

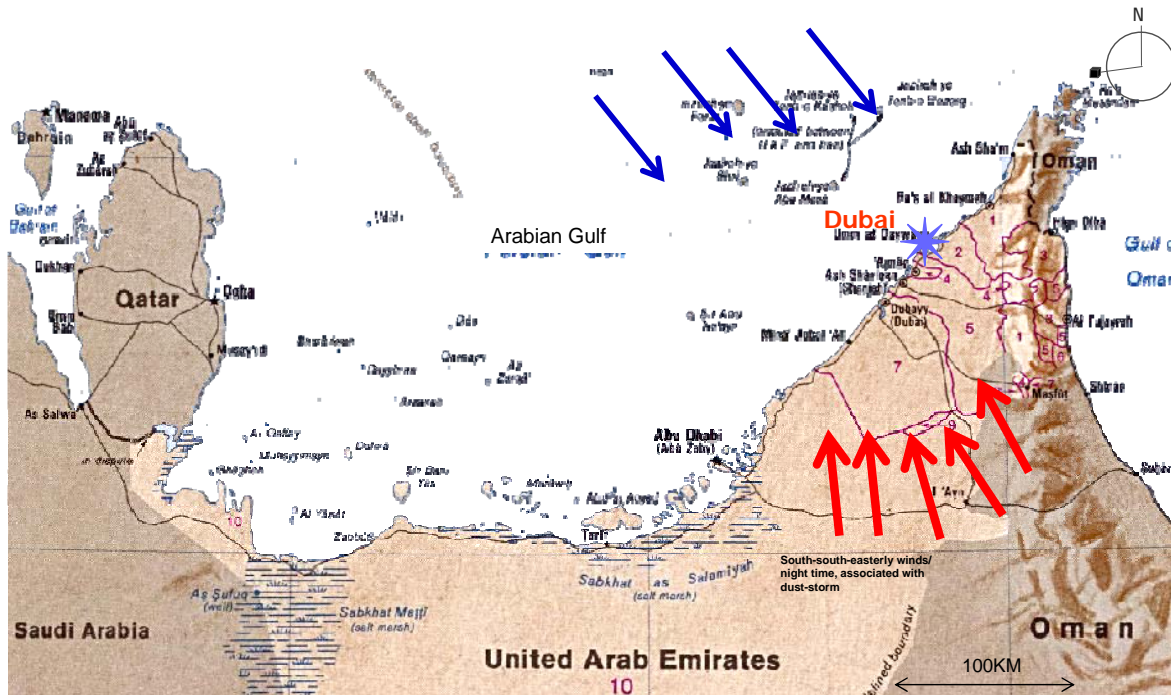
Competition Site

Design of Tall Emblem Structure At Za'abeel Park

April 2008



Locality

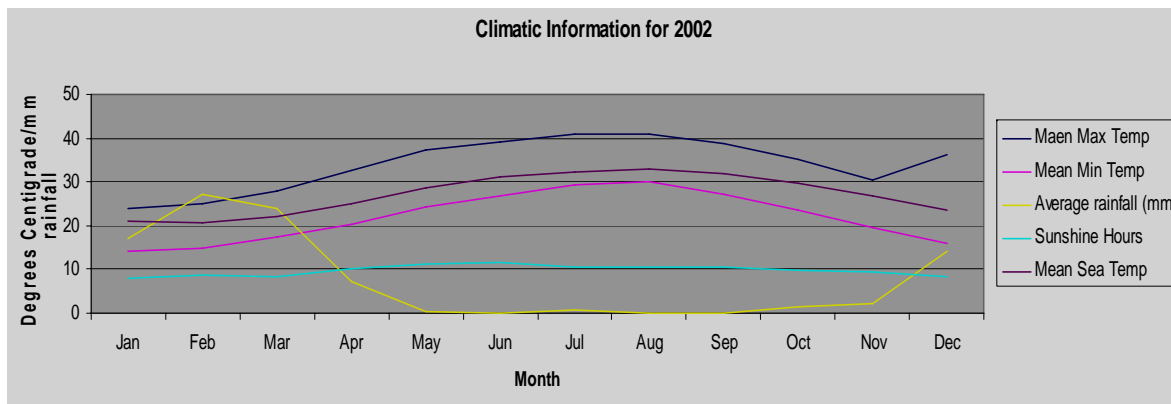


Dubai Climate

Generally Dubai Climate characterize by a long season (6-7 months) of hot & humid climate, and shorter season (4-5 months) of pleasant outdoor climate. This has significant impact on building design and managing the spatial organization of buildings, open spaces, and pedestrian environments.

- Dubai Situated between 22 and 26 degrees north,
- lies within a sub-region of the northern desert belt,
- characterized by scanty and erratic rainfall, high levels for temperature, and humidity,
- Winter and Summer sunshine reaches eight to eleven hours a day.
- Winds: Prevailing light to moderate north-westerly winds, known by their Arabic name *shamal*, meaning 'north', are associated with mid-latitude disturbances. Along the western coastal plain, sea breezes tend to dominate with light south-south-easterlies at night being replaced by moderate north-westerlies during daytime. This pattern changes on the east coast where the proximity of the mountains results in gusty and less predictable wind shifts. (Wind had its own characteristics and was known by a different name; thus, the main period of storms is *Al-Barih al-owd*, while the minor storm period is called *Al-Barih al-sagheer*. The first major *Shamal* occurring before summer is the *Al-Haffar*, or the driller since it drills huge depressions in the desert dunes. The second, arriving early June coincides with the dawn star, *Thorayya* (Pleiades) and is therefore named *Barih Thorayya*. Near the end of June, the last *shamal* arrives, known as the *Al-Dabaran*. It is a violent wind, continuing for several days).

Wind Rose: see http://www.windfinder.com/windstats/windstatistic_dubai.htm





The Location of the Competition Site



Za'abeel Park Major Constraints



The Competition Site Plan

The site cover approximately 2.00 hectares, and relatively flat at altitude of approximately 3.00m Dubai Municipality Datum (DMD). See also the following pages of this documents- photos of the site and the surrounding urban Contexts.



The Competition Site Plan

This Plan is available separately as an AutoCAD File

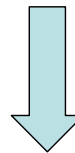
Site Related Aerial Photos

(most of the Aerial photos is from to Brian McMorrow website, as indicated on photos)

there are more than 300 photos about Dubai under the website of
Brian McMorrow:

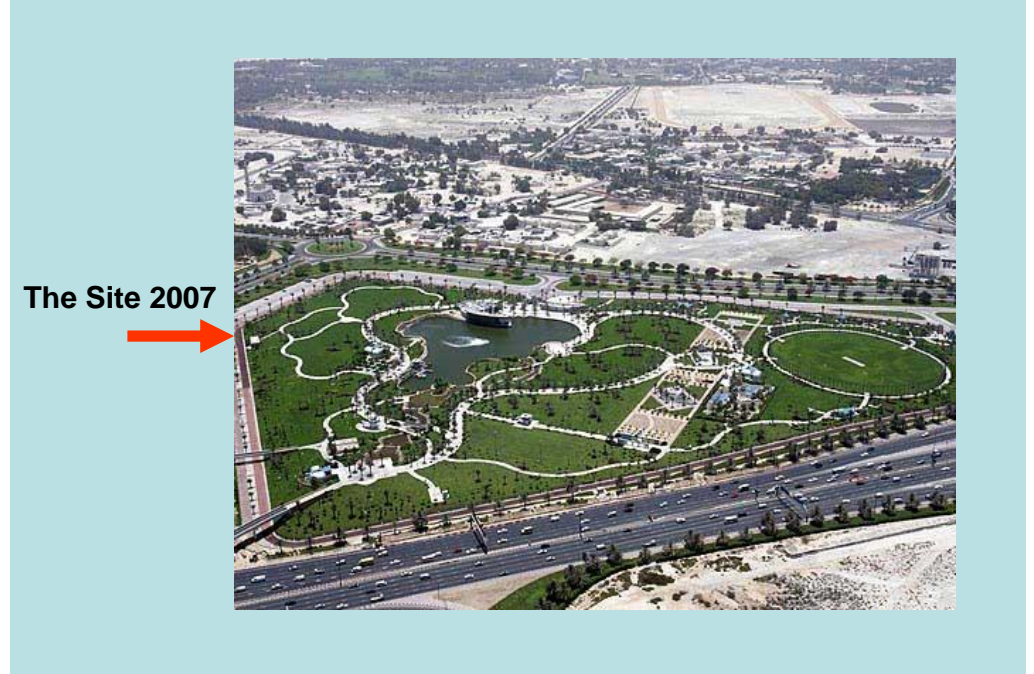
<http://www.pbase.com/bmcmorrow/dubaiaerials&page=all>

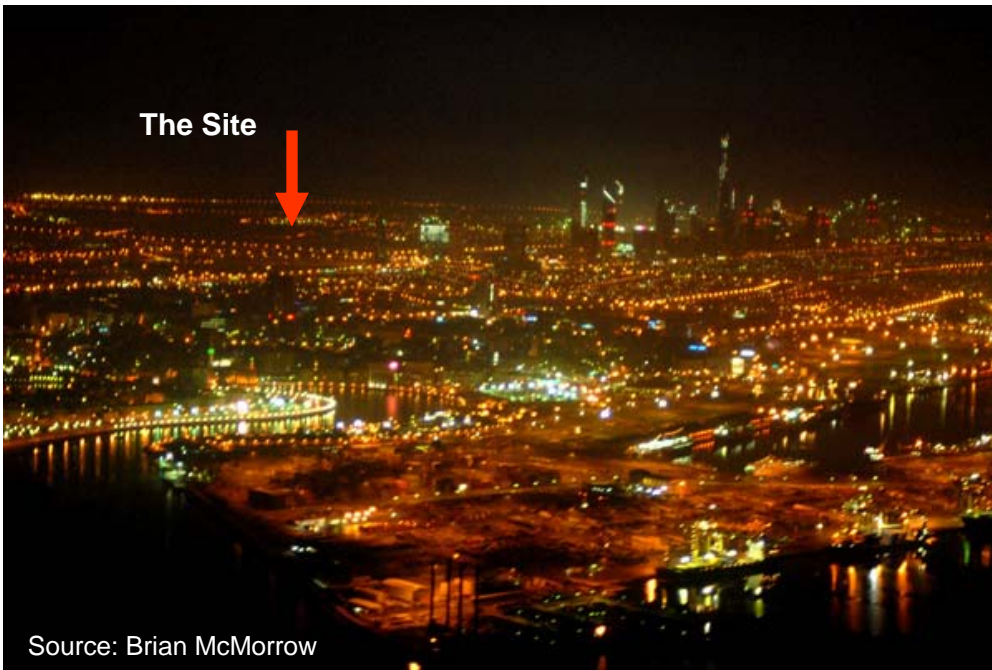
Note: High resolution photos may be purchased from the author





Sheikh Zayed Urban Corridor, 2004







The adjacent and surrounding environment





The entrance, the restaurant, and the public toilets





The Site Ground and space



Useful Information

About Dubai

<http://en.wikipedia.org/wiki/Dubai#Demographics>

Dubai Mega Projects:

<http://archive.gulfnews.com/megaprojects/index.html>

Acknowledgement

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