

## Invitation

Growing uncertainty over the future status of water, energy and food resources in light of the devastating scenario of global warming has led the world to strive to seek solutions for the perennial development of humankind. Recent developments in biomass technology have raised the unexpected issue of the crop resource trade-off between energy crops, feed crops and food crops. CIGR has been dedicated to developing world water resources, to modernizing world food production and to conserving our environment with the commitment of agricultural engineers and scientists from CIGR member nations. The challenge currently faced by us for the coexistence of humankind throughout the world is to find a method to balance our resource utilization and energy development; this task might well be termed as a CIGR mission.

In 2011, all engineers, scientists and affiliates from 7 technical sections of CIGR will meet in Tokyo to discuss the updated controversial issues on water, energy and food along with the latest technological development that the world would seek.

*Prof. Taichi Maki*

*Chair of the National Organizing Committee*



## Sponsors

- SCJ (Science Council of Japan)
- JAICABE (Japan Association of International Commission of Agricultural and Biosystems Engineering) and
- CIGR (International commission of Agricultural and Biosystems Engineering)

## Organizations

### **International Program Committee (IPC)**

Chair: Prof. Haruhiko Murase  
Vice Chairs: Prof. Shujun Li  
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### **National Organizing Committee (NOC)**

Chair: Prof. Taichi Maki  
Vice Chairs: Prof. Haruhiko Murase  
Prof. Masaharu Komamura  
Prof. Takemi Machida  
Secretary: Prof. Emeritus Takaaki Maekawa

## Contact

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## SUSTAINABLE BIOPRODUCTION

# WEF 2011

## CIGR International Symposium On

"Sustainable Bioproduction  
- Water, Energy, and Food"

19-23 September, 2011

Tokyo, JAPAN

<http://www.cigr2011.org/>

### Call for Papers

### First Announcement

Sponsored by SCJ, JAICABE & CIGR





## Programme

The Scientific Programme will be included plenary sessions, parallel oral sessions and poster sessions.

Technical and post symposium tours will be organized.

### Symposium Theme

Sustainable Bioproduction - Water, Energy, and Food

#### 1. Main topics:

- 1) Evaluation, Investigation and Utilization of Agricultural Productive Environment for Sustainable Bioproduction
- 2) Increment of Safety, Security and High Quality of Food Production necessitated for Human Kind
- 3) Environmental Preservation for Agricultural Production on Water and Energy

#### 2. Special Invited Lectures:

- 1) Water and Agricultural Production
- 2) Energy and Agricultural Production
- 3) Food Production and Agricultural Environment

#### 3. Special Presentation Section:

- 1) Global Warming and Agricultural Disasters based on Abnormal Weather
- 2) Greenhouse or Bio-Factory of Solar Radiation Type
- 3) IT and Automated Robot based on Agricultural Systems

#### 4. Expected Meeting by CIGR Section Boards:

- 1) Land and Water Engineering
- 2) Farm Buildings, Equipment, Structures and Environment
- 3) Equipment Engineering for Plants
- 4) Energy in Agriculture
- 5) Management, Ergonomics and Systems Engineering
- 6) Post-harvest Technology and Process Engineering
- 7) Information Systems

## Call for Papers

### Abstract Submission Form :

It will be available from Symposium website soon.

(<http://www.cigr2011.org/>)

### Subject Areas:

- 1) Soil and Water in Agriculture
- 2) Facilities and Environment
- 3) Equipment Machinery and Structures
- 4) Electric Power, Wind Energy, Solar Energy and Biomass Energy
- 5) Operative Management of Post Harvest
- 6) Paddy Field Agriculture
- 7) Upland Field Agriculture
- 8) Arid Land Farming
- 9) Food Production
- 10) Agricultural Robot and Bio-Robotics
- 11) Remote Sensing
- 12) Risk, Security and Safety on Agriculture
- 13) General or Miscellaneous Topics

**Information for authors:** Submit an abstract limited to 500 words, including the title of the paper. List the names and affiliated organizations of all authors in the abstract. The abstract should be self-contained, concise, and informative. It should describe the research objectives, methods used, and the major findings.

### Symposium Language:

The official language of the symposium will be English. All the papers should be sent in English

## Important Dates

Submission of abstract: 1 July , 2010

Notification of acceptance: 1 August , 2010

Initial manuscript submission: 1 April , 2011

Critiqued manuscript returned to authors: 1 June , 2011

Final camera-ready manuscript submission: July 1, 2011

**Early registration due: 1 July , 2011**

**Registration due: 1 August, 2011**

Symposium: 19-23 September, 2011

## Registration dues:

Participants are encouraged to take advantage of early bird registration by completing a **Registration Form** and paying lower registration fees on line. The registration fees are calculated in JP Yen.

## Location:

The Symposium venue will be the Tower Hall Funabori in Tokyo, Japan. It is located in the South-East area of Tokyo and it takes about one hour from Tokyo International Airport by limousine bus and train. The location of the Hall is very convenient to go around Tokyo which is very attractive and exciting.

