

DEPARTMENT OF CIVIL ENGINEERING

SEMINAR

Jointly organized by

Department of Civil Engineering, The University of Hong Kong
Institute of Transport Studies, The University of Hong Kong

Airfield and Airport Terminal Designs

Mr. William F. Yim

Guest Speaker, Aviation Consultant,
Senior Planner, Santa Barbara County Association of Governments, California (Ret.)

Date: 3 June, 2014 (Tuesday)

Time: 6:00 pm - 7:00 pm

Venue: Room 6-12B, Haking Wong Building, The University of Hong Kong

ABSTRACT

Airport congestion has been an ongoing challenge for major airports around the world. Airport congestion constrains capacity, significantly recalculates the costs of delay and environmental concerns, and most importantly creates tremendous inconvenience to the travelling public. According to a recent study, flight delays caused by air traffic congestion at the three New York airports alone were responsible for more than \$2.6 billion in losses to the regional economy in 2008. Constantly making airport improvements to satisfy the ever-increasing air travel demand is only a bandage solution. Even so, such solution would be at the mercy of the scarce resource - land availability. A better solution would be to examine how airfield configurations and airport terminals of current world-class airports were designed. Such research would allow more effective solutions to be developed to improve the efficiency of airport operation and new airport design. Studying various airport runway configurations would provide insight on the relative impacts between airfield designs and capacity. Researching various airport terminal design concepts would allow a best choice of planning options to be developed for efficient operation to meet future demand. This presentation highlights various airfield and airport terminal design concepts to aid planners and engineers to plan more efficient airport systems for the future.

ABOUT THE SPEAKER

Mr. Yim is a 35-year veteran in the field of aviation and transportation planning and has been involved in all aspects of airport planning for his entire career. His work included many US hubs across the country, including the New Denver, Great Cincinnati, Washington National, Minneapolis St/Paul International, and Santa Barbara Municipal just to name a few. He was a part of the Technical Review Committee for the State of California Airport Land Use Handbook Updates for the last two decades and has recently retired from the Santa Barbara County Association of Governments (SBCAG), a Metropolitan Planning Organization (MPO) and the Airport Land Use Commission (ALUC) for the County of Santa Barbara in California after 20 years of service. Prior to joining SBCAG, he was a senior airport consultant specializing in airfield, airspace and environmental planning. Mr. Yim is also a long time Toastmaster and a frequent speaker at international planning and engineering organizations and universities, including the University of California, Santa Barbara (UCSB), California Polytechnic University at Pomona, and the Charter College at Oxnard, California. His recent presentations included the “Spatial Designs of the New Beijing Daxing International Airport” at UCSB, and two papers to the International Chinese Professional Planning Association (ICTPA) Annual Conference in Beijing on “China’s Challenges in Airport Land Use Compatibility Planning” and “The Next Generation of Air Transportation System (NextGEN)”. Mr. Yim holds a Masters Degree in Aviation and Transportation Planning from London, England.

- ALL ARE WELCOME -

Enquiries: NO registration is required. For enquiries, please contact
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Free parking is available at HKU. To be eligible for free parking, please bring along your parking ticket to the Lecture Venue for validation.