

Centre for Project Management & Construction Law

Public Seminar

Novel Approach to the Cost Management of International Hub Airport Project in Japan

By Dr Takayoshi Sato, President, Sato Facilities

12.30pm to 1.30pm, 20 May 2008, LR 425

Summary

The Central Japan International Airport (CJIA) is an offshore airport constructed on a man-made island in Ise Bay, Japan. It was built by the private sector and opened in 2005, as the third International Hub Airport in Japan. The construction of this airport gained the attention of the Japanese society, owing to the novel project management and control procedures adopted.

The construction of man-made island was behind schedule due to various technical issues and the reconciliation among the stakeholders. This sharply reduced the time left for the construction of the terminal building before the practical opening which was synchronized with the opening of the 2005 World Exposition, Aichi, near this airport. CJIA needed bold measures, and adopted the fast-track approach. This had never been done on any public sector project in Japan. Using lessons learned from previous projects, CJIA eventually, achieved a 15% cost reduction on its original budget of 768 billion yen, which had been deemed to be insufficient to complete the project, compared to previous public sector works.

Sato Facilities were cost management consultant for CJIA from its feasibility study stages. In the session, the firm's experience in this project will be presented with specific examples, such as benchmarking for feasibility studies, cost planning, various procurement methods, and value engineering.

Dr. Takayoshi Sato

Dr. Takayoshi Sato obtained his Bachelor of Architectural Engineering degree with a major in Construction Management in 1969 from the Hosei University in Tokyo, and his doctoral degree from the Hiroshima National University, Japan, in 2006. Dr Sato is President of Sato Facilities Consultants. He has worked as a Project and Construction Management Consultant in Japan and the UK. He has made substantial contributions to two major national projects: Central Japan International Airport; and the 2005 World Exposition in Aichi, Japan. He is also a key member of four major committees established by the Japanese Ministry of Land Infrastructure and Transport (MLIT) on "Construction Cost Management Systems", "Life Cycle Costing", "Value Engineering" and "Stock Management Technology in Public Facilities". Dr. Sato is the **Immediate past** Chairman of the Pacific Association of Quantity Surveyors (PAQS). He is also the Vice President of the Building Surveyors' Institute of Japan (BSIJ). Dr. Sato is the author of two books: "Cost Management for Construction Projects" and "Value Engineering in Construction and Its Practical application", and has contributed to two other books on building life cycle costs. He has also written a number of local and international journal papers.



The Seminar is FREE.

Please register before 14 May 2008.

REGISTRATION FORM

**Public Seminar:
Novel Approach to the Cost Management of International Hub Airport Project in Japan**

**Date: 20 May 2008
Time: 12.30pm – 1.30pm
Venue: SDE3, Level 4 – LR425**

Title: Prof / Dr / Mr / Mdm / Ms

Name: _____

Company: _____

Address: _____

Tel: _____ Fax: _____

Email Address: _____

Matric No (student): _____

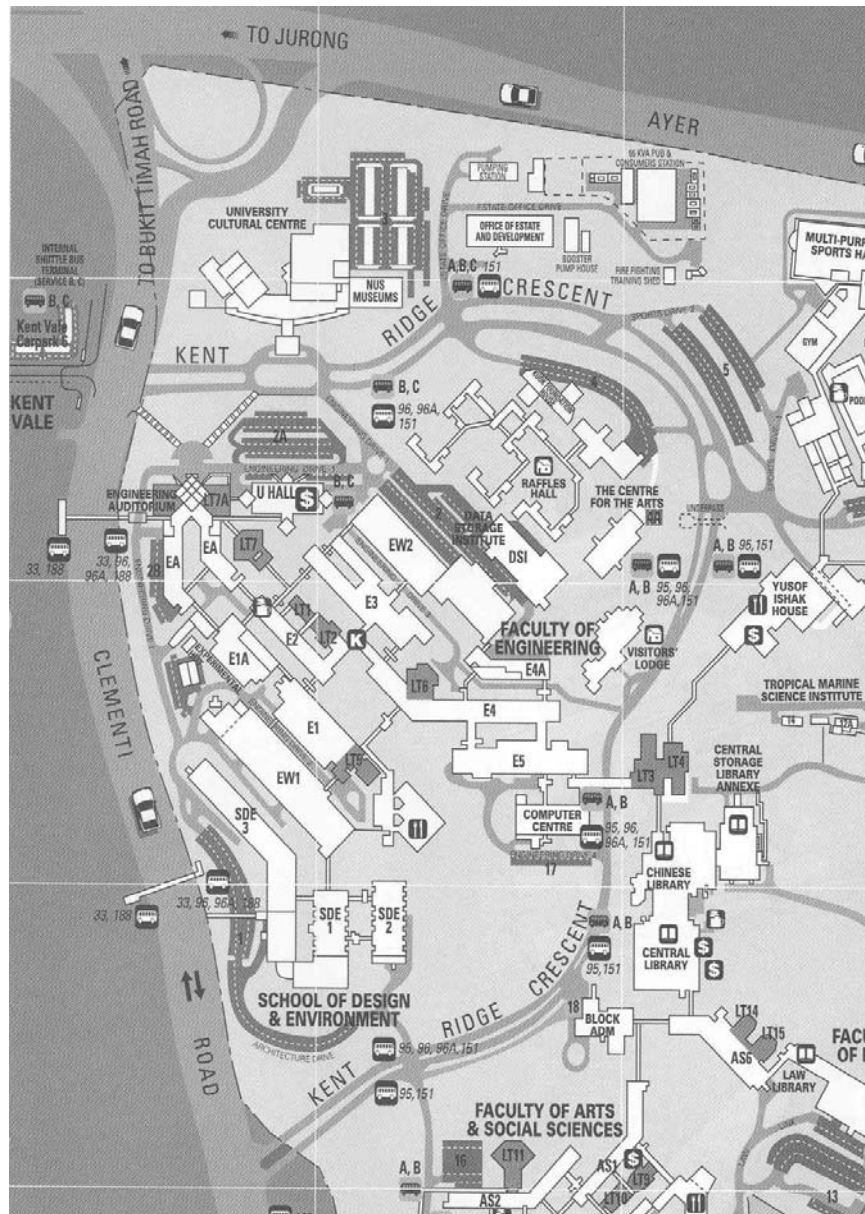
Please send the completed registration form to:

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Along Kent Ridge Crescent: Bus nos. 95, 96*, 151

(*96 may be boarded at Clementi Interchange, next to Clementi MRT station)

Campus map: <http://www.nus.edu.sg/campusmap/>

Parking in NUS

Motorists can choose to park FREE-of-charge at 2 fringe car parks, i.e. **Kent Vale Car Park 6** and the **CRISP Car Park** (Car Park 10A) at Kent Ridge Road next to King Edward VII Hall. They can take the **Internal Shuttle Bus (ISB) Service** from there to various campus locations. Visitors and students may park their vehicles in WHITE-coloured lots at the pay car parks at the rate of 1.5 cents per minute. All RED-coloured parking lots are strictly reserved for staff holding the appropriate NUS season passes. A ticketless, licence plate recognition technology system is in operation at all pay car parks. Payment is by CashCard only.