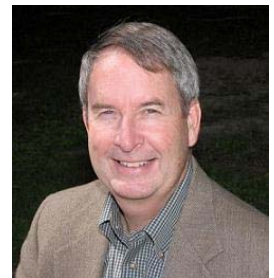


CSIS Seminar

Seminar on Mathematical Modeling for Facility Location

Date and Time: Tuesday December 13, 2016, 15:00-17:00,
Venue: Room 802, Faculty of Engineering Bldg. 14,
The University of Tokyo.

Speaker: Prof. Richard Church,
Department of Geography,
University of California, Santa Barbara,
USA



Title: The Maximal Covering Location Problem:
historical development and the new research frontier

Abstract: The field of location science involves the placement of one or more facilities or activities within a problem domain. Current research involves the development of new model forms, specialized algorithms and heuristics, better approaches to visualization, tighter integration with GIS and CAD systems, and better forms of spatial representation. Within this field, there are a number of classic problems, which include the p-median problem, the simple plant location problem, the location set covering problem and the maximal covering location problem. This presentation is focused on the Maximal Covering Location Problem. It includes a discussion of its historical development, and why together with the location set covering problem, it has formed the roots of an ever expanding set of models, applications, computational challenges, and new theoretical elements.

Language: English

Participation: Free of charge. Please contact the following email address: (lecture@ua.t.u-tokyo.ac.jp) for your participation **by December 6th**.

Organizer: Daisuke Watanabe, Tokyo Univ. of Marine Science and Technology

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