International Symposium on Life Cycle Assessment

Toward the Promotion of Green Procurement using Environmental Hotspot Analysis

Date and time: October 31, 2014, 10:00–12:00

Venue: Shoukou Kaikan, Tokyo, Kasumigaseki

Organized by

Tokyo City University

National Institute of Advanced Industrial Science and Technology (AIST)

Waseda Institute of Political Economy (WINPEC), Waseda University

Supported by

Japan Environmental Association

Japan Environmental Management Association for Industry

Objective

Review criteria for the items based on the so-called “green purchase” law cover a variety of environmental problems. The insufficiency of the information related with “materiality” of potential environmental impacts has been pointed out toward the promotion of real environment-conscious products in the market.

LCA (Life Cycle Assessment), a method for evaluating environmental impacts from the viewpoint of product life cycle, is now paid attention internationally to claim the superiorities of green products. European Commission recommended the use of LCA and started to carry out pilot studies for the implementation of environmental footprint in industries. The Sustainability Consortium in the United States uses streamlined LCA for a hundred of products. These results were shared with retailer companies to apply them for the promotion of green products in the market. UNEP/SETAC Life Cycle Initiative launched a flagship project for the development of environmental hotspot analysis (EHSA). It is expected that EHSA facilitates finding out the “hotspot” of environmental impacts effectively using the technique and experiences of LCA studies.

In order to obtain the reliable evaluated results, it is critically important to consider the spatial differences in the assessment. Evaluated results of environmental performances with the scientific method considering Japanese environmental conditions should thus be shared with various stakeholders for the promotion of green purchasing in Japan. With this background, Tokyo City University, National Institute of Advanced Industrial Science of Technology, Waseda Institute of Political Economy, and Japan Environment Association have launched a collaborative project for the development of the method and inventory dataset for EHSA and the application of them to Japanese products with the financial support of Japan Science and Technology Agency. The outputs of this project can be implemented newly to the society for the improvement of the reliability of environmental labels and are expected to be used as a platform for the green procurement of products based on reasonable and convincing review criteria.

We invited Professor Guido Sonnemann (University of Bordeaux) who leads the flagship project of EHSA in UNEP/SETAC Life Cycle Initiative to this symposium. He will introduce the objectives and progresses of the flagship project. Furthermore, the organizers of this symposium will present the aim of the collaborative research project and existing inventory database and LCIA methodology to be used for EHSA. We hope that this symposium would inspire international cooperation toward the establishment of environmental assessment method contributing to the realization of a green innovation society.

This event is organized with a financial support by the program “Science of Science, Technology and Innovation Policy” in Research Institute of Science and Technology for Society (RISTEX), Japan Science and Technology Agency (JST).

Program

10:00–10:05 Opening Address
Shinji Yoshizaki (Tokyo City University)

10:05–10:45 Environmental hotspot analysis in UNEP/SETAC Life Cycle Initiative
Guido Sonnemann (University of Bordeaux)

10:45–11:00 Overview of the research project for environmental hotspot analysis
Norihiro Itsubo (Tokyo City University)

11:00–11:15 Brief introduction to IDEA and its Application to EHSA
Kiyotaka Tahara (National Institute of Advanced Industrial Science and Technology)

11:15–11:30 Brief introduction to WIO and its Application to EHSA
Yasushi Kondo (Waseda University)

11:30–11:45 Brief introduction to LIME and its Application to EHSA
Norihiro Itsubo (Tokyo City University)

11:45–12:00
Question and Answer / Discussion

12:00
Close the symposium

Symposium Information

Date: Friday, October 31, 2014

Symposium site: Shoukou Kaikan Room “6G” (6th floor)

3-4-2 Kasumigaseki, Chiyoda-ku, Tokyo 100-0013, Japan

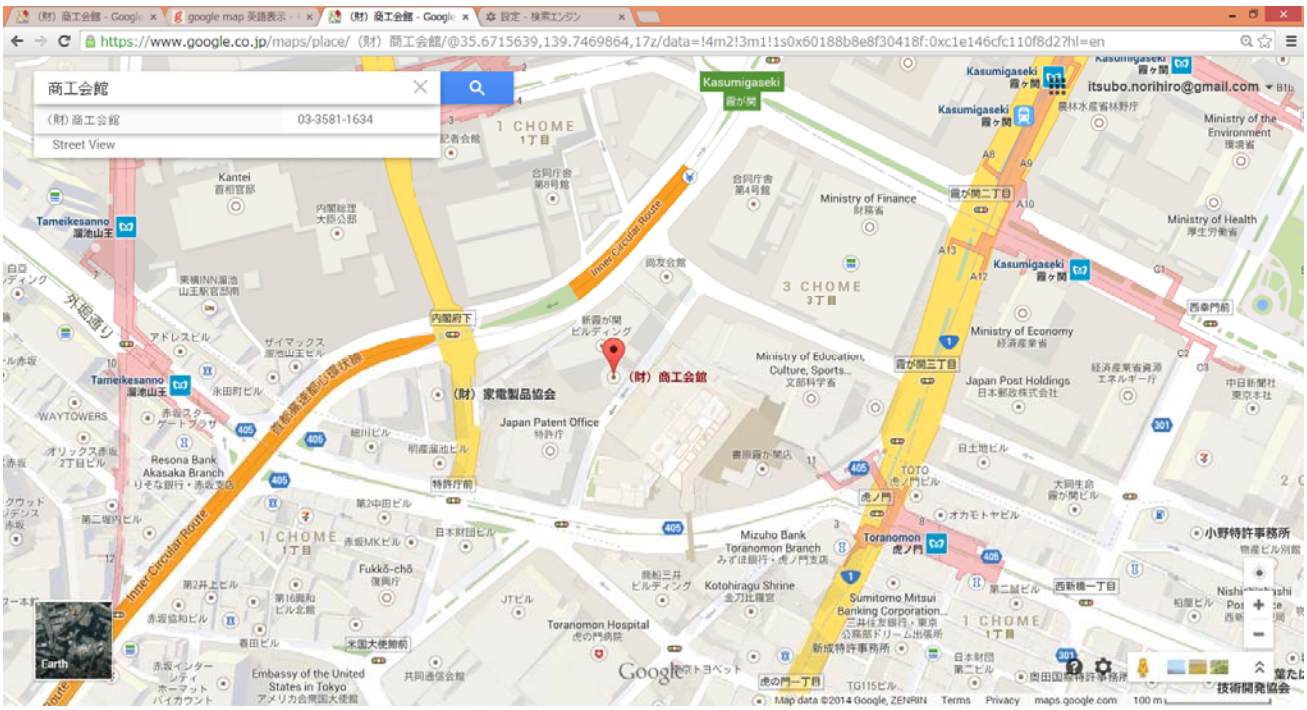
http://www.jade.dti.ne.jp/~shoko-on/access/index.html

会場　一般財団法人　商工会館　〒100-0013　東京都千代田区霞が関 3-4-2

Registration fee: Free of charge 会費：無料

Language: English

Symposium site maps, Access to Shoukou Kaikan



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締め切り：2014 年 10 月 28 日（火） Application deadline: October 28 (TUE), 2014

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Please fill out your information and send your reply form to the following address.

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I will participate in “International Symposium on Life Cycle Assessment: Toward the Promotion of Green Procurement using Environmental Hotspot Analysis”

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