



Dr. Saad Jasim, PhD, P.Eng
President of the International Ozone Association, former acting research director at QEERI and Joint professor at HBKU (Qatar Foundation), President, SJ Environmental Consultants (Windsor) Inc. Served as Director, Great Lakes Regional Office-International Joint Commission (IJC), Canada and USA. Founding CEO for the Walkerton Clean Water Centre following the outbreak tragedy. Introduced Ozone as primary disinfectant to the City of Windsor in 2001. Designed a water reuse system for Green House operation in Canada. Adjunct Professor at the University of Windsor, Canada.

Syllabus	C1- Climate Change and Water
Delivery & Duration	Online Classes Bachelor/Master-Ing./PhD 21meeting per week, 2 hour each
Who this programme is for	Graduate students (Bachelor, Master, Ing. , PhD)
Courses description Topics covered and Out of Class Assignments	<p>Understanding Climate Change challenges</p> <p>Climate change and Water Resources</p> <p>Water Availability and Stresses</p> <p>Risk Sensitive areas to Climate Change</p> <p>Water and Sustainable Development</p> <p>International Policy Agreements on Climate Change</p> <p>Water as a connector to support the implementation of global agreements</p> <p>Water Availability and Infrastructure</p> <p>Water-related extremes and Risk Management</p> <p>Human health impacts related to water, sanitation and climate change</p> <p>Agriculture and Food Security</p> <p>Water–Climate–Energy– Food–Environment Nexus</p> <p>Water-related impacts of climate change across countries and regions</p> <p>Technologies and innovations to meet Climate Change impacts Water Systems</p> <p>Water governance for resilience to climate change</p>
Certificate of Completion	Upon completion of a course, and once the participation has been verified, the candidate will receive an electronic certificate to download, print, and keep in his records Signed by the VLU/ Dr. Saad Jasim, P.Eng
Media Tools	Virtual courses / Zoom management by Sabaek for Education & Training (Bahrain)
Program Learning Outcomes (PLOs)	<p>Apply knowledge and skills to multi-disciplinary aspects of environmental sustainability.</p> <p>Develop products/solutions for environmental sustainability providing economic, social and technological impact.</p> <p>Analyze, interpret, and communicate findings related to Climate Change and impacts on sustainability of water systems.</p> <p>Independently analyze complex issues related to Climate Change, addressing multi-disciplinary facets.</p> <p>Collaborate with researchers/scientists and other professionals from industry and government, exhibiting the attributes leadership, social consciousness, integrity and professionalism</p>
Application Deadline	Send an e-mail to info@vluplatform.net to receive zoom invitation

