

LIST OF PUBLICATIONS

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1. Saad, M.A., "**The SMART Solution to Membrane Fouling Detection, Monitoring & Management**", submitted for presentation at and publication in the proceedings of the upcoming *IDA World Congress on Desalination & Water Reuse*, San Diego, California, USA, September 2015, IDA, Massachusetts, USA.
2. Saad, M.A., "**Evaluating RO Fouling Indicators: Real-Time Fouling Monitor vs. Silt Density Index**", *Arab Water World Journal*, November 2014, Vol. XXXVII No. 11, pp. 13-14; Chatila Publishing House, Beirut, Lebanon.
3. Saad, M.A., "**Overview & Trends of Membrane Desalination Technology & Privatization in MENA Region**", presented at and published in the proceedings of the *IDA Conference on Desalination & Sustainability*, Casablanca, Morocco, March 2012, IDA, Massachusetts, USA.
4. Saad, M.A., Nada, N., Bajunaid, A., Smaili, A. K., Blazevski, M., Senior, D., Haggmayer, G., "**Performance History of UF Membrane Pre-Treatment of Floating Barges' Red Sea RO Desalination**", presented at and published in the proceedings of the *IDA World Congress on Desalination & Water Reuse*, Perth, Australia, September 2011, IDA, Massachusetts, USA.
5. Saad, M.A., Bajunaid, A., "**Barge-Mounted Desalination Solution: From Emergency Domestic Supply to Disaster Relief**", presented at and published in the proceedings of the *IDA Conference on Desalination Industry Action for Good*, Portofino, Italy, May 2011, IDA, Massachusetts, USA.
6. Saad, M.A., "**Real-Time Monitoring of Membrane Fouling**", *Waste & Energy Thailand*, March-April 2008, TechnoBiz Communications Ltd., Bangkok, Thailand.
7. Saad, M.A., "**Quenching a Thirst for Desalinated Water Technology**, *An Overview of The IDA World Congress on Desalination & Water Reuse, Mas Palomas, Canary Islands, Spain*", *Water & Wastewater International Journal*, Vol. 22, Issue 6, December-January 2007, PennWell, Oklahoma, USA.
8. Saad, M.A., "**Word of the Expert: Water Privatization in the Arab World – Issues & Solutions**", *Arab Water World Journal*, Part 1: January 2007, Vol. XXXI No. 1, 96; Part 2: February 2007, Vol. XXXI No. 2, 96, Chatila Publishing House, Beirut, Lebanon.
9. Saad, M.A., "**Event Review: Jeddah Water & Power Forum 2006 – Opportunities & Solutions**", *Arab Water World Journal*, February 2007, Vol. XXXI No. 2, 80, Chatila Publishing House, Beirut, Lebanon.

10. Saad, M.A., "**Pushing The Limits: Optimizing Membrane Plants Via Correlating Fouling with Critical Flux**", presented at and published in the proceedings of the *International Desalination Association's Congress on Desalination & Water Re-use*, Singapore, September 2005, IDA, Massachusetts, USA.
11. Saad, M.A., "**Membrane Desalination for the Arab World – Overview & Outlook**", presented at the *First Forum on Water Desalination and Purification Technology Outlook for the Arab World* held by the Arab Science & Technology Foundation, Marrakech, Morocco, May 29-30, 2004. *Arab Water World Journal*, January-February 2005, Vol. XXIX No. 1, 29, Chatila Publishing House, Beirut, Lebanon.
12. Saad, M.A., "**Early Discovery of RO Membrane Fouling and Real-Time Monitoring of Plant Performance for Optimizing Cost of Water**", presented at and published in the proceedings of *EuroMed 2004 Conference on Desalination in Southern Mediterranean Countries*, Marrakech, Morocco, May 30-June 2, 2004. *Desalination* 165 (183-191), February 2004, Elsevier Science Publishers, Amsterdam, The Netherlands.
13. Saad, M.A., "**Manufacturer's Case Study: Smart Software Optimizes Membrane Plants**" –*International Desalination & Water Reuse Quarterly*, August/Sept. 2003, Vol. 13/2, pp. 45-49, Faversham House Group Ltd., UK.
14. Saad, M.A., "**Fresh Water for All: Status, Impact & Future Of Desalination In The Middle East & Mediterranean Countries**", *Arab Water World Journal*, July-August 2003, Vol. XXVII No. 4, 65, Chatila Publishing House, Beirut, Lebanon.
15. Saad, M.A., "**Desalination for a Better Future: The Technologies & The Innovations**", *Arab Water World Journal*, May/June 2002, Vol. XXVI No. 3, 33-35, Chatila Publishing House, Beirut, Lebanon.
16. Saad, M.A., "**New Innovations in the Global Desalination Market**", *Water Conditioning and Purification Magazine*, 1997, 60-64, Publicom, Inc., Tucson, Arizona, USA.
17. Saad, M.A., Joseph Richardson, "**Real-time Membrane Fouling Monitoring – A Case History**", *proceedings of the World of Water Conference*, Las Vegas, Nevada, USA, December 10-12, 2001. Also excerpted in *Industrial WaterWorld Journal*, Case Studies, January 2002, PennWell, Oklahoma, USA.
18. Saad, M.A., "**Waters from Another World**", *International Desalination Association News*, Volume 8, Issue 11-12, Nov./Dec. 1999, IDA, Massachusetts, USA.
19. Saad, M.A., "**Optimize Water Cost by Early Prediction of Membrane System Fouling Trends**", proceedings of the *International Desalination Association's 1999 World Congress on Desalination and Water-Reuse*, August 30-September 2, 1999, San Diego, California, USA, IDA, Massachusetts, USA.
20. Saad, M.A., "**Biofouling Prevention in RO Polymeric Membrane Systems**", proceedings of *NWSIA's 1992 Biennial Conference on Desalting and Recycling*, August 1992, Newport Beach, California. Also published in *Desalination*, 88 (1992) 85-105, Elsevier Science Publishers, Amsterdam, The Netherlands. Reprinted for *Water Quality Association* credit in *Water*

- Conditioning & Purification Magazine*, 36 (1995) 58-68, Publicom, Inc., Tucson, Arizona, USA.
21. Saad, M.A., Nancy Turner, "**Software for Analytical and Environmental Labs - A Case Study**", *Water Conditioning and Purification Magazine*, 37 (1995), 30-33, Publicom, Inc., Tucson, Arizona, USA.
 22. Saad, M.A., "**Pretreatment Requirements for Industrial Wastewater RO/Evaporator Systems in Zero Liquid Discharge Applications**", proceedings of *Watertech '91 Conference*, San Jose, California, November 1991. Also published in *Industrial Water Treatment*, 24 (1992) 18-28, and abstract published in *UltraPure Water*, Nov. 1991, Tall Oakes Publishing, Colorado, USA.
 23. Saad, M.A., M. Al-Arrayedh, B. Erickson, H. Yoshioka, "**Reverse Osmosis Desalination Plant, Ras Abu Jarjur, State of Bahrain - Two Years Operational Experience for the 46,000 m³/day RO Plant**", proceedings of the *International Desalination Association's World Congress on Desalination and Water Reuse*, Cannes, France, 1987, IDA, Massachusetts, USA. Also published in *Desalination*, 65 (1987) 197-230, Elsevier Science Publishers, Amsterdam, The Netherlands.
 24. Saad, M.A., "**Permasep[®] RO Plant Operating and Performance Experience in the Middle East**", proceedings of the *Fourth Arab Water Technology Conference*, Dubai, United Arab Emirates, October 1986.
 25. Reviewed, Edited and provided photography for an internationally-distributed advertising brochure published by DuPont, Wilmington, Delaware, 1986, entitled "**Potable Water for Bahrain**", on Ras Abu Jarjur RO Desalination Plant.