

Environmental and Climatic Considerations Desert Heat and Wind: Many Arab countries, especially those in the Gulf region, experience extreme heat and shifting winds. Urbanism and the Skyward Vision Vertical Growth: As cities in the Arab world, like Dubai, Doha, and Riyadh, experience rapid urbanization and population growth, vertical growth is becoming essential. Iconic Skyscrapers: The Gulf region, particularly in cities like Dubai and Abu Dhabi, has become a hotspot for suspended, gravity-defying skyscrapers. Suspended architecture allows for high-rise towers, sky bridges, and even floating structures that maximize space without compromising the urban landscape. Use of Shadows: Elevating buildings also allows designers to take advantage of natural shadows, reducing the need for artificial cooling and lighting. This concept was historically important in traditional Arab architecture (e.g., mashrabiya screens), and it continues to be explored in modern suspended architecture. Suspended designs, like raised buildings or elevated walkways, can help with natural ventilation and cooling, creating a more comfortable environment. Elevating buildings off the ground reduces heat absorption, which can improve energy efficiency and comfort. These structures often symbolize a move toward a modern, forward-looking vision. 2.