






COURSE AGENDA

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www.masar.com/training/masarcourse.html

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| I. WELCOME, INTRODUCTIONS & AGENDA/CD REVIEW | 1400–1415 |
| II. MEMBRANE PLANT FOULING MANAGEMENT | 1415–1500 |
| ❖ Objectives & Criteria of Effective Fouling Management | |
| ❖ Fouling Prevention & Control Strategies | |
| ❖ Identification of Fouling Types | |
| ➤ Biological Fouling | |
| ➤ Organic & TEP Fouling | |
| ➤ Colloidal & Iron Fouling | |
| III. FOULING, PERFORMANCE MONITORING & MEASUREMENT | 1500–1600 |
| ➤ Trending vs. Real-Time Fouling Measurement & Monitoring | |
| ➤ SWRO/NF Flux Decline & UF/MF Permeability Performance | |
| ➤ SMART TM Technology: The Innovative Solution | |
| ➤ Fouling & Non-Fouling Plant Case Studies | |
|  <i>SESSION BREAK</i>  | 1600–1615 |
| IV. MEMBRANE FOULING DIAGNOSTIC TOOLS | 1615–1645 |
| ➤ Seven Golden Rules of Troubleshooting | |
| ➤ Seven Practical Diagnostic Techniques | |
| V. MEMBRANE AUTOPSY & INSPECTION DEMONSTRATION | 1645–1730 |
| ➤ Demonstration of a Fouled SWRO Membrane Element | |
| ➤ Membrane Sampling, Fouling inspection and Testing | |
| VI. OPEN DISCUSSION, FEEDBACK & QUESTIONS | 1730–1800 |
| VII. CERTIFICATE AWARDS & CONCLUSION | 1800 |