

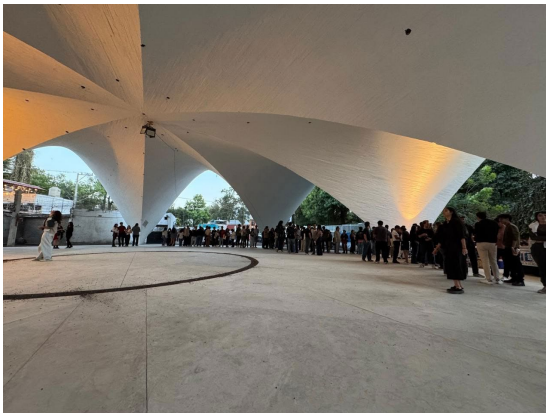


Marisela Mendoza Ramos

Associate Professor in Architecture – MArch Architecture Course
Leader – RIBA Part 2, Nottingham Trent University.

Research Area Keywords:

Historic concrete shell, preservation, conservation, structural morphology, adaptive architecture, circular economy.



Restoration of Los Manantiales, Mexico, 2025.

Dr Marisela Mendoza is an Associate Professor of Architecture and Course Leader of the Master's in Architecture (RIBA Part II) at the School of Architecture, Nottingham Trent University, UK. A recognised academic leader and influential figure in architectural education, she is a co-founder and active member of the Association of Architectural Educators (aae) in the UK. She also serves as Chair of the International Association for Shell and Spatial Structures (IASS) Working Group 17 on Historical Spatial Structures, demonstrating her ongoing commitment to advancing global discourse in architectural heritage and structural innovation.

Dr Mendoza is a leading researcher in the field of 20th-century historic concrete shell structures. Her distinguished scholarship was recognised with the prestigious RIBA Research Trust Award, enabling her to undertake a seminal study on the work of architect Félix Candela in both Mexico and the UK. Her research has made a significant contribution to the conservation and preservation of modernist concrete architecture, and she has served as a core member of the international research group Candela–Isler–Mutter. In this capacity, she acted as an external advisor on the restoration of Candela's iconic concrete shell, *Los Manantiales*, in Mexico City.

Expanding her impact into contemporary sustainable practices, Dr Mendoza's expertise in circular economy and adaptive architecture informs her current role within the Structural Morphology in Architecture Research Group at the Universitat Politècnica de Catalunya (UPC), Barcelona. Her interdisciplinary approach continues to shape academic, professional, and conservation frameworks internationally.

<https://smia-experimental.com>

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