

Umica D'Souza MSc, LEED, PQP Buildings & Communities, GRI



Education:

MSc Sustainable Design of the Built Environment – The British University in Dubai, UAE & Cardiff University, UK
BSc Architecture – University of Nebraska Lincoln, USA

Summary:

Umica D'Souza is a Sustainable Architect having a professional track record with over 20 years of comprehensive experience working on high end mega mixed use developments and strategic master plan schemes worldwide worth billions in USD. Among her projects experience include, master planning, mixed use developments, smart infrastructure, retail, education, hospitality, superstructures, towers, high rises and low rises.

She is committed to addressing the urban issues of intelligent sustainable design in all projects undertaken. She authored the highly acclaimed "Delightful Dubai: A Programme: The City of Dubai, Manifesto Grande," exploring the rapid grand scale urbanization and infrastructure development of Dubai, UAE towards the smart city agenda. She founded The Green Business Club Middle East Chapter. She published 2 journal articles, 1 conference paper, spoken at a conference on Sustainable Development and Planning in Kos, Greece and exhibited at A Letter in Mind, A Sense of Place held in Gallery OXO in London, United Kingdom.

Umica is LEED Accredited and an Estidama Pearl Qualified Professional in Buildings and Communities. She has practiced on projects up to 10,000,000 sq.meters/ 2,471 acres.

Key Expertise:

Sustainability – Urban Design – Gender and Development – Architecture – Low Carbon Developments



Project History:

Welcome Heritage Group & Master Plan, Goa, India: Site Area 1,250,000 Sq.m

Madinat Zayed Master Plan, Abu Dhabi, UAE: Site Area 6,417,632 Sq.m

Al Wasl Hospital Master Plan, Dubai: Site Area 410,000 Sq.m

Resort Hotel, Mina Al Arab, Ras Al Khaimah, UAE: Site Area 76,700 Sq.m

Burj Khalifa Mixed Use Development, Dubai, UAE: Site Area 104,210 Sq.m

Research History:

The Dubai Marina Development Phase 1 & 2, Dubai, UAE: Site Area 260,000 Sq.m

Thesis: The thermal performance of green roofs in the hot, humid micro-climate

Publication History:

D'Souza, U., 2014. Measuring green roof performance, a solution to sustainable urban development in the UAE. International Journal of Sustainable Development and Planning, 9 (3): 376 - 388.

D'Souza, U., 2013. The Thermal Performance Of Green Roofs In A Hot, Humid Microclimate. WIT Transactions on Ecology and the Environment, Sustainable Development and Planning VI, 173: 475 - 486.