

CURRICULUM VITAE

- **Family name:** HABOUB
- **First name:** Moh.-Nasser
- **Date of birth:** 23.03.1959
- **Nationality:** SYRIAN "Palestinian"
- **Civil status:** Married
- **Contact Address :**

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▪ Education:

Academic Education	
Humboldt University in Berlin 1987 – 1991	PhD in agricultural machinery engineering from Humboldt University in Berlin, Germany with "very good" point average
Humboldt University in Berlin 1986 - 1987	Preparatory intensive studies on agricultural machinery from Humboldt University in Berlin, Germany
Damascus University 1977 – 1982	Bachelor of Science in Mechanical Engineering- major in Mechanical forces from Damascus University with "good" point average
Additional Education	
Alpha International Consultancy and Training 22/3 – 11/4/2010	Certificate in Strategic Planning
Syrian Ministry of local administration and environment 4.12.2008 – 24.03.2009	Licensed Expert in Environmental Impact Assessment (EIA) from the Syrian Ministry of local administration and environment with the collaboration of GTZ.
Kassel University 1991 - 1992	Diploma in Higher Education and International Development from Kassel University, Germany. (Intensive cores for 6 months)

▪ Language skills: Indicate competence on a scale of 1 to 5 (1 – excellent; 5 – basic)

Language	Reading	Speaking	Writing
Arabic	Mother tongue	Mother tongue	Mother tongue
Germany	1	1	1
English	2	2	3

▪ Membership of professional bodies:

- Member of the German Association for wastewater technology (DWA).
- Member of the Syrian Engineering Syndicate.
- Member of the Syrian Association of Graduates of German Universities (SADU).

▪ **Other skills:**

- Very good working knowledge of all MS Office applications + AutoCAD.
- Strategic-Planning and Management-Strategy.
- Professional surfer on the internet.
- Very Good communication skills in Arabic and German Languages in addition to working knowledge of English.
- Ability to effectively utilize academic knowledge into practical implementation.
- Good negotiation and advocacy skills.
- Organized, punctual and disciplined.
- Ability to work harmoniously within a team.
- Conspicuous supervisory and training skills.

▪ **Positions:**

Consultant at the "Arab Center for Studies of Arid Zones and Dry Lands" ACSAD		2020
Visiting professor at the Weihenstephan-Triesdorf University of Applied Sciences - Faculty of Horticulture and Food Technology		2019
Consultant at the "Arab Center for Studies of Arid Zones and Dry Lands" ACSAD		2018
Head of Water and Wastewater Technology at "The General Company for Studies and Technical Consultations" GCEC		2017
Leiter der Abteilung für Rular Engineering at the Faculty of Agriculture, Damascus University		2016
Professor in the Department of Rular Engineering at the Faculty of Agriculture, Damascus University		2015
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Key qualifications:

- Professional Engineering experience in the consultancy conception of waste water plants, sludge treatment plants, drinking water conditioning plants, solid waste management, water resources
- Supervision of designing and operation of wastewater treatment plants in Syria.
- Reuse of treated wastewater in irrigated agriculture.
- Rural engineering.
- Academic experience in research, teaching and supervision of thesis for post and under graduate
- Students in the fields of Wastewater treatment and Rural Engineering.

▪ Specific experience in the region:

05 – 10 Dec. 2011	Organize the sixth "German-Syrian Environmental Week" in Rostock , with participation of a group of Syrian scientists and a number of German universities and German companies in addition to research centers and representatives from private industry players.
06 – 09 Dec. 2011	Organize a special technical training for 5 Engineers from GCEC in Germany by "Aqua Consult Engineering GmbH" on the field of " Study and design of industrial and communal waste water treatment plants ", on the sidelines of the sixth "German-Syrian Environmental Week" in Rostock.
28 Nov. – 02 Dec. 2010	Organize the fifth "German-Syrian Environmental Week" in Damascus , with the participation of many Syrian ministries and universities in addition to German universities and research centers and representatives from private industry players.
06 – 10 Dec. 2009	Organize the forth "German-Syrian Environmental Week" in Aleppo , with the participation of many Syrian ministries and universities in addition to German universities and research centers and representatives from private industry players.
13 - 27 Nov. 2009	Organize and participated special training in Germany on " Planning and operation of communal and industrial wastewater treatment plant " funded by GTZ.
30 Nov. – 04 Dec. 2008	Organize the third "German-Syrian Environmental Week" in Damascus , with the participation of many Syrian ministries and universities in addition to German universities and research centers and representatives from private industry players.
19– 22 Nov. 2007	Organize the second "German-Syrian Environmental Week" in Damascus, with the participation of many Syrian ministries and universities in addition to German universities and research centers and representatives from private industry players.
27 – 30 May 2007	Organize a workshop on Irrigation of Date Palms and Associated Crops In cooperation between the Faculty of Agriculture, Damascus University and the Food and Agriculture Organization of the United Nations Regional Office for the Near East
29 Oct – 02 Nov. 2006	Organize the first "German-Syrian Environmental Week" in Damascus , with the participation of relevant Syrian ministries and Universities in addition to German Universities and research centers and representatives from private sector.

▪ **Professional experience**

Date from – Date to	Location	Company	Position	Description
August 2019 - Present	Damascus Syria	Arab Center for the Studies of Arid zones and Dry land – ACSAD	Consultant	<ul style="list-style-type: none"> ○ The application of the conservation agriculture system in the semi-dry lands ○ Preparation of studies in the field of water treatment uses. ○ Provide technical advice to Arab countries in the field of water treatment uses. ○ Cooperation with other ACSAD departments in the scientific research achievement.
March 2017 - February 2019	Freising Germany	University Weihenstephan-Triesdorf (University of applied Sciences) Institute of Horticulture	Visiting Professor	<ul style="list-style-type: none"> ○ Scientific Scholar, a two-year research grant from Alexander von Humboldt Foundation (Philip Schwarz Initiative scholarship) ○ Participation in teaching "agricultural outdoor engineering". ○ Participant in the research topic "Mobile irrigation control by radio networks".
Nov. 2013 - Feb. 2017	Damascus Syria	Arab Center for the Studies of Arid zones and Dry land – ACSAD	Consultant	<ul style="list-style-type: none"> ○ Preparation of studies in the field of water treatment uses. ○ Provide technical advice to Arab countries in the field of water treatment uses. ○ Cooperation with other ACSAD departments in the scientific research achievement.
Oct. 2008 - Sep. 2013	Damascus, Syria	General Company for Engineering Studies and Consulting (GCEC)	Head of Water- and Wastewater-Engineering Department	<ul style="list-style-type: none"> ○ Managing and certified the Studying and planning plants for the supply of drinking, domestic and industrial water to Syrian towns and cities. ○ Managing and certified the Hydrological and hydro geological studies for local water resources in planning projects. ○ Managing and certified the Initial and final studies to supply human and industrial consumption canter with water, according to the highest standards of technical and healthy conditions. ○ Managing and certified the Initial and final studies concerning the management of wastewater resulting from domestic and industrial usage, applying world standard wastewater treatment technologies.

Date from – Date to	Location	Company	Position	Description
May 2007 – October 2008	Syria	Syrian German Centre of waste water treatment (SGC)	Technical consultant	<ul style="list-style-type: none"> ○ Ensure optimal operation of the waste water treatment plant executed by TIA. ○ Prepare assessment reports. ○ In charge of the training programme in SGC. ○ Conduct technical studies and proposals for waste water treatment plants. ○ Supervised the design and implementation of a sewage water treatment plant for dairy products in the province of Hama, Syria as a representative of the executing company (TIA)
Sep. 2003 - Sep. 2008	Damascus, Syria	Faculty of Agricultural Engineering	Head of the Rural Engineering Department	<ul style="list-style-type: none"> ○ Chairman teaching staff of the department. ○ Responsible for all matters of teaching staff in the department and educational matters and administrative affairs for all employees. ○ The duration for this position only two years, it can be extended for only one an additional period.
2005 - Feb. 2017	Damascus, Syria	Faculty of Agricultural Engineering.	Professor	<ul style="list-style-type: none"> ○ Professor at the Section of Land and Municipal Engineering - Faculty of Agricultural Engineering - Damascus University. ○ Head of the Department of Agricultural Engineering. ○ Head of the modules: <ul style="list-style-type: none"> - Agricultural Engineering (4th semester general). - Soil preparation technology (7th semester specialization). - Outdoor technique (8th specialization semester). - Wastewater engineering (9th specialization semester).
1992 - 2005	Damascus, Syria	Faculty of Agricultural Engineering.	Lecturer	<ul style="list-style-type: none"> ○ Lecturer at the Section Land and Municipal Technology - Faculty of Agricultural Engineering - Dam. University. ○ Head of the modules: <ul style="list-style-type: none"> - Agricultural Engineering (4th semester general). - Soil preparation technology (7th semester specialization).

Date from – Date to	Location	Company	Position	Description
1986 - 1992	Berlin - Germany	Humboldt University in Berlin	Aspirant	Preparatory intensive studies on agricultural machinery in accordance to a set plan by the supervising Professor. PhD in agricultural machinery engineering from Humboldt University in Berlin, Germany with “very good” point average.
1985 - 1986	Damascus, Syria	Faculty of Mechanical & Electrical Engineering.	Assistant Teacher	Tutor of the practical sections

▪ **Other relevant information:**

17 – 19 Jul. 2016	Participated in the "International Symposium for the integrated management of water resources and protect the environment" in Tartous SYRIA and conducted presentation on " Industrial wastewater treatment in Syria "
04 – 09 Sep. 2011	Primary participated in the 3^{ed} Workshop the EU-TEMPUS Project EDUWAT “Development of a Modern Higher Education System for Water Engineering in Syria” in the BOKU University Vienna
06 - 09 June 2011	Primary participated in the 2nd Workshop the EU-TEMPUS Project EDUWAT “Development of a Modern Higher Education System for Water Engineering in Syria” in TU Dresden
09 - 13 January 2011	Primary participated in the kick-off-Meeting the EU-TEMPUS Project EDUWAT “Development of a Modern Higher Education System for Water Engineering in Syria” in Damascus University
14 - 18 Oct. 2010	Participated in the international Seminar on “Ground water exploration, drinking water and waste water treatment” in the Sfax University in Tunes.
11 - 15 Oct. 2010.	Participated in the international Alumni Congress on “Security & Risk the Challenge Global Risk Management” in the Humboldt University of Berlin from 11 th to 15 th of October 2010.
05 - 18 Sep. 2010	Participated in IFAT-Summer school course held at University of Siegen (Germany) on "Waste and water management" and conducted presentation on "Special features of industrial wastewater treatment in Syria" .
14 - 28 March 2009	Participated in International Summer School course held at University of Ilmenau (in Germany) on “System Solutions to Integrated Water Resource Management” from 23 rd to 28 th of March 2009.
26 Jan. – 06 Feb. 2008	Scientific visit to Weihenstephan University for applied sciences in Germany to develop and execute a scientific experiment within the development of agricultural Higher Education Program (TEMPUS Project).
Sep. 2007 – Sep. 2008	Development of a new curriculum for the 5th year of study of agricultural and municipal engineering at the Faculty of Agricultural Engineering - Damascus University.
06 – 11 Aug. 2007	Participated in the “2nd International Congress on Environmental Planning and Management” in the Berlin University of Technology’s

25 July – 08 Aug. 2007	Participated in International Seminar „ Clean Drinking Water – A Millennium Objective “ in the Berlin University of Technology’s
Aug. 2006 – April 2007	Supervised the design and implementation of a sewage water treatment plant for dairy products Factory in the province of Hama, Syria as a representative of the executing company (TIA).
23 – 25 October 2007	Participation in the International ARCA-NET Conference on "Water Scarcity in the Middle East Conflict Potentials Coping Strategies" Held in Damascus University
27 – 29 Nov 2006	Participated in the EURO-ARAB conference for environment protection in Kuwait.
04 – 08 Dec. 2006	Participation in the 6 th International GEAR-Symposium and Workshop on "Sustainable Food Security and Environmental Protection" Held in Luxor Egypt
Aug. + Sept. 2006	Participated in the International Summer School course held at University of Rostock (in Rostock=Germany) on Essentials of Environmental Protection for Sustainable Agriculture.
Aug. + Sep. 2005	Attended a 2 month extensive training in a German company (TIA) specialized in the design and construction of industrial sewage water treatment. The training achieved its purpose to acquire the most recent experience in this field in order to transfer modern technology to Syria and the Middle East.
April 2005	Participated in IFAT-Summer school course held at University of applied Sciences Lippe and Höxter (in Detmold=Germany) on waste water treatment , funded by DAAD.
07 – 09 Feb. 2005	Training for trainers in Capacity Building for Integrated Solid Waste Management organized from Syrian Ministry of local administration and environment in Damascus
2002 + 2004	Supervised the graduation projects for 2 German students at the faculty of agriculture and environment protection at Rostock University, Germany in collaboration with Damascus governorate and Damascus University,
Nov. 2003	Participated in the International Symposium held by DAAD in Bonn, Germany to assess the achievements of DAAD over the past 5 years and to come up with the 5year strategy.
July 2002	Participated in International Summer School course held at Humboldt University in Berlin on Distant Education, funded by DAAD.
July + Aug. 2001	Participated in developing a machine to process agricultural waste into humidity storing pills at Rostock University in Germany. The project was funded by the German Committee for Academic cooperation DAAD
April 2000	Participated in the EURO-ARAB conference for environment protection in Rostock, Germany.

▪ Publications:

2017	Develop a remote control system for the operation of irrigation systems, Journal of Agriculture and Water in the Arab World, No. 22 - 2018
2014	Prepared the text book on Use of treated wastewater in agriculture for ACSAD & Agricultural Research Corporation
2013	Reference guide to systematic study and selection of technology of wastewater treatment plants - Ministry of Water Resources (Co-author)

2010	The impact of olive mill wastewater application on flow and transport properties in soils; Soil Tillage Research , Volume 107, Issue (1), March 2010, Pages 36-41.
2008 - 2009	Prepared the text book on agricultural machinery for Damascus University, Faculty of Agricultural Engineering.
2006	Prepared a study of Flotation Unit parameters used to contaminators in treated water; Damascus Journal Vol. (22)-No. (2)2006
1998/1999	Prepared the text book on agricultural machinery and maintenance for Ministry of Higher Education-Institutes of agriculture.
1996/1997	Prepared the text book on Forests machinery for Damascus University, Faculty of Agricultural Engineering.

08/06/2020

Moh.-Nasser HABOUB