, 8-10, Sep., Balkema Publishers, 1996, pp. 665-670.
- 40- Al-Othman, A.A. and **Negm, A.M.**, "Efficiency of Horizontal Drains on Reducing Groundwater Level in An Area of Poor Hydraulic Properties in Riyadh City", Al-Mansoura First International Conf. on Control of Ground Water Level Rise in Cities, Nov. 5-6, 1996, Faculty of Engineering, Al-Mansoura Univ., Al-Mansoura, Egypt, pp.139-146.

Year 1997

- 41- **Negm, A.M.**, "Characteristics of Combined Flow Over Weirs and Below Gates", Sudan Engineering Society Journal, Vol. 44, No. 34, Jan. 1997, pp. 30-37.
- 42- Alhamid, A.A., **Negm, A.M.** and Al-Brahim, A.M., "Discharge Equation For Proposed Self-Cleaning Device", Journal KSU [Engineering Science], Vol. 9,



No.1, 1997.

- 43- Al-Othman, A.A. and **Negm, A.M.** "Estimation of Arriyadh Aquifer Parameters Using A Numerical Model", Scientific Bulletin, Faculty of Engineering, Ain Shams University, Cairo, Egypt, Vol.32, No.1, 1997, pp. 103-112.
- 44- **Negm A.M.** and Al-Sheikh, A.A., "Characteristics of Free Flow Over Contracted Broad-Crested Weirs", Engineering Bulletin, Faculty of Engineering, Ain Shams University, Cairo, Egypt, Vol.32, No.3, 1997, pp. 227-47.
- 45- Al-Hassoun, S., Shendil, U., A.A. Al-Othman and **Negm, A.M.**, "Stochastic Generation of Evaporation Sequences in Saudi Arabia", Canadian Water Resources Journal, Vol.22, No.2, 1997, pp.32-46
- 46- **Negm, A.M.**, Abdel-Aal, G.M., Matin, A.M. and Alhamid, A.A., "Discharge Equation For Free and Submerged Flow Through Combined Weir", Proc. of Al-Azhar Eng. 3rd International Conference (AEIC-97), Dec. 19-22, , Faculty of Eng., Al-Azhar University, Cairo, Egypt, Vol. 4, 1997, pp.456-470.
- 47- **Negm, A.M.**, El-Saiad, A.A. and Saleh, O.K., "Characteristics of Combined Flow Over Weirs and Below Submerged Gates", Second Engineering Conf., 1-3 April, Faculty of Engineering, Al-Mansoura Univ., Al-Mansoura, Egypt, Vol..III-B, 1997, pp.259-272.
- 48- Matin, A.M., **Negm, A.M.**, El-Saiad, A.A. and Alhamid, A.A., "Prediction of Depth Ratio At Sudden Expansion", The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 2, No.1, 1997, pp.31-36.

Year 1998



- 49- **Negm, A.M.**, Alhamid, A.A. and El-Saiad, A.A., "Submerged Flow Below Sluice Gate With Sill", Proceedings of International Conference on Hydro-Science and Engineering Hydro-Science and Engineering ICHE98, Advances in Hydro-Science and Engineering, Vol.III, Published on CD-Rom and A Booklet of Abstracts, 31 Aug.-3 Sep. 1998, Cottbus/Berlin, Germany, and on internet site (<http://kfki.baw.de/conferences/iche/1998-cottbus/authors/1998.html>).
- 50- Negm, A.M., " Analysis of Pressure Distribution Coefficient on Steps Under Hydraulic Jump Conditions in Sloping Stilling Basins, Proceedings of Hydrossoft 1998, Sept. 1998, Italy.
- 51- Negm, A.M., "Model For Free Flow Below and Downstream of Silled Sluice Gate", Proceedings of ISFMTM'98, Taiwan, October 5-8, 1998, pp.472-482.
- 52- Negm, A.M., Saleh, O.K., El-Saiad, A.A. " Analysis of Pressure Distribution Coefficient on Steps Under Hydraulic Jump Conditions in Horizontal Stilling Basins", Proceedings of International Conference on Hydro-Science and Engineering Hydro-Science and Engineering ICHE98, Advances in Hydro-Science and Engineering, Vol.III, Published on CD-Rom and A Booklet of Abstracts, 31 Aug.-3 Sep. 1998, Cottbus/Berlin, Germany, and on internet site (<http://kfki.baw.de/conferences/iche/1998-cottbus/authors/1998.html>.)
- 53- Negm, A.M., Abdel-Aal, G.M., Matin, M.A., "Model For Depth Ratio of Forced Hydraulic Jump", Proceeding of ISFMTM'98, Taiwan, October 5-8, 1998, pp.77-84.
- 54- Saleh, O.K., Al-Sheikh, A.A. and Negm, A.M., "Effect of Weir Height-Length Ratio on Discharge Characteristics of Contracted Broad-Crested Weirs", Engineering Research Bulletin, Faculty of Engineering, Hellwan University, Mataria, Cairo, Egypt, Vol. 60, Dec.1998, pp.161-172.



Year 1999

- 55- Matin, A.M., Negm, A.M. and Alhamid, A.A., "Predicting The Effect of Sediment Withdrawal From Alluvial Channels", Sudan Engineering Society Journal, Vol.46, No.37, 1999, pp.14-21.
- 56- El-Saiad, A.A. and Negm, A.M., "Local Scour At Culvert Outlet", Engineering Bulletin, Faculty of Engineering, Ain Shams University, Cairo, Egypt, Vol.34, No.1, 1999, pp.1-11.
- 57- Negm, A.M., Wafaie, E.M., and Al-Othman, A.A. , "Effect of Cube Roughness Height on The Performance of Stilling Basins", Arab Gulf Journal of Scientific Research, Manama, State of Bahrain, Vol. 17, No.1, 1999, pp.35-47.
- 58- Negm, A.M., Ibrahim, A.A. and Elfiky, M., "Flow Characteristics Below Sluice Gate With Sill Under Different Flow Regimes", Al-Mansoura Engineering Journal, Faculty of Engineering, Al-Mansoura University, Egypt, Vol.24, No.2, 1999, pp.C17-C32. (No. 58)
- 59- Mohamed, M.S., Negm, A.M., and El-Saiad, A.A., "Effect of Continuous Sill on Scour Downstream of Hydraulic Structures, CERM, Vol.21, No.3, July, 1999, 625-645.
- 60- Negm, A.M., Ezzeldin, and Attia,M.I. "Characteristics of simultaneous flow over suppressed weirs and below submerged gates", Engineering Research Journal, Faculty of Engineering, Helwan University, Mataria, Cairo, Egypt, Vol. 65, October, 1999, pp.218-231.

Year 2000

- 61- Negm, A.M., Mohamed, M.S., and El-Saiad, A.A., "Combined Effects Of Baffle Piers And An End Sill On Scour Downstream Of Hydraulic Structures",



CERM, Vol.22, No.4, October 2000, pp. 1620-1638.

- 62- Negm, A.M., Salem, M.N., and Ibrahim, A.A. “Characteristics Of Simultaneous Overflow-Submerged Underflow (Equal Contractions)”, Engineering Research Journal, Faculty of Engineering, Hellwan University, Mataria, Cairo, Vol.68, April 2000, pp. 131-144.
- 63- Negm, A.M., Characteristics Of Simultaneous Overflow -Submerged Underflow: (Unequal Contractions), Engineering Bulletin, Faculty of Engineering, Ain Shams University, Vol.35 No.1, March, 2000, pp.137-154.(The draft was published in the Proc. of ICHE’98, and on internet site <http://kfki.baw.de/conferences/iche/1998-cottbus/authors/1998.html>.)
- 64- Negm, A.M., Abdel-Aal, G.M., El-Saiad, A.A. and Ibrahim, A.A.“Discharge Characteristics of Flow Below Gates in Sloping Radial Stilling Basin”, Proc. Al-Mansoura 4th Int. Eng. Conf., April 11-13, Faculty of Engineering, Al-Mansoura University, Egypt, 2000, pp. 343-357.
- 65- Negm, A.M., Abdel-Aal, G.M., Ibrahim, A.A. and El-Saiad, A.A.,Discharge Equation For Free Flow Below Gates Upstream Sloping Diverging Channel Reach", The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 4, No.1, April 2000, pp.69-80.
- 66- Alhamid, A.A., Negm, A.M., Abdel-Aal, G.M. and El-Saiad, A.A, “Prediction Models For Free and Submerged Flow Below and Downstream Sluice Gate With Sill”, The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 4, No.1, April 2000, pp.45-58.
- 67- Abdel-Aal, G.M., Negm, A.M., and Ibrahim, A.A., "Analysis and



- Prediction of Hydraulic Jump Characteristics in Asymmetric Expanding Channels", The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 4, No.1, April 2000, pp.1-12.
- 68- Salem, M.N., Negm, A.M., and Ibrahim, A.A., " Numerical Analysis of Seepage Under Two Hydraulic Structures Founded on Anisotropic Soil", The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 4, No.1, 2000, pp.13-20.
- 69- Negm, A.M., Ibrahim, A.A. and Salem, M.N., " Modeling of Depth Ratio of Hydraulic Jumps in Abruptly Enlarged Stilling Basins, Scientific Bulletin, Faculty of Engineering, Ain Shames University, Faculty of Engineering,, Cairo, Egypt, Vol.35, No.2, 2000, pp.73-91.
- 70- Al-Brahim, A.M., Negm, A.M. and Ibrahim, A.A., Effect of Taildepth Variation on Combined Flow Over Weirs and Below Gates", Al-Mansoura Engineering Journal, Faculty of Engineering, Al-Mansoura University, Egypt, Vol.25, No.2, 2000, pp.C32-C44.
- 71- Negm, A.M., Ezzeldin, M.M. and Attia, M.I., Comparison Between Characteristics of Both Jet And Jump Downstream Silled Sluice Gate", Engineering Research Journal, Faculty of Engineering, Hellwan University, Mataria, Cairo, Egypt, Vol.69, June 2000, pp.129-144.
- 72- Negm, A.M., Abdel-Aal, G.M., and El-Saiad, A.A., Generalized Discharge Equation For Proposed Simultaneous Flow Structures", Proc. 6th AEIC, Sep. 1-4, 2000, pp.247-257.
- 73- Negm A.M., Semi-Theoretical Approach For Detection Of Cavitation At



- Steps In Horizontal Stilling Basins-Hydraulic Jump Type, Proc. 6th AEIC, Sep. 1-4, 2000, pp.167-176.
- 74- Elfiky, M.M and Negm, A.M., Education Improvement I: Use of Spreadsheets as A teaching Tool in Irrigation Designs: Arch-Bridge Design, Proc. 6th AEIC, Sep. 1-4, 2000, pp.151-166.
- 75- Matin, A.M., Alhamid, A.A. and Negm, A.M., Modeling of Depth Ratio of Hydraulic Jumps in Expanding Channels, CERM, Vol. 22, No., Jan, 2000, pp. 250-261. (Also, Proc. of ICHE'98, and Web Site <http://kfki.baw.de/conferences/iche/1998-cottbus/authors/1998.html>).
- 76- Husain, D., Negm, A.M. and Alhamid, A.A., A Proposed Criterion for reattachment of flow below Vibrating Vertical Lift Gates With Thick Bottom, Proc. 4th ICHE-2000, Published on CD ROM and Booklet of abstracts, Sep. 26-29, 2000, Seoul, Korea, and on internet site <http://kfki.baw.de/conferences/iche/2000-seoul/html/sess.html>). The draft was published in KAU, Jeddah, KSA, 1998.
- 77- Negm, A.M., Hydraulic Performance of Rectangular and Radial Stilling Basins, Proc. 4th ICHE-2000, Published on CD ROM and Booklet of abstracts, Sep. 26-29, 2000, Souel, Korea, and on internet site <http://kfki.baw.de/conferences/iche/2000-seoul/html/sess.html>).
- 78- Negm A.M., Semi-Theoretical Approach For Detection Of Cavitation At Steps In Sloping Stilling Basins-Hydraulic Jump Type, Engineering Bulletin, Faculty of Engineering, Ain Shames University, Faculty of Engineering,, Cairo, Egypt, Vol. 36, No.3, Sept. 2001, 89-102, (The draft was published in the Proc. 4th ICHE-2000, Published on CD ROM and Booklet of abstracts, Sep. 26-29, 2000, Souel, Korea, and on internet site <http://kfki.baw.de/conferences/iche/2000-seoul/html/sess.html>).



- 79- Negm, A.M., Characteristics of Jumps in Case of Symmetric and Un-symmetric Operations of Regulators, Proc. 4th ICHE-2000, Published on CD ROM and Booklet of abstracts, Sep. 26-29, 2000, Souel, Korea, and on internet site (<http://kfki.baw.de/conferences/iche/2000-seoul/html/sess.html>).
- 80- Negm, A.M., Generalization of Belanger Equation, Proc. 4th ICHE-2000, Published on CD ROM and Booklet of abstracts, Sep. 26-29, 2000, Souel, Korea, and on internet site (<http://kfki.baw.de/conferences/iche/2000-seoul/html/sess.html>).
- 81- Ezzeldin, M.M., Negm, A.M., and Attia, M.I., Forced Hydraulic jump at vertical sill: Characteristics of minimum B-jump, Engineering Research Journal, Faculty of Engineering, Hellwan University, Mataria, Cairo, Egypt, Vol..70, August 2000, pp.1-21.
- 82- Ezzeldin, M.M., Negm, A.M., and Attia,M.I., Experimental Investigation on the Hydraulic Jump in Sloping Rectangular Closed Conduits, Alex. Eng. Journal, Faculty of Eng., Alex. Univ., Egypt, Vol. 39, No.5 Sep. 2000, Sept. 2000, pp. 763-775.
- 83- Ezzeldin, M.M., Negm, A.M., And Attia, M.I., Experimental Investigation On The Hydraulic Jump In Adversely Sloping Rectangular Closed Conduits, Alex. Eng. Journal, Faculty of Eng., Alex. Univ., Egypt, Vol. 39, No.5 Sep. 2000, Sept. 2000, pp. 751-762.

Year 2001

- 84- Negm, A.M., Flow Characteristics at Asymmetric Sudden Contraction , Proc. of international Water Technology Conference, IWTC-VI 2001, Alex., Egypt, March 23-25, 2001, pp.5-19, http://www.maxpages.com/iwtcivegypt/PROGRAM_2001.



- 85- Negm, A.M., Abdel-Aal, G.M. and Salem, M.N., Characteristics of Submerged Flow Below Gate With Sill in Non-Prismatic Channels, Proc. Of IWTC-VI 2001, Alex., Egypt, March 23-25, 2001, pp.77-89, http://www.maxpages.com/iwtcivegypt/PROGRAM_2001.
- 86- Alhamid, A.A, Negm, A.M., Abdel-Aal, G.M. and Matin, M.A., Effect of Taildepth Variation on Submerged Supercritical Flow Below Silled Gates, CERM, Faculty of Engineering, Al-Azhar University, Cairo, Egypt, Jan. 2001 , Vol. 23, No.1, pp.199-220.
- 87- Negm, A.M., Empirical Prediction of Characteristics of Hydraulic Jumps in Abruptly Expanding Smooth Stilling Basins: (R- and S- Jumps), Scientific Bulletin, Faculty of Engineering, Ain Shames University, Faculty of Engineering,, Cairo, Egypt, Vol. 36, No.3, Sept. 2001, 103-118.
- 88- Negm, A.M., Discharge Characteristics of Submerged Flow Below Vertical Gate US Horizontal Radial Stilling Basin With Transverse Sill”, Engineering Research Journal, Faculty of Engineering, Helwan University, Mataria, Cairo, Egypt, Vol. 76, August 2001, pp. 25-37.

Year 2002 (On ZU system)

- 89- Negm, A.M., Al-Brahim, A.M., and Alhamid, A.A., “Combined Flow Over Weirs and Under Gates”, Journal of Hydraulic Research, 2002, Vol.40, no.3, pp.359-366.
- 90- Negm, A.M., Discussion of “Analysis and Formulation of Flow Through Combined V-Notch-Gate-Device”, Journal of Hydraulic Research, Vol.40, no.6, 2002, pp. 755-765.
- 91- Al-Brahim, A.M., Negm, A.M. and Ibrahim, A.A., “Pressure Fluctuations



- on Semi-Circular Inflatable Dam Model”, The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 6, No.1, Jan., 2002, pp.39-52.
- 92- Alhamid, A.A., Negm, A.M., Abdel-Aal, G.M., and Matin, M.A., “Effect of Submergence and Slopes of under-gate sill on discharge characteristics of submerged Subcritical Flow”, The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 6, No.1, Jan., 2002, pp.61-82.
- 93- Negm, A.M., “Prediction of Hydraulic Parameters of Expanding Stilling Basins Using Artificial Neural Networks”, The Egyptain Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 6, No.1, Jan., 2002, pp. 1-24.
- 94- Negm, A.M., Abdel-Aal, G.M., Saleh, O.K. and Saudia, M.F., “Effect of Supercritical Flow on Scour Characteristics Downstream of Sudden Expanding Stilling Basins”, The Egyptian Journal For Engineering Sciences and Technology, (EJEST Journal), Faculty of Eng., Zagazig University, Zagazig, Egypt, Vol. 6, No.1, Jan., 2002, pp.129-142. (Also in Proc. of 5th Int. Conf. on Hydro-Science and Engineering, Sep. 18-21, Published on CD-ROM Warsw, Poland, and on internet site (<http://kfki.baw.de/conferences/iche/2002-warsaw/html>)).
- 95- Negm, A.M., “Optimal Roughened Length of Prismatic Stilling Basins”, Proc. of 5th Int. Conf. on Hydro-Science and Engineering, Sep. 18-21, Published on CD-ROM Warsw, Poland, and Web site (<http://kfki.baw.de/conferences/iche/2002-warsaw/html>).
- 96- Negm, A.M., “Modeling of Submerged Simultaneous Flow Through Combined Weirs and Gates Devices”, Proc. of 5th Int. Conf. on Hydro-Science



and Engineering, Sep. 18-21, Published on CD-ROM, Warsw, Poland, and on Internet Site (<http://kfki.baw.de/conferences/iche/2002-warsaw/html>).

- 97- Negm, A.M., “Analysis and Modeling of Simultaneous Flow Through Box Culverts and Over Contracted Broad-Crested Weirs”, Proc. of 5th Int. Conf. on Hydro-Science and Engineering, Sep. 18-21, Published on CD-ROM Warsw, Poland, and Web Site (<http://kfki.baw.de/conferences/iche/2002-warsaw/html>). Revised version re-published in Proc. of 7th Int. Conf. on Water Technology (IWTC’2003), June 3-5, 2003, Cairo, pp. 765-778. Web Site: http://www.maxpages.com/iwtcivegypt/Program_and_papers_2003.
- 98- Negm, A.M., “Analysis and Modeling of River Flow at Asymmetric Contraction”, Proc. of 5th Int. Conf. on Hydro-Science and Engineering, Sep. 18-21, Published on CD-ROM Warsw, Poland, and on internet site(<http://kfki.baw.de/conferences/iche/2002-warsaw/html>).
- 99- Negm, A.M., Abdel-Aal, G.M., Elfiky, M.M. and Mohamed, Y.A., “Hydraulic Characteristics of Submerged Flow in Non-Prismatic Stilling Basins”, Al-Mansoura Engineering Journal, Faculty of Engineering, Al-Mansoura University, Egypt, Vol.28, No. 2, March 2002, (The draft was published in Proc. of 5th Int. Conf. on Hydro-Science and Engineering, ICHE2002, Sep. 18-21, 2002, Published on CD-ROM Warsw, Poland (<http://kfki.baw.de/conferences/iche/2002-warsaw/html>)).
- 100- Ibrahim, A.A., Negm, A.M., El-Saiad, A.A. and Abdel-Aal, G.M., “Artificial Neural Network Model For Predicting Discharges Over Weirs of Finite Crest Widths”, Al-Mansoura Engineering Journal, Faculty of Engineering, Al-Mansoura University, Egypt, Vol.27, No.4., 2002, pp.C60-C74.
- 101- Elfiky, M.M., Negm, A.M., Owais, T.M. and Nassar, M.H., “A 2-D Model



- Simulating Sediment Transport in Shallow-Wide Streams (SED-2)”, Proc. of 5th Int. Conf. on Hydro-Science and Engineering, Sep. 16-21, Published on CD-ROM Warsw, Poland, and Web site (<http://kfki.baw.de/conferences/iche/2002-warsaw/html>). (Also published in Proc. of 6th Int. River Engineering, 28-30 Sept., Ahvaz, Iran, Published on CD ROM, 2003).
- 102- Negm, A.M., Ibrahim, and A.A., El-Saiad, A.A., Al-Brahim, A.M., “Flow Resistance Due to Cylindrical Piles”, Proc. of 5th Int. Conf. on Hydro-Science and Engineering, Sep. 18-21, Published on CD-ROM Warsw, Poland, and Web site (<http://kfki.baw.de/conferences/iche/2002-warsaw/html>). Revised version re-published in Port Said J., Vol.7, No.1, March 2003, pp201-212,
- 103- Negm, A.M., Abdel-Aal, G.M., Elfiky, M.I. and Mohamed, Y.A., “Theoretical and Experimental Evaluation of the Effect of End Sill on Characteristics of Submerged Radial Hydraulic Jump”, Scientific Bulletin, Faculty of Engineering, Ain Shames University, Faculty of Engineering,, Cairo, Egypt, Vol. 37, No.4, 2002, pp. 221-234.
- 104- Negm, A.M., Saleh, O.K. and Ibrahim, A.A., “Application of Artificial Neural Networks to Predict Flow Rates Below Vertical Sluice Gates”, Engineering Research Journal, Faculty of Engineering, Helwan University, Mataria, Cairo, Egypt, Vol. 79, Feb. 2002, pp. 68-82.
- 105- Negm, A.M., “Generalized ANN Model For Discharge Below Silled-Sluice-Gate in Prismatic Rectangular Channels”, Proc. of 2nd Minia Int. Conf. For Advanced Trends in Engineering, (MICATE’2002), Faculty of Engineering, El-Minia University, El-Minia, Egypt, , April 7-9, 2002, pp.284-295.
- 106- Negm, A.M., “Experimental Investigation on Simultaneous Flow Through Combined Box Culverts and Over Contracted Broad-Crested Weirs”, Proc. of



- 2nd Minia Int. Conf. For Advanced Trends in Engineering (MICATE'2002), Faculty of Engineering, El-Minia University, El-Minia, Egypt, , April 7-9, 2002, pp.296-306.
- 107- Negm, A.M., “Modeling of Hydraulic Jumps in Sloping Rectangular Closed Conduits”, Proc. of 2nd Minia Int. Conf. For Advanced Trends in Engineering, (MICATE'2002), Faculty of Engineering, El-Minia University, El-Minia, Egypt, , April 7-9, 2002, pp.307-318.
- 108- Negm, A.M. and Shouman, M.A., “Artificial Neural Network Model for Submerged Hydraulic Jump Over Roughened Floor”, Proc. of 2nd Minia Int. Conf. For Advanced Trends in Engineering, (MICATE'2002), Faculty of Engineering, El-Minia University, El-Minia, Egypt, , April 7-9, 2002, pp.319-330.
- 109- Negm, A.M., “Effect of Asymmetric Gradual Contraction on Discharge Characteristics of River Flow”, Proc. of Int. Symp. On Environmental Hydrology, ASCE-ES, Cairo, April 8-10, 2002, Published on CD ROM.
- 110- Negm, A.M., Saleh, O.K., and Ibrahim, A.A., “Application of ANN in Modeling Maximum Bed Velocity Over Riprap Layers DS Hydraulic Structures Under Hydraulic Jump Conditions”, Proc. of Int. Symp. On Environmental Hydrology, ASCE-ES, Cairo, April 8-10, 2002, Published on CD ROM.
- 111- Negm, A.M., Ibrahim, A.A., Abdel-Aal, G.M. and El-Saiad, A.A., “Modeling of Characteristics of Hydraulic Jumps at Asymmetric Sudden Expansions and Symmetric Divergence Using Artificial Neural Networks”, Scientific Bulletin, Faculty of Engineering, Ain Shames University, Faculty of Engineering,, Cairo, Egypt, Vol. 37, No.4, 2002, pp. 195-219.
- 112- Negm, A.M., Saleh, O.K., Abdel-Aal, G.M. and Saudia, M.F.,



“Investigating Maximum Scour Depth DS of Abruptly Enlarged Stilling Basins With Limited Lateral Sills”, Proceedings of the International Conference on Fluvial Hydraulics, 4-6 September 2002, (Riverflow 2002), Louvain-la-Neuve, Belgium, D. Bousmar & Y. Zech, Editors, Swets & Zeitlinger, Lisse, The Netherlands, ISBN 90 5809 509 6). Revised version re-published in AEJ, Faculty of Eng., Alex. University, Alex., Egypt, Vol.42, No.1, 2003, pp77-87.

Year 2003

- 113- Negm, A.M., Ibrahim, A.A., El-Saiad, A.A. and Al-Brahim, A.M., “Flow Resistance Due to Non-Vertical Non-Rigid Vegetation in Open Channels”, Port Said J, Vol.7, No.1, March 2003, pp.190-200.
- 114- Negm, A.M., Abdel-Aal, G.M., Owais, T.M. and Habib, A.A., “Theoretical Modeling of Free Hydraulic Jumps at Negative Step in Radial Stilling Basins”, Proc. of 6th Int. Conf. on River Engineering, Ahvaz, Iran, Jan. 28-30, 2003, Published on CD-ROM.
- 115- Negm, A.M., Abdel-Aal, G.M., Saleh, O.K. and Saudia, M.F., “Prediction of Maximum Scour Depth Downstream of Sudden Expanding Stilling Basins Using Artificial Neural Networks”, Proc. of 6th Int. Conf. on River Engineering, Ahvaz, Iran, Jan. 28-30, 2003, Published on CD-ROM and Booklet of Abstracts (Proc. of 7th Alazhar Engineering Int. Conf. (AEIC’2003), April 7-10, Faculty of Engineering, Alazhar University, Naser City, Cairo, Egypt, 2003).
- 116- .Negm, A.M., Abdel-Aal, G.M., Elfiky, M.M. and Mohamed, Y.A., “Modeling of Hydraulic Characteristics of Submerged Hydraulic Jump in Non-Prismatic Stilling Basins Using ANNs”, Proc. of 6th Int. Conf. on River Engineering, Ahvaz, Iran, Jan. 28-30, 2003, Published on CD-ROM.
- 117- Saleh, O.K., Negm, A.M., Waheed-Eldin, O.S. and Ahmad, N.G., “Effect



- of End Sill on Scour Characteristics Downstream of Sudden Expanding Stilling Basins”, Proc. of 6th Int. Conf. on River Engineering, Ahvaz, Iran, Jan. 28-30, 2003, Published on CD-ROM. (Also Published in the Proc. Of IWTC 2004.).
- 118- Negm, A.M., Elfiky, M.M., Owais, T.M. and Nassar, M.H., “Prediction of Suspended Sediment Concentration in River Flow Using Artificial Neural Networks”, Proc. of 6th Int. Conf. on River Engineering, Ahvaz, Iran, Jan. 28-30, 2003, Published on CD-ROM.
- 119- Negm, A.M., Abdel-Aal, G.M., Elfiky, M.I. and Mohamed, Y.A., “Characteristics of Submerged Hydraulic Jump in Radial Basins with a Vertical Drop in the Bed”, AEJ, Faculty of Eng., Alex. University, Alex., Egypt, Vo.42, No.1, 2003, pp. 65-76.
- 120- Owais, T.M., Negm, A.M., Abdel-Aal, G.M. and Habib, “Prediction of The Characteristics of Free Radial Hydraulic B-Jumps Formed At Sudden Drop Using ANNs”, Proc. of 7th Int. Conf. on Water Technology (IWTC’2003), April 1-4, 2003 (postponed to June 3-5, 2003), Cairo, pp. 673-686, Web Site: http://www.maxpages.com/iwtcivegypt/Program_and_papers_2003.
- 121- Habib, A.A., Abdel-Aal, G.M., Negm, A.M. and Owais, T.M., “Theoretical Modeling Of Hydraulic Jumps In Radial Stilling Basins Ended With Sills”, Proc. of 7th Int. Conf. on Water Technology (IWTC’2003), April 1-4, 2003 (postponed to June 3-5, 2003), Cairo, pp. 619-630. Web Site: http://www.maxpages.com/iwtcivegypt/Program_and_papers_2003.
- 122- Negm, A.M., Abdel-Aal, G.M., Owais, T.M., and Habib, A.A., “Investigation Of B-Jump Negative Step In Radial Stilling Basins”, Proc. of 7th Int. Conf. on Water Technology (IWTC’2003), April 1-4, 2003 (postponed to June 3-5, 2003), Cairo, pp. 659-672. Web Site:



http://www.maxpages.com/iwtcivegypt/Program_and_papers_2003.

- 123- Abdel-Aal, G.M., Negm, A.M., Owais, T.M. and Habib, A.A., “Theoretical Modeling of Hydraulic Jumps at Negative Step In Radial Stilling Basins With End Sill”, Proc. of 7th Int. Conf. on Water Technology (IWTC’2003), April 1-4, 2003 (postponed to June 3-5, 2003), Cairo, pp. 631-645, Web Site: http://www.maxpages.com/iwtcivegypt/Program_and_papers_2003
- 124- Negm, A.M., “Analysis and Formulation of Hydraulic Jumps in Sloping Rectangular Closed Conduits”, Proc. of 7th Int. Conf. on Water Technology (IWTC’2003), April 1-4, 2003 (postponed to June 3-5, 2003), Cairo, pp. 647-658. Web Site: http://www.maxpages.com/iwtcivegypt/Program_and_papers_2003.
- 125- Negm, A.M., Abdel-Aal, G.M. and Habib, A.A. “Effect of Location of Negative Step on Hydraulic Characteristics of Jumps in Radial Basins Under Free Flow Conditions”, Proc. of 7th Alazhar Engineering Int. Conf. (AEIC’2003), April 7-10, Faculty of Engineering, Alazhar University, Naser City, Cairo, Egypt, 2003.
- 126- Negm, A.M., Elfiky, M.M., Attia, M.I. and Ezzedin, M.M., “Energy Loss Due To Sudden Contraction Through Transition Length In Sloped Open Channels”, Proc. of 7th Alazhar Engineering Int. Conf. (AEIC’2003), April 7-10, Faculty of Engineering, Alazhar University, Naser City, Cairo, Egypt, 2003.
- 127- Negm, A.M., Elfiky, M.M., Attia, M.I. and Ezzedin, M.M.. “Protection Length Downstream Of Sudden Transition For Incoming Subcritical Flow”, Proc. 1st Int. Conf. of Civil Eng. Science (ICCES1’2003), 7-8 Oct. 2003, Assuit, Egypt.
- 128- Negm, A.M., Shouman, M.A. and Abdel-Gawad, A.F., “Performance



Evaluation of Artificial Neural Networks Softwares in Prediction of Hydraulic Data”, Proc. of 7th Alazhar Engineering Int. Conf. (AEIC’2003), April 7-10, Faculty of Engineering, Alazhar University, Naser City, Cairo, Egypt, 2003. (Also Published in the Proc. 6th Int. Conf. On Hydroinformatics, June 21-24, 2004, Singapore).

- 129- Negm, A.M., Abdel-Aal, G.M., Habib, A.A. and Owais, T.M. “Effect Of Multiple Steps Versus Single Step On The Performance Of Radial Stilling Basins Under Free Hydraulic A-Jump Conditions”, Proc. 1st Int. Conf. of Civil Eng. Science (ICCES1’2003), 7-8 Oct. 2003, Assiut, Egypt.
- 130- Saleh, O.K., Negm, A.M. and Ahmad, N.G., “Improving Asymmetric Scour Patterns Downstream Of Sudden Expanding Stilling Basins Using Symmetric Side Sills”, Proc. 1st Int. Conf. of Civil Eng. Science (ICCES1’2003), 7-8 Oct. 2003, Assiut, Egypt.

Papers Published During after Professorship promotion

- 131- Saleh, O.K., Negm, A.M. and Ahmad, N.G., “Effect of Asymmetric Side Sill on Scour Characteristics downstream of Sudden Expanding Stilling Basins”, Proc. of 7th Alazhar Engineering Int. Conf. (AEIC’2003), April 7-10, Faculty of Engineering, Alazhar University, Naser City, Cairo, Egypt, 2003. (Also Published in the Proc. of 6th Int. Conf. On Hydro-Science and Engineering, 30 - 4 June, 2004, Cairns, Australia, ICHE2004)
- 132- Negm, A.M., Abdel-Aal, G.M., Habib, A.A. and Owais, T.M. “Effect Of End Sill In Radial Basin On Characteristics Of Free Hydraulic Jumps”, Proc. 1st Int. Conf. of Civil Eng. Science (ICCES1’2003), 7-8 Oct. 2003, Assiut, Egypt. (Also Published in the Proc. of 6th Int. Conf. On Hydro-science and Engineering, 30 - 4 June, 2004, Cairns, Australia, ICHE2004)



- 133- Negm, A.M, “Variations And Correlation Of Roughness Indices Of Non-Vertical Non-Rigid Partially Submerged Vegetation In Open Channels”, Proc. 1st Int. Conf. of Civil Eng. Science (ICCES1’2003), 7-8 Oct. 2003, Assiut, Egypt. (Also. Published in the Proc. of 6th Int. Conf. On Hydro-science and Engineering, 30 - 4 June, 2004, Cairns, Australia, ICHE2004

Year 2004

- 134- Negm, A.M. and Alshaikh, A., “Modeling of Evaporation Rates in Arid Regions Using Artificial Neural Networks”, University Putra Malaysia Press., Pertanika J. Sci & Technol., Vol. 12, No.2, pp.173-188, 2004.
- 135- Negm, A.M, “Variations And Correlation Of Roughness Indices Of Non-Vertical Non-Rigid Fully Submerged Vegetation In Open Channels”, Proc. of 2nd Int. Conf. On Fluvial Hydraulics June 23-25, 2004, Naples, Italy, Riverflow 2004.
- 136- Elfiky, M.M., Negm, A.M., Attia, M.I, Nassar, M.H., “Study Of Navigation Requirements in The Nile River At Elbogdady Area Using A 2-D Sediment Transport Model”, Proc. of 2nd Int. Conf. On Fluvial Hydraulics June 23-25, 2004, Naples, Italy, Riverflow 2004.
- 137- Negm, A.M., “Effect Of Sill Arrangement On Maximum Depth Of Scour Downstream Of Abruptly Enlarged Stilling Basins”, Proc. of Int. Conf. On Hydraulics of Dams and River Hydraulics, April 26-28, 2004, Tehran, Iran (www.hdrs.pwit.ac.ir)., Also Presented at IWTC2004
- 138- G.M. Abdel-Aal, M.M. Elfiky and A.M. Negm, “Analysis Of Free Hydraulic Jump Characteristics Ds Multi-Vent Regulators”, Sci. Bull., Fac. Of Eng., Ain Shams Univ., Vol. 39, No. 4, 2004.

Year 2005



- 139- Negm, A.M., Abdel-Aal, G.M., Owais, T.M., Habib, A.A., “Theoretical Modeling Of Hydraulic Jump At Bottom Rises In Radial Stilling Basins With End Sills”, Proc. Of Minia 3rd International Conference for Advanced Trends in Engineering (MICATE2005), April 3-5, 2005.
- 140- G.M. Abdel-Aal, Elfiky M.M., A.M. Negm and M.A. Nasser, “Effect Of Management And Operation On Scour Characteristics Ds Of Multi Vent Regulators”, Sci. Bull., Fac. Of Eng., Ain Shams Univ., Vol. 39, No. 4, 2004, 385-400. (Also presented and published in Proceedings of Minia 3rd International Conference for Advanced Trends in Engineering (MICATE2005), April 3-5, 2005).
- 141- Negm, A.M., Elfiky, M.M., Owais, T.M., and Nassar, M., “Study of the Scouring Problems at Nile River Reach US of the New Esmaelia Canal Intake Using A 2-D Model (SED-2), Minia 3rd International Conference for Advanced Trends in Engineering (MICATE2005),, April 3-5, 2005.
- 142- Boraey, A., Ghoniem, A., Helmy, A. Negm, A.M., Owais, T.M., “Educational Software for Experimental Hydraulics: I- Frictional losses in pipes”, Proc. of the 8th AIEC, Dec. 24-27, 2004 and published in AUEJ, Vol.8, No.1, Jan. 2005.

Year 2006

- 143- Negm, A.M. and Saleh, O.K., "Modelling of Riprap Protection Downstream of Hydraulic structures Using ANN", Proc. Of 10th IWTC2006, 23-25 March 2006, Alex., Egypt, 267-280.
- 144- Negm, A.M., Abdel-Aal, G.M., Elfiky, M.M., and Mohamed, Y.A., "Effects of Multi-Gates Operations on Bottom Velocity Pattern Under Submerged Flow Conditions", Proc. Of 10th IWTC2006, 23-25 March 2006, Alex., Egypt, 957-970.



Year 2007

- 145- Negm, A.M., Minimization of Scour DS of Radial Stilling Basin”, Proc. Of 11th IWTC2007, 15-18 March 2007, Sharm Elsheikh, Egypt, (www.iwtc.tk). [The author got the second award for the best paper in the field of hydraulics and hydraulic structures \(PRINCE SULTAN BIN ABUDULAZIZ International Prize for Water\)](#)
- 146- Negm, A.M., Abdel-Aal, G.M., Elfiky, M.M., and Mohamed, Y.A., "Effects of Multi-Gates Regulators Operations on Downstream Scour Pattern Under Submerged Flow Conditions", Proc. Of 11th IWTC2007, 15-18 March 2007, Sharm El-Sheikh, Egypt.
- 147- Negm, A.M., Elfiky, M.M., Owais, T.M. and Nassar, M.H, “Modeling of Suspended Sediment in Nile River Using ANN”, Proc. Of 2nd Int. Conf. on Software and Data Technologies, ICSOFT2007, July 22-25, 2007, Barcelona, Spain.
- 148- Negm, A.M., Modeling of Hydraulic Data Using ANN and MLR, Proc. Of 37th Int. Conf. on Computers and Industrial Engineering, CIE37, Alex., Egypt., October 20-23, 2007.

Year 2008

- 149- A. M. Negm, G. M. Abdel-Aal, M. M. Elfiky and Y. A. Mohamed, Optimal Position of Curved Deflector to Minimize Scour Downstream of Multi-Vents Regulators, Proc. Of 10th IWTC2008, 27-30 March 2008, Alex., Egypt (www.iwtc.tk), [The authors got the first award for the best paper in the field of hydraulics and hydraulic structures \(PRINCE SULTAN BIN ABUDULAZIZ International Prize for Water\)](#)
- 150- Ali, A.M.,. El-Gamal, M.H., Negm, A.M Helwa, M.F., and Saad, M.B.,



Investigation of Flow Characteristics Downstream of Radial Gates of Naga Hammadi Barrage Physical Model, Proc. Of 10th IWTC2008, 27-30 March 2008, Alex., Egypt (www.iwtc.tk)

- 151- Negm, A.M., “Systematic Steps to Statistical Modeling of Laboratory Hydraulic Data”, Proc. Of Int. Conf. on Engineering Education Laboratories, Garyounis University, Benghazi, Libya, April 28-30, 2008.
- 152- Negm, A.M., “Use of ANN to Analyze and Model Laboratory Hydraulic Data”, Proc. Of Int. Conf. on Engineering Education Laboratories, Garyounis University, Benghazi, Libya, April 28-30, 2008.
- 153- Negm, A.M. and Nassar, M., “Role of Computers in Water and Environmental Engineering Education”, Proc. Of Int. Conf. on Engineering Education Laboratories, Garyounis University, Benghazi, Libya, April 28-30, 2008.
- 154- Negm, A.M., Boraey, A., Ghoneim, G., Helmy, A. and Owais, T.M., “Facilities Evaluation of Zagazig University Hydraulic Laboratory: Problems and Proposed Solutions”, Proc. Of Int. Conf. on Engineering Education Laboratories, Garyounis University, Benghazi, Libya, April 28-30, 2008.
- 155- Eldrandaly, K., and Negm, A.,” Performance Evaluation of Gene Expression Programming for Hydraulic Data Mining”, International Arab Journal of Information Technology, Vol.5, no. 2, April 2008 (www.iajit.org).
- 156- HF Abd-Elhamid, AA Javadi, AM Negm, AE Elalfi, TM Owais, Development of an Expert System for Maintenance and Repair of Masonry Barrages, Proc of int. conf. on Intelligent Computing in Engineering, ICE08, 212-221, 2008.



- 157- Ali, A.M., El-Gamal, M.H., Negm, A.M Helwa, M.F., and Saad, M.B., Investigation of Flow and Scour Characteristics Downstream of Radial Gates of A Barrage Physical Model, Proc. of Riverflow 2008, Turkey, Sep. 3-5, 2008. (www.riverflow2008.org)
- 158- Ibraheem, A.A., **Negm**, A.M., Ali, A.M., Effect of Height of Curved Deflector on Maximum Local Scour Downstream of Multi-Vents Regulators, Alex. Eng. Journal, Alexandria, Egypt, Vol. 47, No. 4, pp. 355-367, July 2008.
- 159-
- 160- Yasser, A.M., Abdelaal, G.M., **Negm**, A.M., Fathy, A., " Effect Of Triangular Collar Width On Local Scour At Bridge Pier Under Very Low Froude Numbers", Proceedings of ICFDP9: Ninth International Congress of Fluid Dynamics & Propulsion, December 18-21, 2008, Alexandria, Egypt.
- 161- Abdelaal, G.M., **Negm**, A.M., Owais, T.M., Shaheen, M., " Effect of Side Slopes of Trapezoidal Channel on Maximum Scour Depth Downstream of Transition", Proceedings of ICFDP9: Ninth International Congress of Fluid Dynamics & Propulsion, December 18-21, 2008, Alexandria, Egypt.
- 162- Ali, A.M., El-Gamal, M.H., **Negm**, A.M Helwa, M.F., and Saad, M.B., "Effect of End Step on Flow Characteristics Downstream of Radial Gates In Stilling Basin of Naga Hammadi Barrage Physical Model", Proceedings of ICFDP9: Ninth International Congress of Fluid Dynamics & Propulsion, December 18-21, 2008, Alexandria, Egypt

Year 2009

- 163- Ibraheem, A.A., **Negm**, A.M., Ali, A.M., Effect of Height of Curved Deflector on Maximum Near-Bed-Velocity Downstream of Multi-Vents Regulators, Proc. of 7th International Symposium on Environmental Hydraulics (ISE) Chile, Jan. 2009.



- 164- Negm, A.M., Modeling of Hydraulic Jumps Formed at Drops Using Anns, Proc. of 8th Hydroinformatics International Conference (HIC), Chile, Jan. 2009.
- 165- **Negm**, A.M., Abdel-Aal, G.M., Abdallalla, Y.M., and Fathy, A.A., Optimal Shape of Collar to minimize Local Scour Around Bridge Piers, Prof. of IWTC13, 12-15 March 2009, Hurghada, Egypt.
- 166- **Negm**, A.M., Abdel-Aal, G.M., Abdallalla, Y.M., and Fathy, A.A., Control of Local Scour Around Bridge Piers Using Current Deflector, Proc. of IWTC13, 12-15 March 2009, Hurghada, Egypt.
- 167- **Negm**, A.M., Abdel-Aal, G.M., Elfiky, M.M., and Abdallalla, Y.M., Optimal Waterway Passage in Submerged Curved Deflector For Minimization of Local Scour, Proc. of IWTC13, 12-15 March 2009, Hurghada, Egypt.
- 168- Ali, A.M., **Negm**, A.M., El-Gamal, M.H., Hlwa, M.F. and Saad, M.B., Submerged Flow Characteristics in a Pool-Type- Stilling Basin, Proc. of IWTC13, 12-15 March 2009, Hurghada, Egypt.
- 169- **Negm**, A.M. Abdelaal, G.M., Elfiky, M.I. and Abdallah, Y.A., Effect of Width And Orientation of Curved Hollowed Deflector on Maximum Scour Depth Downstream of Multi-Vents Regulators, Proc. of 6th Int. Conference on Environmental Hydrology and 1st symp. on Coastal and Port Engineering, 28-30 Sep. 2009, ASCE-Eg, Cairo.
- 170- Abdel-Aal, G.M., **Negm**, A.M., Owais, T.M. and Shaheen, S., Effect Of



Guidewall Position on Local Scour Downstream of Stilling Basins In Trapezoidal Channels, Proc. of 6th Int. Conference on Environmental Hydrology and 1st Symp. on Coastal and Port Engineering, 28-30 Sep. 2009, ASCE-Eg, Cairo.

171- Abdel-Aal, G.M., **Negm**, A.M., Saleh, O.K. and Sauda, M.F., Flow Separation Downstream of Main Barrages, Proc. of 6th Int. Conference on Environmental Hydrology and 1st symp. on Coastal and Port Engineering, 28-30 Sep. 2009, ASCE-Eg, Cairo.

172- Abdel-Aal, G.M., **Negm**, A.M., Saleh, O.K. and Sauda, M.F, Analysis And Prediction Of Submerged Hydraulic Jump Characteristics Downstream Of Main Barrages, Proc. Of 6th Int. Conference on Environmental Hydrology and 1st symp. on Coastal and Port Engineering, 28-30 Sep. 2009, ASCE-Eg, Cairo.

173- Nassar, M.A., Ibrahim, A.A., **Negm**, A.M., Modeling of Local Scour Down Stream of Hydraulic Structures Using Support Vector Machines (Svms), Proc. of 6th Int. Conference on Environmental Hydrology and 1st symp. on Coastal and Port Engineering, 28-30 Sep. 2009, ASCE-Eg, Cairo. **(prize of the best paper)**

174- **Negm**, A.M., Abdulaziz, T., And Fathy, I., Predication of Velocity Distribution In High Aswan Dam Reservoir Using CCHE2D Simulation Model, Proc. of 6th Int. Conference on Environmental Hydrology And 1st Symp. on Coastal and Port Engineering, 28-30 Sep. 2009, ASCE-Eg, Cairo, <http://www.geocities.com/mrconference/VI.IntConf.September2009.htm>

Year 2010

175- Elfiky, M. M., **Negm**, A. M., Owais, T. M., Nassar, MA, " Computational



models for analyzing scouring problems at Nile River", Proceedings of the 9th International Conference on Hydrodynamics, October 11-15, 2010 Shanghai, China (www.icd2010.org.ch)

- 176- Ali, A.M, Nassar, M.A., Ibraheem, AA, **Negm, A.M** , Effect Of Position Of Continuous Sill On Velocity Distribution And Velocity Decay Under Submerged Hydraulic Jump Conditions, ICFD10, December 16-19, 2010, Stella Di Mare Sea Club Hotel, Ain Soukhna, Red Sea, Egypt
- 177- **Negm, A.M.**, Tarek Abdulaziz, Nassar M.A., and Ismail Fathy, " Predication of life time span of High Aswan Dam reservoir using CCHE2D simulation model", Fourteenth International Water Technology Conference, **IWTC 14**, 21-23 March, 2010, Cairo , Egypt

Year 2011

- 178- Sayed M. Ramadan, **Abdelazim M. Negm** and Talaat M. Owais , " Effect of new upper Nile projects on the Integrated management of the basin: review and methodology", Fifteen International Water Technology Conference, IWTC 15, 28-30 May, 2011, Alex., Egypt
- 179- **Abdelazim M. Negm**, Tarek M.Abdel-Aziz, Mohamed N. Salem and Wessam Yousef , "Impact Of Future Discharges On Damietta Branch Morphology" Fifteen International Water Technology Conference, IWTC 15, 28-30 May, 2011, Alex., Egypt

Year 2011-2012

I was busy as a candidate for Presidential Election, see the Wikipedia in English.

Year 2013

- 180- Ayman K. Allam, **Abdelazim M. Negm**, Suitability of Drainage Water Reuse in Irrigation at the End of the Irrigation Networks, Kafr El-



Shiekh Governorate of Egypt, IWTC17, Nov. 5-7, 2013, Istanbul, Turkey.

- 181- Dawoud, W. A. , Negm, A.M., Bady, M., and Saleh, N.M. (2013) “Environmental impact assessment of abundant lead landfill on groundwater and soil quality” Seventeenth International Water Technology Conference, IWTC17Istanbul, Turkey. Also, transferred to IWTJ, March, 2014.
- 182- Ahmed Alkafoury, Waled A. Dawoud, Abdelazim M. Negm, Mahmoud Bady and Mohamed Hafez F. Aly, Framework For Evaluating The Impact of Urban Transportation Gaseous Emissions On Groundwater Quality, IWTC17, Nov. 5-7, 2013, Istanbul, Turkey. IWTJ, Jan. 2014.
- 183- A.El-Adawy, A.M. Negm, M. A.Elzeir, O.C. Saavedra, I.A. El-Shinnawy and K. Nadaoka, “ Modeling the hydrodynamics and salinity of El- Burullus Lake(Nile Delta, Northern Egypt)”, 3 rd International Conference on Future Environment and Energy- ICFEE 2013, Feb. 24-25, 2013, Rome, Italy Also, Published in Journal of Clean Energy Technologies, JO CET, Vol 1, Vo. 2, March 2013, pp. 157-163 (<http://www.icfee.org/>).
- 184- Ahmed Eladawy, Abdelazim M. Negm., Oliver C. SAAVEDRA Valeriano , Ibrahim A. Elshinway, “An Investigation of Exchange Rates and salinity in Burullus Lagoon System Through Hydrodynamic Modeling”, Int. Conf. in Integrated Management of Environment, 25-28 Sept., Hammamet, Tunisia, <http://www.icime.net/>. The draft was published in the 23 rd Int. Conf. “Environmental Protection is a Must”, May 11-13, 2013 , Alexandria.
- 185- Ahmed Elkafoury, Mahmoud Bady, Mohamed Hafez and **Abdelazim M. Negm**, “Emissions Modeling for Road Transportation in Urban Areas: State-of-Art Review”, 23rd, International Conference of Environmental Protection is a Must, 11 – 13 May 2013 Alexandria
- 186- A. El-Adawy, **A.M. Negm**, M. A. Elzeir, O.C. Saavedra, I. A. El-



- Shinnawy and K. Nadaoka, “Modeling the hydrodynamics and salinity of El-Burullus Lake (Nile Delta, Northern Egypt)”, 3rd International Conference on Future Environment and Energy-ICFEE 2013, Feb. 24-25, 2013, Rome, Italy, .Also, Published in Journal of Clean Energy Technologies, JO CET (ISSN: 1793-821X) (<http://www.icfee.org/>).
- 187- A. El-Adawy, **A.M. Negm**, M. A. Elzeir, O.C. Saavedra, I. A. El-Shinnawy and K. Nadaoka, “Application of Hydrodynamic Modeling in Water Management a Coastal Shallow Lake”, Abstract only, 2nd Int. Conf. on Engineering and Applied Science (ICEAS 2013), Japan.
- 188- Sherien Samak, Mohamed H. Nassar, Gamal M. Abdel-Aal and **Abdelazim M. Negm**, Environmental Impact of Covering Irrigation Canals on Irrigation Water Quality - Case Study: Delta, Egypt”, 23rd Int. Conf. on “Environmental Protection is a Must”, May 11-13, 2013, Alexandria. Submitted to Impact Journals.
- 189- Sayed M. Ramadan, **Abdelazim M. Negm**, Moustafa Sammany, and Ahmed Helmy, “Environmental Impacts Of Great Ethiopian Renaissance Dam On The Egyptian Water Resources Management And Security”, 23rd Int. Conf. on “Environmental Protection is a Must”, May 11-13, 2013, Alexandria. Submitted to Impact Journals then to Oceanography 2014, Las Vegas, USA, 21-23 July, 2014 “Quantifying The Impacts Of Impounding Grand Ethiopian Renaissance Dam Reservoir On Nasser Lake Active Storage”.
- 190- Waled A. Dawoud, Ahmed I. Tawfik and **Abdelazim M. Negm**, “Prediction of Heavy Metals Migration in Swelling Clay”, 23rd Int. Conf. on “Environmental Protection is a Must”, May 11-13, 2013, Alexandria.
- 191- Ismail Fathy, Mohammed Nassar, Eman Al-Sayed, **Abdelazim M. Negm**, Magid El-Fiky, “Proposed Equations for Estimation of Lag Time And Peak Discharge to Protect Wadi Sudr in Sinai Peninsula From Flash Flood Hazards”, 23rd Int. Conf. on “Environmental Protection is a Must”,



May 11-13, 2013, Alexandria. Submitted to EIJEST in June 2014.
“Estimation of Lag Time And Peak Discharge of Flash Flood in in Wadi Sudr, Sinai Peninsula, Egypt”

- 192- Ahmed Alkafoury, Mahmoud Bady, Mohamed Hafez F. Aly and **Abdelazim M. Negm**, “Emissions Modeling for Road Transportation in Urban Areas: State-of-Art Review”, 23rd Int. Conf. on “Environmental Protection is a Must”, May 11-13, 2013, Alexandria.
- 193- Ali Masria, **Abdelazim Negm**, Moheb Iskander , Oliver Saavedra, “Enhancing Coastal Zone Stability around Rosetta Promontory in the Nile Delta Based on Flow Conditions”, IWTC17, Nov. 5-7, 2013, Istanbul, Turkey.
- 194- A.El-Adawy, A.M. Negm, M. A.Elzeir, O.C. Saavedra, I.A. El-Shinnawy , “Assessment of Climate Change Impacts on El- Burullus Lake , Egypt, Based on Hydrodynamic Modeling”, IWTC17, Nov. 5-7, 2013, Istanbul, Turkey. Also, published in IWTJ, Vo.3, No. 4, Dec. 2013, pp. 207-216.
- 195- Masria, A., **Negm, A.**, Iskander, M., & Saavedra, O. (2013). Numerical Simulation of Constructing Jetties to Stabilize Rosetta Inlet, Egypt. Seventeenth International Water Technology Conference, IWTC17, Istanbul, 5-7 November, Istanbul, Turkey, <http://iwtc.info/wp-content/uploads/2013/11/114.pdf>.
- 196- Ahmed Elkafoury, Waled Dawoud, Mahmoud Bady, **Abdelazim M. Negm** and Mohamed Hafez, “Framework for evaluating the impact of urban transportation gaseous emissions on groundwater quality”, 17th International Water Technology Conference , IWTC17, 5-7 November 2013, Istanbul.

Year 2014

- 197- Ayman K. Allam, Ahmed I. Tawfik, Ayman El-Saadi , and **Abdelazim M. Negm**, Agriculture Drainage Water Treatment Using Duckweed Ponds , IAC2014, 3-5 March, Cairo.



- 198- Masria, A. A., **Negm, A. M.**, Iskander, M. M., & Saavedra, O. C. , “ Hydrodynamic modeling of outlet stability case study Rosetta promontory in Nile delta. *Water Science*, 2014, 27(54), 39-47.
- 199- Masria, A. A., **Negm, A. M.**, Iskander, M. M., & Saavedra, O. C. , “ Numerical Investigation of the Impact of Jetties on Accretion Problem at Rosetta Promontory, Egypt .*International Journal of Environmental Science and Development*, Vol. 5, No. 6, December 2014, 510-516.
- 200- Masria, A., **Negm, A.**, Iskander, M., & Saavedra, O., Numerical Modeling Of Rosetta River Mouth, Egypt, *International Water Technology Journal*, Vol 4, Issue 3, Sept. 2014, 190-207.
- 201- Masria, A., Iskander, M., **Negm, A.**, & Saavedra, O. (2014) . The Effect of potential discharges on the Stability of the Rosetta Promontory, Egypt. 7th International Conference on Fluvial Hydraulics- River Flow 2014, 3-5 September, Lausanne, Switzerland. by CRC Press, 424 Pages, ISBN 9781138026742-424.
<http://www.crcpress.com/product/isbn/9781138026742>
- 202- Masria, A., **Negm, A.**, Iskander, M., & Saavedra, O. , Long-term numerical simulation to reach stability condition within the river mouth; case study: Rosetta promontory, Egypt. *Proceedings of the 7th International Congress on Environmental Modelling and Software*, June 15-19, 2014, San Diego, California, USA. ISBN: 978-88-9035-744-2.
- 203- Masria, A., **Negm, A.**, Iskander, M., & Saavedra, O. , Numerical Study to Enhance Stability Condition within The River Mouth; Case Study: Rosetta Promontory, Egypt. 11th International Conference on Hydroinformatics, HIC 2014, August 17-21, New York City, USA.
- 204- Ahmed Elkafoury, Waled Dawoud, Mahmoud Bady, **Abdelazim M. Negm** and Mohamed Hafez, “Integrated Framework for evaluating the impact of urban transportation gaseous emissions on groundwater quality”, *International Water Technology Journal IWTJ*, Vol.4 (2014) No.2, 114-123.



- 205- Ahmed Elkafoury, **Abdelazim Negm**, Mahmoud Bady and Mohamed Hafez “Review of transport emission modeling and monitoring in urban areas – challenge for developing countries”, ICALT2014, 1-3 May, Tunisia.
- 206- Elkafoury, A. ; **Negm, A.M.** ; Bady, M. ; Aly, M.H.F."Review of transport emission modeling and monitoring in urban areas — Challenge for developing countries” Int. Journal , DOI: 10.1109/ICAdLT.2014.6864076, 2014 , Page(s): 23 – 28.
- 207- Ahmed Elkafoury, **Abdelazim Negm**, Mahmoud Bady, Mohamed Hafez “Relation Between Vehicles Time Headway and Carbon Monoxide Emissions from Traffic in Urban Areas: Case Study: New Borg El-Arab City – Egypt”, 5th International Conference in Integrated Management of Environment ICIME 2014, September 25-28 Hammamet, Tunisia.
- 208- Ahmed Elkafoury, **Abdelazim M. Negm**, Mohamed Hafez Aly, Mahmoud Farghly Bady, Tejiro Ichimura “Operational and environmental evaluation of traffic movement on urban streets using GPS floating-car data”. International Journal of Engineering & technology IJET, Vol 4, No 1 (2015). DOI: 10.14419/ijet.v4i1.3794. (IF: 0.84)
- 209- Ahmed Elkafoury, **Abdelazim M. Negm**, Mahmoud Farghly Bady, Mohamed Hafez Aly, “VISSIM Based Microscopic Traffic Emission Prediction Model”. Proceedings of the 8th International Conference on Urban Planning and Transportation (UPT '15) , ADVANCES in ENVIRONMENTAL SCIENCE and ENERGY PLANNING, DOI: 10.13140/2.1.5103.4400. ISBN: 978-1-61804-280-4
- 210- A. AbdelMonteleb M. Ali, **A.M. Negm** and M. Bady, “Estimating Carbon Emissions from Industrial Process by using Life Cycle Assessment Tool”, International Conference on Industry Academia Collaboration- IAC 2014, March 03-05, 2014, Cairo, Egypt.
- 211- A. AbdelMonteleb M. Ali and **A.M. Negm**, “Enhancing the Environmental Policies in Egypt by industry-academic collaboration”, International Conference on Industry, Academia Collaboration- IAC 2014, March 03-05, 2014, Cairo, Egypt.



- 212- A. AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Towards An Integrated Tool To Estimate Carbon Emissions From Life Cycle Assessment of Building Materials In Egypt", *IMPACT: International Journal of Research in Engineering & Technology* (Impact: 1.3268), 31 March, 2014.
- 213- A. AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Moving towards an Egyptian national life cycle inventory database", Springer: *The International Journal of Life Cycle Assessment* (Impact: 3.988), DOI: 10.1007/s11367-014-0760-z, 19 May 2014
- 214- A. AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Monitoring Energy Consumption in Life Cycle Assessment of Cement Industry", *Towards 100% Renewables And Sustainable Communities For Africa*, The American University in Cairo, New Cairo, April 26-30, 2014.
- 215- A. AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Effect of fuel type on the life cycle of Egyptian cement industry: Environmental Impact Assessment Approach", *Effect of fuel type on the life cycle of Egyptian cement industry: Environmental Impact Assessment Approach*, Osaka, Japan, ACSEE 2014, June 12-15, 2014, *Journal of Sustainability, Energy and the Environment*.
- 216- A. AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Framework for Application of Life Cycle Assessment Approach on Egyptian Residential Building Case Study: New Assiut City, Egypt", *International conference in integrated management of Environment*, Hammamet, Tunisia, ICIME 2014, September 25-28, 2014. Acceptance ratio 54%.
- 217- Mohamed Kamel and **Abdelazim Negm**, *Biopolymers in Geotechnical and Geoenvironmental Engineering*, Industry Academia Collaboration Conference, IAC2014 , 3-5 March, 2014, Cairo, Egypt.



- 218- Mohamed Kamel and Abdelazim Negm, Using Bio-Polymer Materials to Enhance Sandy Soil Behavior, 14th International Scientific Geo-conference SGEM 2014, 24-26 June, 2014, Varna, Bulgaria.
- 219- Mohamed Kamel, **Abdelazim Negm**, Ahmed Tawfik, and Masaaki Suzuki, Control Fugitive Dust and Land Erosion Using Biopolymer Material, 2nd international conference for environmental studies, 19-21 August, 2014, Hurghada, Egypt.
- 220- Mohamed Kamel, **Abdelazim Negm**, and Ahmed Tawfik, Time Effect on The Behavior of Sandy Soil Treated with Biopolymer, International Conference in Integrated Management of Environment, 25-28 September, 2014, Hammamet, Tunisia.
- 221- Mohamed Kamel, **Abdelazim Negm**, "Using Bio-Polymer Materials To Enhancing The Sandy Soil Behavior, 14th International Multidisciplinary Scientific Geoconference & EXPO SGEM 2014, June 17-25, 2014,.
- 222- **A.M. Negm**, M. Nassar and *E.A. Elnikhely*, Minimization Of Scour And Deposition Downstream Pipe Culvert With A Limited Floor Protection, IWTJ, Vol. 4, No.3, 2014.
- 223- Fathy, I., **Negm**, A., Nassar, M., El-Sayed, E., El-Fiky, M., " Estimation of Lag time and Peak discharge of Flash Flood Wadi Sudr in the Sinai Peninsula ", the Egyptian Int.J. of Eng. Sci. and Technology, Vol. 17, No.4, 2014.
- 224- A. Allam ,A. Tawfik, A. El-Saadi, **A. Negm** "Potentials of using duckweed (*Lemna gibba*) for treatment of agriculture drainage water for reuse in irrigation purposes" Desalination and Water Treatment (Impact Factor: 1.17), publisher: Taylor & Francis. Sept. 2014, <http://www.tandfonline.com/doi/full/10.1080/19443994.2014.966760>
- 225- Ahmed Elkafoury, **Abdelazim M. Negm**, Mahmoud Farghly Bady, Mohamed Hafez Aly "Modeling vehicular CO emissions for time headway-based environmental traffic management system", 8th International Conference Interdisciplinarity in Engineering, INTER-ENG



- 2014, 9-10 October 2014, Tirgu Mures, Romania, **Procedia Technology 19 (2015) 341 – 348**
- 226- A. AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Environmental life cycle assessment of a residential building in Egypt: A case study", 8th International Conference Interdisciplinarity in Engineering, INTER-ENG 2014, 9-10 October 2014, Tirgu Mures, Romania, **Procedia Technology 19 (2015) 349 – 356**.
- 227- M. Eltarabily, **A. Negm**, "Modeling the Movement of Nitrates through the Sandy Soil Considering Homogeneous Soil Profile," 8th International Conference on Advanced Materials and Systems, October 23-25th, 2014, Bucharest, Romania.
- 228- Eladawy, A., **Negm,A.**, Nadaoka, K. , Saavedra,O., and Hanafy M., (2014): An integrated modelling and remote sensing approach for anthropogenic activity impact assessment on the western nearshore area of the Red Sea. International Conference on The Marine Environment of The Red Sea, 10-13 November 2014, Jeddah, King Abduaziz University, Saudi Arabia.
- 229- Masria, A., Nadaoka.k,**Negm, A.**, Iskander, M., & Saavedra, O. (2014). Numerical Modeling of Coastal Nourishment at Rosetta Inlet, Egypt, International Water Technology Journal, IWTJ, Vol 4, No.4, 2014.
- 230- Ismail Fathy, **Abdelazim M. Negm**, Magid El-Fiky, Mohammed Nassar, Eman Al-Sayed, Development of Hydrological Lumped Model to Estimate Runoff Hydrograph:Case Study Wadi Sudr in Sinai Peninsula, Egypt, IWTJ, Vol. 4, No. 4, Dec. 2014.
- 231- AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Assessing the Environmental impact of the 3-D panel system used in construction industry by using the Life Cycle Assessment tool" 10th International Conference "10th conference on Role of Engineering Towards



- A Better Environment" Intelligent Environmental Engineering "From Vision to Action, (RETBE'14), 15-17 December 2014 Alexandria, Egypt.
- 232- M. Eltarabily, **A. Negm**, "Effect of Chemicals of Agricultural Contaminants on Geotechnical Properties of Sandy and Clayey Soil: A Review," 10th International Conference Role of Engineering Towards a better Environment, December 15-17th, 2014, Alexandria, Egypt.
- 233- H. Asa, R. Carmen, R. Francesco, Y. Elmahgary, M. Gamal Eldin, **A. Negm**, A. EL-Shazly and A. Yousri, "Visions & Scenarios Of Transferring NBC Into An Eco City - Part I – Present State Of Industrial, Commercial, Facilities, Services, Building and Domestic Sectors of NBC", 10th International Conference Role of Engineering Towards a better Environment, December 15-17th, 2014, Alexandria, Egypt.
- 234- H. Asa, R. Carmen, R. Francesco, Y. Elmahgary, M. Gamal Eldin, **A. Negm**, A. EL-Shazly, A. Yousri and M. Shahin, "Visions & Scenarios Of Transferring NBC Into An Eco City - Part II – The Masterplan, The Visions and Scenarios", 10th International Conference Role of Engineering Towards a better Environment, December 15-17th, 2014, Alexandria, Egypt.
- 235- A. AbdelMonteleb M. Ali, **A.M. Negm**, "Environmental Impact Assessment of Egyptian Building Materials by using Life Cycle Assessment Methodology", Life Cycle in Practice Conference, 5-6 November 2014, Lille, France, acceptance ratio 34%.
- 236- El-Adawy, A., **A.M. Negm**, O.C. Saavedra V, K. Nadaoka and I.A. El-Shinnawy, "Coupled Hydrodynamic-Water Quality Model for Pollution Control Scenarios in El-Burullus Lake (Nile Delta, Egypt)", American Journal of Environmental Sciences 2014, 10 (6): 549-568 DOI: 10.3844/ajessp.2014.549.568.
- 237- A. Allam, A. Tawfik, **A. Negm**, C. Yoshimura, A. El-Saadi and A. Fleifle, Multivariate statistical techniques for the evaluation of spatial and temporal variations in water quality of Gharbia drain, (Egypt), Proc. Of the



2014 Int. conference on Marine and Freshwater Environment, IMFE2014, 6-8 Aug. 2014, Canada. (Abstract).

- 238- M. Eltarabily, **A. Negm**, "Numerical Simulation of Fertilizers Movement in Sand and Controlling Transport Process via Vertical Barriers," 4th international Conference on Environmental Science and Development, October 29-30th, 2014, San Diego, USA. (in the conference proceeding with acceptance ration 30%) and in International Journal of Environmental Science and Development, Vol. 6, No. 8, August 2015.

Year 2015

- 239- M. Eltarabily, **A. Negm** and O. Saavedra, "Protection of Irrigation Water from the Risk of Fertilizers Transport through the Layered Soil by using Vertical Barriers Walls," 18th International Water Technology Conference, March 12-14th, 2015, Sharm El-sheikh, Egypt. (IWTJ, Vol.5, No.2, 2015).
- 240- A.El-Adawy, K. Nadaoka, **A.M. Negm**, O.C. Saavedra, Environmental challenges of the Egyptian Red Sea: A review of published studies", 18th International Water Technology Conference, March 12-14th, 2015, Sharm El-sheikh, Egypt.
- 241- Ahmed Eladawy, Oliver C. Saavedra Valeriano and **Abdelazim Negm**, "Nile Delta Challenges And Opportunities, A State Of The Art Review", 18th International Water Technology Conference, March 12-14th, 2015, Sharm El-sheikh, Egypt.
- 242- A. Allam, A. Tawfik, and **A. Negm**, "Removal Of Heavy Metals Ions From Drainage Water Using Duckweed-Based Treatment Ponds", 18th International Water Technology Conference, March 12-14th, 2015, Sharm El-sheikh, Egypt.
- 243- Hassan Mohamed, **Abdelazim Negm**, Mohamed Zahran, Oliver Saavedra, Assessment of Artificial Neural Network for bathymetry



- calculation from High Resolution Satellite imagery in Shallow Lakes: Case Study El Burullus Lake, 18th International Water Technology Conference, March 12-14th, 2015, Sharm El-sheikh, Egypt.
- 244- Masria, A., Nadaoka.k, Kuriyama, Y., **Negm, A.**, Iskander, M., & Saavedra, O., Effect Of Near Shore And Beach Nourishments on The Stability of Rosetta Promontory, 18th International Water Technology Conference, March 12-14th, 2015, Sharm El-sheikh, Egypt.
- 245- Elsayed Ramadan, **Abdelazim Negm**, Ahmed Helmy, and Moustafa ELSammany, Quantifying The Impacts Of Impounding Of Grand Ethiopian Renaissance Dam Reservoir On Lake Nasser Active Storage, 18th International Water Technology Conference, March 12-14th, 2015, Sharm El-sheikh, Egypt.
- 246- M. Eltarabily, **A. Negm**, "Numerical Simulation of Fertilizers Movement in Sand and Controlling Transport Process via Vertical Barriers," International Journal of Environmental Science and Development, Vol. 6, No. 8, August 2015.
- 247- Ahmed Eladawy, Kazuo Nadaoka, **Abdelazim Negm**, Oliver C. Saavedra, and Mahmoud Hanafy, Assessment of thermal stress on Egyptian coral reefs using remote sensing. 6th International Conference on Environmental Science and Development, February 14-15, 2015 in Amsterdam, Netherlands,
- 248- Ahmed Eladawy, Kazuo Nadaoka, **Abdelazim Negm**, Oliver C. Saavedra, and Mahmoud Hanafy, Assessment of Long Term Thermal Stress on Egyptian Coral Reefs Based on Remotely Sensed Sea Surface Temperature Data, International Journal of Environmental Science and Development, Vol. 6, No. 12, Dec. 2015.
- 249- Waled A. Dawoud, **Abdelazim M. Negm**, Nasser M. Saleh, and Mahmoud F. Bady, Impact Assessment of Offshore Pile Driving Noise on Red Sea Marine Mammals, 6th International Conference on Environmental Science and Development, February 14-15, 2015 in Amsterdam, Netherlands, and in International Journal of Environmental Science and Development, Vol. 7, No. 1, Jan. 2016.



- 250- Hassan Mohamed, **Abdelazim Negm**, Mohamed Zahran, Oliver Saavedra, Bathymetry Determination from High Resolution Satellite Imagery using Ensemble learning algorithms in Shallow Lakes: Case Study El Burullus Lake, 6th International Conference on Environmental Science and Development, February 14-15, 2015 in Amsterdam, Netherlands and in and in International Journal of Environmental Science and Development, Vol. 7, No. 4, Feb 2016
- 251- Asaad M. Armanuos, **Abdelazim Negm**, Oliver C. Saavedra Valeriano, " Groundwater Quality Investigation Using Multivariate Analysis: Case Study: Western Nile Delta Aquifer, Egypt", 6th International Conference on Environmental Science and Development, February 14-15, 2015 in Amsterdam, Netherlands, and in International Journal of Environmental Science and Development, Vol. 7, No. 1, Jan 2016.
- 252- Masria, A., Nadaoka.k, **Negm, A.**, Iskander, M., & Saavedra, O., "Evolution of shoreline and land use at Rosetta Promontory, Egypt, using remote sensing, Land 2015, 4, 216-230; doi:10.3390/land4010216. www.mdpi.com/journal/land/ (IF=1.1).
- 253-** Ahmed Elkafoury, **Abdelazim M. Negm**, Mohamed Hafez Aly, and Mahmoud Bady, "Develop dynamic model for predicting traffic CO emissions in urban areas", Environmental Science and Pollution Research Journal (JESPR), March 2015, Springer (IF=2.82), (DOI) 10.1007/s11356-015-4319-8 (IF: 2.82)
- 254- Masria, Ali, Kazuo Nadaoka, **Abdelazim Negm**, Moheb Iskander, and Oliver C. Saavedra, Numerical Modeling Of Coastal Nourishment At Rosetta Outlet, Egypt, International Water Technology Journal, IWTJ, Vol.5, No. 1, March 2015, pp.20-131.
- 255- A. AbdelMonteleb M. Ali, **A.M. Negm**, M. Bady and Mona G. Ibrahim, "Environmental Impact Assessment of Residential Building in Egypt Using Life Cycle Assessment Approach", ECO-Research Forum



2015, The American University in Cairo, New Cairo, March 10, 2015.

April 2015

- 256- Mohamed Galal Eltarabily, **Abdelazim M. Negm**, Oliver C. Saavedra, "Groundwater Flow and Contaminant Transport Modeling Using Finite Element and Finite Difference Methods," Industry Academia Collaboration Conference, April 7-9th, 2015, Cairo, Egypt.
- 257- A. Allam, A. Tawfik, **A. Negm**, C. Yoshimura, A. Fleifle, "Treatment of drainage water containing pharmaceuticals using duckweed (*Lemna gibba*)". International Conference on Technologies and Materials for Renewable Energy, Environment and Sustainability, TMREES15, April 17-20, 2015, Beirut-Lebanon.
- 258- **Negm A**, Masria A, Iskander M, Saavedra OC (2015) Towards a Sustainable Stability of Coastal Zone at Rosetta Promontory/Mouth, Egypt. *Oceanography* 3: 132. doi:10.4172/2332-2632.1000132
- 259- Mohamed Kamel and **Abdelazim Negm**, Global Warming Potential Impact Due to Pile Foundation Construction Using Life Cycle Assessment, *Electronic J. of Geotechnical Engineering*, Vol. 20 [2011], bund. 12. (IF=0.35).
- 260- Mohamed Galal Eltarabily, **Abdelazim M. Negm**, Oliver C. Saavedra, Khalid E. Gafar, "Effects of Di-ammonium Phosphate on Hydraulic, Compaction and Shear Strength Characteristic of Sand and Clay Soils," Springer: *Arabian Journal of Geoscience* (Impact factor: 1.152).
- 261- Masria, A., **Negm, A.**, Iskander, M., & Saavedra, O. , "Coastal protection measures, case study (Mediterranean zone, Egypt). *Journal of coastal conservation: Planning and Management*, May 2015, DOI 10.1007/s11852-015-0389-5 (IF=1.1)
- 262- Pekka Tuominen , Francesco Reda, Walid Dawoud, Bahaa Elboshy, Ghada Elsahfei, **Abdelazim Negm**, " Economic appraisal of energy efficiency in buildings using cost effectiveness assessment", 8th Nordic Conference on Construction Economics and Organization, 28-29 May



- 2015, Tampere, Finland. Published in *Procedia of economics and Finance* 21, pp. 422-430, doi:10.1016/S2212-5671(15)00195-1 Sciedirect publications, www.elsevier.com.
- 263- Bahaa Elboshy, **Abdelazim Negm**, Ibrahim Hegazy " Proposed Sustainability Indicators Framework for Egyptian Cities." 2nd International Conference on Innovative and Sustainable Architecture, Planning and Landscape 23-24 July, 2015, Newcastle, UK. <http://conferences.ncl.ac.uk/isapl2015/>
- 264- A. Allam, A. Tawfik, **A. Negm**, C. Yoshimura, A. Fleifle, "Treatment of drainage water containing pharmaceuticals using duckweed (*Lemna gibba*)". International Conference on Technologies and Materials for Renewable Energy, Environment and Sustainability, TMREES15, April 17-20, 2015, Beirut-Lebanon.
- 265- 7- A. Allam, A. Tawfik, **A. Negm**, C. Yoshimura, A. Fleifle "Treatment of drainage water containing pharmaceuticals using duckweed (*Lemna gibba*)" *Energy Procedia* 74 (2015) 973 – 980
- 266- Asaad M. Armanuos, **Abdelazim Negm**, Abdel Hamid M.H. El Tahan, Life Cycle Assessment of Diesel Fuel and Solar Pumps in Operation Stage for Rice Cultivation in Tanta, Nile Delta, Egypt, 9th International Conference Interdisciplinarity in Engineering, INTER-ENG 2015, 8-9 October 2015, Tirgu-Mures, Romania. *Procedia Technology Journal*, Vol. 22 (2016) 478 – 485.
- 267- Mohamed Elsayhabi, **Abdelazim Negm** , Abdel Hamid M.H. El Tahan, Performances Evaluation of Surface Water Areas Extraction Techniques Using Landsat ETM+ Data: Case Study Aswan High Dam Lake (AHDL), 9th International Conference Interdisciplinarity in Engineering, INTER-ENG 2015, 8-9 October 2015, Tirgu-Mures, Romania. *Procedia Technology Journal*, 22 (2016) 1205 – 1212
- Nov. 2015**
- 268- 7- Daoud, W. A. , Kasma, K., Saleh, N.M., **Negm, A.M.**, (2015). Statistical evaluation of compression index correlations. *Intellectual*



Exchange and Innovation Conference on Engineering & Sciences, (IEICES 2015), October 15, 2015 Kyushu University, Japan (<https://ieices2015.wordpress.com/>)

- 269- Daoud, W. A. , Kasma, K., Saleh, N.M., **Negm, A.M.**, (2015). Evaluation of geotechnical correlations using ATIC method. GEOMATE 2015, Osaka, Japan (International Journal of GEOMATE, May, 2016, Vol. 10, Issue 21, pp. 1929-1935).

Dec. 2015

- 270- Mahmoud Samy and **Abdelazim Negm** (2016), Life cycle assessment of dredged materials placements strategies: Case Study, Damiate Port, Egypt., AEAS 42nd, Annual International Conference – 27-29 Dec. 2015, Cairo, Egypt.
- 271- Mohamed A. Elshahabi1 and **Abdelazim M. Negm** (2016), Change Detection In Erosion And Sedimentation of The Active Sedimentation Portion Of Aswan High Dam Lake, Egypt, Using RS/GIS Techniques, AEAS 42nd, Annual International Conference – 27-29 Dec. 2015, Cairo, Egypt.
- 272- H. Hossen and **A. Negm** (2016), Estimation of Life Time of Water Body of El-Burullus Lake Under The Current Urban and Agricultural Growth Conditions Using RS/GIS, AEAS 42nd, Annual International Conference –
- 273- Ghada Elshafei, **Abdelazim Negm**, Mona GamalEldin and Mahmoud Bady (2016), Towards a Green Building: a Preliminary Study of Natural Ventilation on Thermal Comfort and its Impact on Residential Building in the City of New Borg El Arab, International Conference of Engineering Sciences and Applications Jan. 29-31, 2016, Aswan, Egypt.
- 274- H. Hossen and **A. Negm** (2016) , Change Detection Of Manzala Lake Using RS/GIS And Assessing Its Water Bodies Sustainability, International Conference of Engineering Sciences and Applications Jan. 29-31, 2016, Aswan, Egypt.



- 275- Asaad Armanuos and **Abdelazim Negm** (2016), Investigating Spatial and Temporal Variations of Local Input Parameters of WetSpss Model: Case Study Nile Delta Aquifer, International Conference of Engineering Sciences and Applications Jan. 29-31, 2016, Aswan, Egypt.
- 276- Mohamed A. Elsayehi, **Abdelazim Negm**, Kamal A. Ali (2016), Performances Evaluation of Surface Water Areas Extraction Techniques Using Landsat ETM+ Data: Case Study Nubia Lake , Sudan, International Conference of Engineering Sciences and Applications Jan. 29-31, 2016, Aswan, Egypt
- 277- Sherien Abdel-Aziz, **Abdelazeim Negm**, Gamal M. Abdel-Aal, Elsayed M. Ramadan, Mohammed Nassar (2016), Developing Statistical Relationships Between the Water Quality and Hydraulic Parameters of Covered Irrigation Canals: A Case Study: Abu Kebier City, Sharkia Governorate, Egypt", International Conference of Engineering Sciences and Applications Jan. 29-31, 2016, Aswan, Egypt
- 278- Sherien Abdel-Aziz, **Abdelazeim Negm**, Gamal M. Abdel-Aal, Elsayed M. Ramadan, Mohammed Nassar (2016), Evaluating the Impact of Irrigation Canal Covering on Water Quality Parameters: "A Case study: Abu Kebier City, Sharkia Governorate, Egypt", International Conference of Engineering Sciences and Applications Jan. 29-31, 2016, Aswan, Egypt

Feb 2016

- 279- Ahmed AbdelMonteleb M. Ali, **Abdelazim M. Negm**, Mahmoud F. Bady, Mona G. E. Ibrahim, Masaaki, Suzuki (2016), Environmental impact assessment of the Egyptian cement industry based on a life-cycle assessment approach: a comparative study between Egyptian and Swiss plants", Springer: Clean Technologies and Environmental Policy, doi:10.1007/s10098-016-1096-0, 01 February 2016 (IF=1.934)
- 280- Ahmed Elkafoury and **Abdelazim M. Negm** (2016), Life Cycle Assessment Approach for Vehicles Tires on Egyptian Road Network,



Periodica Polytechnica Transportation Engineering (IF=0.28),
<http://www.pp.bme.hu/tr/index>

March 2016

- 281- Hassan Mohamed, **Abdelazim Negm**, Kazuo Nadaoka, Tarek Abdelaziz and Mohamed Elshahi (2016), "Comparative study of approaches to bathymetry detection in Nasser/Nubia Lake using multispectral SPOT-6 satellite imagery", Hydrological Research Letters 10(1), 45–50 (2016) Published online in J-STAGE (www.jstage.jst.go.jp/browse/hrl). DOI: 10.3178/hrl.10.45
- 282- Mohamed Elshahi, **Abdelazim Negm**, Kamal Ali (2016), "Development of Rating Curves for Nubia Lake, Sudan, Using RS/GIS", 4th Int. Conference on Water, Environment, Energy, and Society, ICWEES 2016, 15-18 March 2016, Bhopal, India.
- 283- Omar Makboul, **Abdelazim Negm**, Saleh Mesbah, Mohamed Mohasseb (2016), "Assessment of Different Bathymetry Models Using Landsat-8 Multispectral Images", 4th Int. Conference on Water, Environment, Energy, and Society, ICWEES 2016, 15-18 March 2016, Bhopal, India.

April 2016

- 284- Hickmat Hossen and **Abdelazim Negm**, Performance of Water Bodies Extraction Techniques 'Embedded in Erdas': Case Study Manzala Lake, Northeast of Nile Delta, Egypt, Proc. Of 19th International Water Technology Conference, IWTC19, 21-23 April 2016, Sharm Elsheikh, Egypt.
- 285- M. A. Elshahi, **A. M. Negm**, and K. A. Ali (2016), Correlating The Velocity Profiles to The Sediment Profiles of The Active Sedimentation Zone of Aswan High Dam Lake, Proc. Of 19th International Water



Technology Conference, IWTC19, 21-23 April 2016, Sharm Elsheikh, Egypt.

- 286- Karim Nassar, **Abdelazim Negm** (2016), Predictive Formulae for Estimating of Wave Hydrodynamic Parameters in Front of Seawalls, Proc. Of 19th International Water Technology Conference, IWTC19, 21-23 April 2016, Sharm Elsheikh, Egypt.
- 287- Mahmoud Sharaan, **Abdelazim Negm**, Moheb Iskander (2016), Towards A Better Understanding of The Coastal Egyptian Fishing Ports Issues, Proc. Of 19th International Water Technology Conference, IWTC19, 21-23 April 2016, Sharm Elsheikh, Egypt.

June 2016

- 288- Asaad Mater, Abdelazim Negm, Oliver Saavedra and C. Yochimura, Application of WetSpas Model to Estimate the Spatial and Temporal Variation of Groundwater Recharge in the Nile Delta Aquifer, Arabian Journal of Geoscience, 2016.
- 289- Mohamed Kamel, Abdelazim Negm and Mostafa El-Sawaf, Evaluating the Physical Characterizations for Biopolymer-Soil Mixtures, Arabian Journal of Geosciences (IF=1.2)

August 2016

- 290- Mohamed Galal Eltarabily, Abdelazim M. Negm, Chihiro Yoshimura, Oliver C. Saavedra, "Quality Assessment of Groundwater in Southeast Nile Delta and its Suitability for Irrigation Uses," Journal of Water Resources, Springer (Impact factor: 0.686)
- 291-
- 292- Asaad Armanuos, Abdelazim Negm, Assessment of the variations of local parameters of WetSpas model, Case study: Nile Delta aquifer, 12th int. Conf on Hydroinformatics (HIC2016) on Smart Water for the Future, Incheon, Korea, 21-26 Aug. 2016. (Published in Procedia Engineering, IF =0.5)
- 293- Mohamed Elshabi, Abdelazim Negm, Kamal Ali (2016), Investigating Sediment and Velocity Distribution Profiles for Nubia Lake Using RS/GIS and Field Data, 12th int. Conf on Hydroinformatics (HIC2016) on Smart Water for the Future, Incheon, Korea, 21-26 Aug. 2016. (Published in Procedia Engineering, IF =0.5)
- 294- Karim Nassar, Abdelazim Negm, Determination of Wave Reflection Formulas for Vertical and Sloped Seawalls Via Experimental Modeling, 12th int. Conf on Hydroinformatics (HIC2016) on Smart Water for the Future, Incheon, Korea, 21-26 Aug. 2016. (Published in Procedia Engineering, IF =0.5)
- 295- Mohammed Esmail, Ali Masria, Abdelazim Negm (2016), Monitoring Land Use/Land Cover Changes Around Damietta Promontory, Egypt, Using RS/GIS, 12th int. Conf on



Hydroinformatics (HIC2016) on Smart Water for the Future, Incheon, Korea, 21-26 Aug. 2016.
(Published in Procedia Engineering, IF =0.5)

September 2016

- 296- Karim Nassar, Abdelazim Negm (2016), Determination of optimum wave reflection of seawalls via experimental modeling, Proc. Of ICSE 2016, the 8th International Conference on Scour and Erosion, 12-15 September, Oxford UK.
- 297- M. A. Elshahabi, A. M. Negm, and K. A. Ali (2016), Investigation of sediment accumulation in Nasser/Nubia Lake, using RS/GIS, Proc. Of ICSE 2016, the 8th International Conference on Scour and Erosion, 12-15 September, Oxford UK.
- 298- Mohamed Galal Eltarabily, Abdelazim M. Negm, Oliver C. Saavedra, Chihiro Yoshimura "Modeling the Impact of Nitrate Fertilizers on Groundwater Quality in the Southern Part of the Nile Delta, Egypt (Reference No: WS-EM1615R1t), Journal of Water Supply, accepted on 11-09-2016. October 2016 (Presented at INTER-ENG 2016 and will be published in Procedia Engineering in January 2017)
- 299- Mahmoud Sharaan, Abdelazim Negm, Life Cycle Assessment of Dredged Materials Placement Strategies: Case Study, Damietta Port, Egypt, 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 October 2016, Tirgu-Mures, Romania. Procedia Engineering Journal, Vol. xx (2017) pp.xx
- 300- Ghada Elshafaei, Abdelazim Negm, AI Technologies in Green Architecture Field: Statistical Comparative Analysis, 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 October 2016, Tirgu-Mures, Romania. Procedia Engineering Journal, Vol. xx (2017) pp.xx
- 301- Mohamed Elshahabi, Abdelazim Negm, Building 3D Profile for Lake Nubia, Sudan Using RS/GIS for accurate estimation of Sediment 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 October 2016, Tirgu-Mures, Romania. Procedia Engineering Journal, Vol. xx (2017) pp.xx
- 302- Bahaa Elboshi, Abdelazim Negm, Mona Gamaleldin, Sommer Abdel-Fattah, Life Cycle Assessment for Sidewalk Pavement Types, Case Study: Extension of New Borg El-Arab City, 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 October 2016, Tirgu-Mures, Romania. Procedia Engineering Journal, Vol. xx (2017) pp.xx
- 303- Hickmat Hossen, Abdelazim Negm, Sustainability of water bodies of Edku Lake, Northwest of Nile Delta, Egypt: RS/GIS approach, 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 October 2016, Tirgu-Mures, Romania. Procedia Engineering Journal, Vol. xx (2017) pp.xx
- 304- Omar Makboul, Abdelazim Negm, Saleh Mesbah, Mohamed Mohasseb " Performance Assessment of ANN in Estimating Remotely Sensed Extracted Bathymetry: Case Study: Eastern Harbor of Alexandria, 10th International Conference Interdisciplinarity in Engineering, INTER-ENG 2016, 6-7 October 2016, Tirgu-Mures, Romania. Procedia Engineering Journal, Vol. xx (2017) pp.xx.
- 305- Mohamed Ayseldeen, Abdelazim Negm, Mostafa El-Sawwaf, Masaki



Kitazume, [Enhancing the behavior of collapsible soil using biopolymers](#), J. of Geotechnical Engineering, IF=1.55, 8 December 2016

- 306- M. Kamel, Abdelazim Negm, Mostafa El Sawwaf, and Gadda Thomas, Laboratory study of using biopolymer to reduce wind erosion, International Journal of Geotechnical Engineering, 2016 <http://dx.doi.org/10.1080/19386362.2016.1264692>
- 307- R. M. El-Sayed, S. Ghally, K. A. Ali and Abdelazim M. Negm, Morphological Variation Of The Nile River Reach From Aswan City To Esna Barrage Using Rs/GIS, Proc. Of The Ninth Alexandria International Conference On Structural And Geotechnical Engineering (AICSGE9), 19-21 Dec. 2016, Alexandria, Egypt.
- 308- N. G. Abd El-Basset, S. Ghally, K. A. Ali and Abdelazim M. Negm, Detecting Morphological Changes In The Nile River Islands: The Reach From Esna Barrages To Nagaa Hamadi Barrages, Proc. Of The Ninth Alexandria International Conference On Structural And Geotechnical Engineering (AICSGE9), 19-21 Dec. 2016, Alexandria, Egypt.

Feb. 2017

- 309- Ahmed Eladawy, Kazuo Nadaoka, **Abdelazim Negm**, Sommer Abdelfatah Mahmoud Hanafy, Mohamed Shaltout, " Characterization of the northern Red Sea's oceanic features with remote sensing data and outputs from a global circulation model", Oceanologia, 1 Feb. 2017.
- 310- Ghada Elshafeia, Abdelazim Negm, Mahmoud Badyc, Masaaki Suzukia, Mona G. Ibrahim, Numerical and experimental investigations of the impacts of window parameters on indoor natural ventilation in a residential building, J. energy and building, Energy and Buildings 141 (2017) 321–332.
- 311- Mahmoud Sharaana, Abdelazim Negmb, Moheb Iskanderc, Kazuo Nadaokad, Questionnaire-based assessment of Mediterranean fishing ports, Nile Delta, Egypt, Marine Policy 81 (2017) 98–108.

March 2017

- 312- Armanuos A. M., Ibrahim M. G., Mahmod W. E., Negm A., Jiro Takemura J., Yoshimura C., Bakenaz A. Zidan (2017), "Evaluation the Potential Impact of Grand Ethiopian Renaissance Dam and Pumping Scenarios on Groundwater Level in the Nile Delta Aquifer", Water Science and Technology; Water Supply Journal, DOI: 10.2166/ws.2017.037.
- 313- Mohamed Galal Eltarabily, Abdelazim M. Negm, Chihiro Yoshimura and Oliver C. Saavedra, Modeling the impact of nitrate fertilizers on groundwater quality in the southern part of the Nile Delta, Egypt, Water Science & Technology: Water Supply, IWA publishing, March 2017.



May 2017

- 314- R. M. El-Sayed , Abdelazim M. Negm, S. Ghaly, And K. A. Ali, Morphological Variation Of The Nile River Fourth Reach Proc. Of the 20th IWTC, 18-20 May, 2017 Hurghada, Egypt.
- 315- N. G. Abd EL-Basset, A. M. Negm, S. Ghaly, K. A. Ali, Detecting Morphological Changes In The Nile River: Case Study- The Third Reach, Proc. Of the 20th IWTC, 18-20 May, 2017 Hurghada, Egypt.
- 316- M. A. Elsayhaby, O. Makboul, and A. M. Negm" Lake Nubia Bathymetry Detection By Satellite Remote Sensing, Proc. Of the 20th IWTC, 18-20 May, 2017 Hurghada, Egypt.
- 317- M. A. Elsayhaby, A. M. Negm, and K. A. Ali (2016), Developing Rating Curves Of Lake Nasser, Egypt, Utilizing Remote Sensing And GIS Techniques, Proc. Of the 20th IWTC, 18-20 May, 2017 Hurghada, Egypt.
- 318- Armanuos A. M., Ibrahim M. G., Mahmod W. E., Negm A., Jiro Takemura J., Yoshimura C. (2017), "Investigation of Saltwater intrusion in the Nile Delta aquifer considering different scenarios including climate change", Arabian Journal of Geosciences. (Accepted)

Year 2018

- 319- Mostafa, N. Negm, A. Promoting organizational sustainability and innovation: An exploratory case study from the Egyptian chemical industry, Procedia Manufacturing 22 (2018) 1007–1014.
- 320- Mohamed Ayeldeen, Abdelazim Negm, Mostafa El Sawwaf & Thomas Gädda (2016): Laboratory study of using biopolymer to reduce wind erosion, International Journal of Geotechnical Engineering, DOI: 10.1080/19386362.2016.1264692
- 321- Mohamed Galal Eltarabily & Abdelazim M. Negm³ & Chihiro Yoshimura & Jiro Takemura, Groundwater Modeling in Agricultural Watershed under Different Recharge and Discharge Scenarios for Quaternary Aquifer Eastern Nile Delta, Egypt, Environmental Modeling Assessment, DOI 10.1007/s10666-017-9577-z.
- 322- Karim Nassar, Wael Elham Mahmod, Ahmed Tawfik, Osami Rageh, Abdelazim Negm, Hassan Fath, Developing empirical formulas for assessing the hydrodynamic behaviour of serrated and slotted seawalls, Ocean Engineering 159 (2018) 388–409.
- 323- Karim Nassar & Hassan Fath & Wael Elham Mahmod & Ali Masria & Kazuo



- Nadaoka & Abdelazim Negm, Automatic detection of shoreline change: case of North Sinai coast, Egypt, Journal of Coastal Conservation, <https://doi.org/10.1007/s11852-018-0613-1>
- 324- Karim Nassar, Wael Elham Mahmud, Hassan Fath, Ali Masria, Kazuo Nadaoka & Abdelazim Negm (2018): Shoreline change detection using DSAS technique: Case of North Sinai coast, Egypt, Marine Georesources & Geotechnology, DOI: 10.1080/1064119X.2018.1448912
- 325- Safia M. Khodary & Abdelazim M. Negm & Ahmed Tawfik, Geotechnical properties of the soils contaminated with oils, landfill leachate, and fertilizers, Arabian Journal of Geosciences (2018) 11:13, <https://doi.org/10.1007/s12517-017-3372-7>
- 326- Safia M. Khodary, Hassan Fath, Wael Elham, Manabu Fujii, Jiro Takemura, Abdel Azim M. Negm, Ahmed Tawfik: “Geotechnical Characteristics of Soil in the Presence of Saline Industrial Landfill Leachate, Case Study: Al-Nasreya Landfill, Egypt” Electronic Journal of Geotechnical Engineering, 2018 (23.04), pp 427-446. Available at ejge.com.
- 327- Hickmat Hossen & Mona G. Ibrahim & Wael Elham Mahmud & Abdelazim Negm & Kazuo Nadaoka & Oliver Saavedra (2018) “Forecasting future changes in Manzala Lake surface area by considering variations in land use and land cover using remote sensing approach”, Arabian Journal of Geosciences (2018) 11:93, <https://doi.org/10.1007/s12517-018-3416-7>

XVII- Locally Published Books

الكتب المنشورة لطلاب البكالوريوس والدراسات العليا

#	Book Title	B.Sc./H.S., الناشر	Publication Year
1	An Introduction to Laboratory Hydraulics	B.Sc., المركز العلمي للطباعة والتصوير	2003, ISBN 977-244-102-0
2	Fundamental of Engineering Hydraulics	B.Sc., المركز العلمي للطباعة والتصوير	2003, ISBN 977-244-104-7



3	Training Problems And Laboratory Manual In Hydraulics	B.Sc. المركز العلمى للطباعة والتصوير	2003, ISBN 977-244-121-7
4	Experimental Hydraulics, RP	B.Sc. المركز العلمى للطباعة والتصوير	977-244-103-9
5	Applications of Artificial Neural Networks in Hydraulics, RP	Higher Studies المركز العلمى للطباعة والتصوير	2003, ISBN 977-244-111-x
6	Advances in Numerical Hydraulics, RP	H.S. المركز العلمى للطباعة والتصوير	2003, ISBN 977-244-114-2
7	Structure of Nile River Natural Flows, RP	H.S. المركز العلمى للطباعة والتصوير	2003, ISBN 977-244-115-2
8	Characteristics of Discharge Below Gates, RP	H.S. المركز العلمى للطباعة والتصوير	2003, ISBN 977-244-113-6
9	Hydraulic Experiments in Simultaneous Flow, RP	H.S. المركز العلمى للطباعة والتصوير	2003, ISBN 977-244-112-8
10	Advances in Hydraulic Jumps, RP	H.S. المركز العلمى للطباعة والتصوير	2003, 977-244-117-9
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