# 演講通告

演講者：長谷川　浩 博士（Dr. Hiroshi HASEGAWA)

（日本東北農業研究中心）

（日本有機農業研究會 秘書長）

演講題目：

(一) 3 月 23 日上午 10 時(台灣大學農藝館 112 室)

Organic Agriculture in the Mature and Stable Stage, with a brief Introduction of History of Organic Agriculture in Japan

有機農作質量穩定之境界 – 兼論日本有機農業史

(日文演講，江文章教授翻譯)

(二) 3 月 25 日下午 2 時(中興大學農藝學系作物科學大樓國際會議廳) (英文演講)

Opportunities for (1) Weed Management of Organic Rice Cultivation, and (2) Participatory Research and Development for Organic Agriculture

聯絡人

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**Education:** Crop science and Agronomy, Graduate School of Nagoya University (1982-1988).

**Job:** Hokuriku National Agricultural Experiment Station (1988-1996). University of California, Davis (1996-1998, as a visiting scientist). Tohoku National Research Center (1998 to present).

**Society**： The general secretary of Japanese Society of Organic Agriculture Science (2004 to present).

## Major publications (in Japanese):


Hasegawa, H. Usui, Y. Puddlings as a Means of Pre-plant Paddy Weed Management in Organic Farmers' Fields of Northeastern Japan. Japanese Journal of Organic Agriculture Science (submitted).

Hasegawa, H. (2008) The current status of seed banks and *Monochoria vaginalis* in organic farmers' paddy fields. Journal of Organic Agriculture Resaerch. 8: 94-108.

Hasegawa, H. (2007) Toward establishment of methodology for organic farming ststems. Journal of Organic Agriculture Resaerch. 7: 225-234.

Hasegawa, H. Furukawa, Y. (2005) Current status of soil chemical properties under organic management. Journal of Organic Agriculture Resaerch. 5: 203-216.


## Major publications (in English):


Furukawa,Y. Hasegawa, H. (2006) Response of spinach and komatsuna to biogas effluent made from source-separated kitchen garbage. Journal of Environmental Quality. 35: 1939-1947.

Hasegawa, H. Furukawa, Y. Kimura, S. D. (2005) On-farm assessment of organic amendments effects on nutrient status and nutrient use efficiency of organic rice fields in Northeastern Japan. Agriclture Ecosystems and Environment. 108: 350−362.

Hasegawa, H, Denison, R.F. (2005) Model predictions of winter rainfall effects on N dynamics of winter wheat rotation following legume cover crop or fallow. Field Crops Research 91:251-261.

Hasegawa, H., (2003) High-yielding rice cultivars perform best even at reduced nitrogen fertilizer rate. Crop Science 43: 921-926.