

Curriculum Vitae

1	Family name	Al-Sa`ed		
2	First name	Rashed		
3	Date of birth	16.11.1958		
4	Nationality	Palestinian/German		
5	Civil status	Married		
6	Education / Professional studies			
	Dates (from-to)	Institution/Country	Degree/diploma	
6(a)	1977-1981	The University of Jordan/Jordan	B.Sc.	
6(b)	1981-1983	The University of Jordan/Jordan	M.Sc.	
	1983-1987	Technical University of Braunschweig/Germany	Dr.-Eng.	
7	Language skills Grade skill 1-5 (1 = basic, 5 = excellent, * = mother tongue)			
	Language	Speaking	Reading	Writing
	English	5	5	4
	German	5	5	4
	Arabic*			
8	Membership of professional bodies			
	<ul style="list-style-type: none"> • Jordan Engineering Association, Jerusalem Branch, Palestine • Association for Water & Waste Management (ATV/DVGWF), Hennef, Germany • German Engineers Association (VDI), Bonn, Germany • MED-REUNET/Mediterranean Network on Wastewater Reclamation and Reuse, Spain • Annals of Alquds Medicine Journal (Editorial Board Member) • Water Supply and Sanitation Collaborative Council (WSSC), USA • German-Arab Society for Environmental Studies, Frankfurt am Main, Germany • Palestinian Institute for Standards, Palestine • Palestinian Academy for Science and Technology, Palestine • Arab Union of Scientists and Researchers (AUSR) • Arab Healthy Water Association (AHWAA), Egypt • World Arab Translators Association (WATA), Belgium • Accredited Environmental Arbitrator, Palestinian Ministry of Interior 			
9	Other Skills (Environmental software)			
	<ul style="list-style-type: none"> • Water & sanitation programs: • Landfill modeling : • Text processing programs: 	Asim, Pond, Nitri-P, Denni, ANAWin and SANIX HELP program Windows, M.Sc. office package		
10	Name of organization currently working for and Present position in the organization	<ul style="list-style-type: none"> • Birzeit University/Water Studies Institute • Instructor and Senior Researcher 		
11	Years with the organization	Ten (10) years		
12	Key Qualifications			
	<ul style="list-style-type: none"> - Environmental education and research in three MSc programs, water and wastewater engineering, onsite sanitation, biosolids and reclaimed effluent recycling, environmental quality and pollution prevention, strategic and environmental impact assessment (SEA/EIA), environmental biotechnology, biofilters application for bioremediation, hygiene and environment, integrated waste management and cleaner production, public awareness programs and training. - Project management, more than 22 years of progressively responsible experience in the environmental field with emphasis on project management, personnel supervision and technical training, applied research and capacity building in water, sanitation and environment, technical advice and community service, management operation of water and sanitation facilities. - Engineering process design for water, sanitation, and landfills, design, layout, protective maintenance and monitoring of wastewater treatment facilities, decentralized and urban wastewater treatment plants, treatment of industrial wastewater and leachate, biowaste composting and recycling studies, landfill design, waste, water and wastewater lab analysis. 			

	<ul style="list-style-type: none"> - Technical advisor for national authorities and local municipalities on waste, water and sanitation aspects, memberships in national committees and international agencies working in water, sanitation and environmental sectors. - International business development and marketing activities in Jordan, Germany and Palestine, appraisal, translation, preparation of tender documents and reports writing, technical review of unit operation design and feasibility studies for waste, water and wastewater treatment facilities.
12	Professional Experience Record (relevant projects which he/she has directed or in which he/she has been involved)
	<p>MEDA project (January 2003- April 2007) Title: Efficient Management of Wastewater, Its Treatment and Reuse in the Mediterranean Countries Financing: EU Client Name: Water Studies Institute, Birzeit University, Palestine Position: <i>Member of the Technical Team</i>, Sanitary Engineer EU funded project, proposal development and technical writing, trainer and training programs development, project staff meeting, supervision of M.Sc. students offered by scholarships from the project, development of reuse guidelines, and design review of the onsite plant.</p> <p>AED/USAID Project (July 2004 – June 2006) Title: Development of an integrated UASB-multimedia biofilter system for wastewater treatment Project Financing: USAID Client Name: Water Studies Institute, Dept. Biology and Biochemistry, Birzeit University, Palestine Position: <i>Project Manager and Research Team Leader</i>, Sanitary Engineer Through the Ministry of Higher Education/Council for Scientific Research and Faculty of Higher Education at Birzeit University a proposal was developed and submitted, responsible for overall project development, project staff meeting, supervision of M.Sc. students supported by scholarships to work on biofilm characterization and development of an onsite treatment system.</p> <p>MED-REUNET II/INCO CT project (August 2004 – January 2005) Title: Hygienic assessment of Albireh reclaimed wastewater for processed crops irrigation Project Financing: EU Client Name: Water Studies Institute, Birzeit University Position: <i>Project Manager and Research Team Leader</i>, Sanitary Engineer EU funded project, proposal development and technical training workshop, project staff meeting, data analysis and final results discussion, final reports delivery and work on hygienic assessment of Albireh reclaimed wastewater for processed crops irrigation: guidelines development.</p> <p>UNESCO/Flanders project (October 2004 - October 2006) Title: Health risks from microbial growth and biofilms in drinking water distribution systems in Palestine Project Financing: UNESCO/Flanders Client Name: Water Studies Institute, Palestinian Hydrology Group. Position: <i>Project Manager and Member of Research Groups</i> Upgrading overloaded waste stabilization ponds using local natural fixed media; investigation of biofilm impacts in water networks; using anaerobic digester for domestic wastewater pre-treatment, proposal development and staff technical training, leading of project staff meetings, tasks coordination, report writing, design criteria development for upgrading of current overloaded urban sewage works, offer M.Sc. fellowships for student and thesis supervision.</p> <p>WHO/EMRO-TDR grants scheme for operational research (June 05 - July 2006) Project Financing: WHO Title: Assessing the quality of water at the household level and improving hygiene practice Client Name: Water Studies Institute, Birzeit University, and Palestinian Ministry of Health, Palestine. Position: <i>Co-Investigator and Member of Research Group</i> Assessing the quality of water at the household level and improving hygiene practice through identification of barriers that prevent them from changing to best hygiene practices, sampling and analysis of roof water tanks in three Palestinian rural communities; work supervision of research assistant, questionnaire development and data analysis, report writing and results dissemination via specialized workshop and publication of results.</p>

13	Experience in specific Mediterranean Partner Countries		
	Country	Date	Details
	Jordan	1977-1983	B.Sc. & M.Sc. studies; Project manager
	Greece	2003	One month research stay at Crete University, Crete
	Palestine	1996-to present	Advisor for the Palestinian Water Authority; Birzeit University
14	Professional experience record (mainly in one of the Areas of Activity)		
14(a)	Location	Date	Organization
	Palestine	1997 to present	Water Studies Institute, Birzeit University
	Position	Instructor and project coordinator	
	Responsibilities	<ul style="list-style-type: none"> • Education of three advanced M.Sc. courses in water and wastewater treatment • M.Sc. thesis supervision in various topics related to membrane technology • Overall project management and quality control • Coordination of project staff meetings and communication • Project development, report writing and results dissemination 	
14(b)	Location	Date	Organization(s)
	Germany	1983-1990 1990-1995 1995-1996	Technical University of Braunschweig/Braunschweig Dr. Sonnenburg Engineering Office/Hungen Acerplan GmbH/Halle an der Saale
	Position	Associate researcher and project manager	
	Responsibilities	<ul style="list-style-type: none"> • Research supervision of Ph.D. students and technical support • Research project guidance on wastewater treatment using biofilm materials • Research proposal writing and compile of final technical reports • Planning and design of several wastewater treatment plants 	
15	Publications		
	Authors	Date	Title/Journal/Volume(issue)/Pages
	<u>Al-Sa'ed R.</u> , & Mubarak, S.	2006	Sustainability assessment of onsite sanitation facilities in Ramallah-Albireh district with emphasis on technical, socio-cultural and financial aspects. <i>Management Environ. Quality: International Journal</i> , 17(2), 140-156.
	Fuqaha, A., & <u>Al-Sa'ed R.</u>	2006	Use of a two-stage biofilter system to enhance the effluent quality of a UASB pretreated domestic sewage. <i>Dirasat</i> . 33 (2), pp (in press)
	<u>Al-Sa'ed R.</u>	2006	Sustainability of natural and mechanized aerated ponds for domestic and municipal wastewater treatment in Palestine. <i>Water International</i> , (accepted).
	<u>Al-Sa'ed R.</u>	2005	Obstacles and chances to cut pollution load discharges from the urban Palestine. <i>Water International</i> , 30(4), 538-544.
	Nazer, D., <u>Al-Sa'ed R.</u> , & Siebel, M.	2005	Reducing the environmental and economic impact of the unhairing-liming process in the leather tanning industry. <i>J. Cleaner Production</i> , 14, 65-74.
	<u>Al-Sa'ed R.</u> & Zimmo, O.	2004	Process performance evaluation of the contact stabilization system at Birzeit University campus. <i>Intl. J. Env. Pollution</i> , 21(5), 1-7.
	Abu Madi, M., Braadbaart, O., <u>Al-Sa'ed R.</u> , Alaerts, G.	2003	Willingness of farmers to pay for reclaimed wastewater in Jordan and Tunisia. <i>Water Supply</i> , 3(4), 115-122.
	Zimmo, O., <u>Al-Sa'ed R.</u> , van der Steen, N., & Gijzen, H. J.	2002	Process performance assessment of algae-based and duckweed-based wastewater treatment systems. <i>Wat. Sci. and Tech.</i> 45(1), 91-101.
	Nwahda, A. and <u>Al-Sa'ed R.</u>	2001	Production of biologically stable water through process performance enhancement of Jericho Water Treatment Plant in Palestine. <i>Proceedings of the Conference on Innovations in Conventional and Advanced Water Treatment Processes</i> , Amsterdam, The Netherlands.