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**CALL FOR  
ENVIRONMENTAL RESEARCHERS IN DEVELOPING COUNTRIES  
FOR THE PROJECT ON  
INVITATION TO JAPAN FOR ENVIRONMENTAL RESEARCH (PIER) 2011**

January 2011

International Center for Environmental Technology Transfer (ICETT)

**PREFACE**

Recently, a lot of areas in Asia have been suffered from industrial and urban pollution due to rapid growth, modernization, and popularization. Furthermore, such environmental problem may get to global warming issues. Our organization, International Center for Environmental Technology Transfer (ICETT) has been making efforts to transfer environmental conservation technologies, pollution prevention technologies and administrative know-how to many countries and areas above, through custom designed projects sponsored either Official Development Assistance (ODA) or some local governments' official budget for international cooperation.

(For more information on ICETT, please visit the URL: <http://www.icett.or.jp>)

**OUTLINE OF "PIER" PROJECT**

ICETT is pleased to inform a new environmental project on *Invitation to Japan for Environmental Research (PIER)*, that invites research fellows who work in governments or higher academic institutions in Developing countries, in order to let the researchers to extend their studies more in cooperation with advice of Japanese institutes.

This is a prestigious project being in accordance with the fundamental principle of "2005 World Exposition, Aichi, Japan"<sup>\*1</sup> that was closed in September 2005. For the sake of contributing the environmental conservation both at global and local level, we are willing to provide the overseas researchers for opportunities that they can freely undertake his/her research.

(\*1 What is the philosophy of the 2005 World Exposition, Aichi, Japan?: To explore and propose about the Nature's Wisdom by global harmony and people's exchange in the way of 21<sup>st</sup> centuries.)

Therefore, we expect that the project opportunity be fully utilized for the study on environmental technology towards sustainable development by the researchers, and then, to give back or transferred some of the result to their society.

This project funds are donated from many people concerned to the 2005 World Exposition, Aichi, Japan<sup>\*2</sup> established in the end of March 2007. The project will be conducted every year until 2011 for five years.

(\*2 For more information, please visit the Website: <http://www.expo2005.or.jp/>)

## **INVITATION**

We would like to call for the participation to the mentioned PIER project. Interested researchers are welcomed to apply for the project: please read the following plan and conditions. Also, please specify what you would like to clear up and draft your proposal how to study in Japan.

Selected academic committee members in Japan and ICETT will review your contents applied, then if it is wonderful and meets the needs/preference of host-institution (such as independent administrative institution, university or graduate school), ICETT will invite a total of five (5) selected researchers to Japan for 240 days individually. Not only direct application but also recommendation someone for it is highly appreciated.

Please come and join the project!

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### **1. Name of the project**

The project on Invitation to Japan for Environmental Research (PIER) 2011

### **2. Purpose of the invitation**

The research fellows in developing countries will study the environmental technology development in Japan, with the support of host-institute, for a certain period.

The researcher will disclose the result through one's office in order to contribute to the environmental conservation in one's area/ country by both disclosure and technology transfer after returning.

### **3. Areas of the environmental research**

Should be chosen by the following four (4) areas:

- Air quality conservation issue,
- Water quality conservation issue,
- Waste treatment, recycling technology or creation of a recycling society issue, or
- Prevention of global warming, energy issue

However, the research topic may not necessary to be "most advanced" type. Being low cost, easy-to-apply, and effective to environmental protection will also be acceptable. A new and unique idea of the applicants is encouraged.

### **4. Number of researchers to be invited**

Five (5) persons in 2011.

### **5. Period of invitation**

240 days that includes both arrival and leaving days. (However, it may be shortened due to the applicant's proposal or condition of host-institute.)

Invitation should be one-time event. No one extend the period in the same or next year.

As a rough schedule, the start of actual research (in Japan) will be around June or July 2011.

## 6. Outline of the schedule

240 days schedule is as follows.

Period	Activity	Implementing agency
On arrival	Meeting at the airport → Move to the accommodation → Application of alien registration → Sending to the host-institute → Payment of temporary allowances (May take 1 - 2 days)	ICETT
A few days after arrival	Orientation on the life in Japan and research activity. <ul style="list-style-type: none"> <li>• Explanation on the common working rule</li> <li>• Review and hearing of environmental research issue</li> <li>• Research target setting</li> <li>• Discussion on the whole schedule</li> <li>• Consensus building on the mentioned above</li> </ul> (May take 2 – 3 days)	Host-institute
Then...	Start of full-research	Host-institute
Study trips (Several times in the staying period)	Chances of study trips for several times according to the schedule planned by the host-institute. The trip includes the program to visit factories/ companies or areas concerned to the research issue, and to exchange information with the people in the organizations. Also, program to understand Japanese nature and cultures is inclusive. <ul style="list-style-type: none"> <li>• Period: About 1 - 4 day(s) per one trip.</li> <li>• Task: Interim progress report should be made in one of the trips.</li> <li>• Member of the party: Up to two (2) advisors from the host-institute. ICETT member may also partially join in.</li> </ul>	Host-institute & ICETT
To the end	Final Report presentation and Evaluation meeting. If successfully achieved, certification will be awarded to the researcher. <ul style="list-style-type: none"> <li>• The researcher must submit 2 copies of (a) the final technical paper and (b) its presentation material in slides. Submission individually to the host-institute and to ICETT.</li> <li>• By paper documents and digital data.</li> <li>• ICETT member join in the presentation and evaluation meeting.</li> </ul>	Host-institute & ICETT

On Leaving	Procedures for leaving for home → Check out the accommodation → Seeing off at the airport	ICETT
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## 7. About the Host-institute

Certain research laboratories or units in academic institutions (such as independent administrative institution, university or graduate school) would be the host-institute. Based on the specified research topic and requests from both applicants (=overseas researchers) and the institutes in Japan, the Selection committee and ICETT will make the proper arrangement to adjust them.

After some coordination, then finally, ICETT will inform the result to the applicant whom to be the finally selected nominee.

## 8. Countries that can participate in this project

Developing countries listed in the DAC List<sup>\*3</sup> can apply to this project.

(\*3 DAC List: see → [http://www.oecd.org/document/45/0,2340,en\\_2649\\_34447\\_2093101\\_1\\_1\\_1\\_1,00.html](http://www.oecd.org/document/45/0,2340,en_2649_34447_2093101_1_1_1_1,00.html))

Especially for the countries and regional association/ commonwealth who had taken part in<sup>\*4</sup> **the 2005 World Exposition, Aichi, Japan**, ICETT is willing to send information individually to their Embassy, Ministry of Environment, Ministry of Industry, Universities, etc. as much as possible in order to encourage their application. Means to provide the information are mainly by **E-mail** (and Fax).

(\*4 see the end of this information.)

## 9. Requirements for application

Applicants should:

- be environmental technical researchers in the office of governmental institutes, universities or graduate schools in the countries mentioned above;  
Even if falling under the right office category, researchers who are engaging in clerical or planning works cannot apply;
- be *basically* graduate of the graduate school (= should have taken at least the degree of Master);
- have more than five (5) years of practical working experience in the field of environmental research work, but not inclusive of internship period;
- be proficient in listening, speaking, writing and reading English for both living and the work.  
(In the all indicators, your answer should be ranked in the top 2 categories out of 4, by self-enumeration method. → See the “application form-A”. If you have an official scores of English proficiency tests such as TOEFL or TOEIC, please attach the copy as much as possible);  
Note: If a researcher is found unable to achieve the research objectives due to language capability, he or she may be sent back to home country.)
- be *basically* under forty-five (45) years of age;
- be in good health, both physically and mentally, to undergo the activity.

Note 1: For the smooth preparation of invitation arrangement, applicants should obtain one's boss's prior approval.

Note 2: Applicants should submit (a) Application (Form A), (b) Abstract of current environmental research report (or Technical Paper), and (c) the institutional brochure.

- The application form should be filled in English.
- Form A: Consists of personal information, research experience information, motivation and expectation to the project participation, language skills and health information, and covenant clause. Please don't forget to fill/paste the signature in graphical mode.
- Form B: The guideline of report structure and contents are shown in the end of the application form as Annex. Please check it.
- Institutional brochure that tells the organization structure and related information.

All of these documents are used for the selection.

Note 3: Even though meeting all conditions, a person cannot apply if temporarily resides in Japan.

## **10. Selection method**

The Selection Committee composed of technical researchers and ICETT will screen and select the primary nominees in consideration for both the nominees and host-institutes so as to meet their requests/ preferences.

If the application forms being not fully neither written nor fully submitted, it may bring disadvantages to the applicant but the selection committee doesn't inform.

## **11. Manner of giving notice**

The result of nomination will be notified by ICETT through E-mail then postal mail as well.

For the finally selected person, ICETT will send detailed information on staying in Japan and references for the research activity.

A complete dossier on invitation also is sent by registered express mail or courier service.

(The finally selected person is requested to send the agreement back to ICETT, as well as to start the preparation of passport and VISA application. This information will be provided respectively.)

## **12. Reference: Treatments on invitation**

Air ticket: A round-trip air ticket in discount economy class between ICETT-designated international airport of the researcher's country and Japan, provided by ICETT;

Accommodation: An accommodation for single occupancy, located near from the research laboratory will be arranged and lent free by ICETT. Being attached bath, furniture, home appliances, cooking utensils, dinnerware, etc. are all equipped. Utilities cost such as water, lightning and heating expenses and Internet connection fee will also be covered by ICETT.

Some of additional commodities such as iron shall be lent by ICETT.

However, communication bill such as mobile phone should be paid from the researcher's own pocket;

Meal fee and daily allowance: Daily, 4,900 Japanese Yen will be paid based on the regulation of ICETT that includes the meal fee and basic allowance. However if the researcher comes from the country that doesn't conclude the Bilateral Tax Agreement with Japan or even does, if there contains special exemptions in the statement, the person should pay the given (=20) % age of the daily allowance to the Japanese Revenue Office.

Additional payment shall not be provided while the researcher goes for field trip.

On returning home, a small allowance for book shipping will also be prepared by ICETT.

Expense of Travel: Expense between the airport and accommodation, and official field trip will be covered by ICETT based on the regulation. A bicycle will be lent free individually for the daily purpose.

Medical & travel expenses: Covered by taking out insurance by ICETT. However, costs related to preexisting illness, pregnancy, or dental treatment are not included. This insurance is only effective from the day of arrival till the end of leaving Japan. Therefore, the overseas researcher must consider the insurance while on boarding international flight by oneself.

### **13. Other essential consideration**

The applicant should agree that:

- the contents answered in the application form are true;
- to submit the 3 documents in a set: Form A, Form B and organization brochure;
- to understand that this project funds were donated from many people concerned to the 2005 World Exposition, Aichi, Japan (<http://www.expo2005.or.jp/>);
- to complete the given periods for environmental research work and achieve success;
- Intellectual property right from the research achievement would be shared by the researcher and his/her host-institute. However, the two sides agree that ICETT may use only for the purpose of disseminate the project result for public relations activities, to the extent provided in individual agreement. In case, the two sides approve ICETT to disclose the information without charge;
- while staying in Japan, to follow the rules of host-institute and terms and conditions of PIER;
- while staying in Japan, not to work nor receiving rewards due to visa regulations;
- in case of being from the country that does not conclude the Bilateral Tax Agreement with Japan, one is obliged to pay general income tax from the daily allowances provided by ICETT;
- overseas travel during the period of staying in Japan is not allowed;
- bringing one's any family member and/or living together is not allowed. Also, sharing the room with someone is prohibited, due to the rental agreement;
- after returning, one will disclose the research information for further technology dissemination/transfer, and one will be willing to do concrete actions in tangible way such as advise younger researchers in the office belong or practical application of the technology;
- even after returning, one will be willing to keep in touch with one's host-institute and ICETT in order to strengthen information exchange.

#### 14. Before coming to Japan

Please study Japanese basic information and survival Japanese conversation by yourself, in order to survive life and enjoy the full period of staying independently.

#### 15. Application due, required documents and the deadline

By the noted date, please submit application documents to ICETT.

(1) *Prior* deadline: **March 18, 2011 (Fri)**.

(2) Location to submit **International Center for Environmental Technology Transfer (ICETT)**

**Address: 3684-11 Sakura-cho, Yokkaichi City, Mie 512-1211 Japan**

URL: <http://www.icett.or.jp>

**Attention: Etsuko Minamikawa/Ms**

Phone: +81-59-329-3500, Fax: +81-59-329-8115, **E-mail: [mami@icett.or.jp](mailto:mami@icett.or.jp)**

(3) Required items: (please refer the attached application form.)

A: Application form A. (on personal info, research activity, questionnaire on language skill and health condition, agreement, signature, etc.)

Written in English. In A4 (210 x 297mm) or letter size (8.5 x 11inch) paper.

B: Form B. Abstract of the current environmental research report or technical paper.

C: Organization brochure in English. Please mark your section belong to in an organization chart so that the selection member can recognize to where the applicant is.

(4) Way of submission: Please send all documents (of A, B and C in MS-Word and others) attached **by E-mail**. As for the part of filling in the signature, please stick your scanned sign in graphic mode.

(5) When to send, you **should put the word of “PIER” on the subject title either on E-mail**.

(6) The submitted documents will not be returned.

#### 16. For inquiry

International Center for Environmental Technology Transfer (ICETT)

Address: 3684-11 Sakura-cho, Yokkaichi City, Mie 512-1211 Japan

Attention: Etsuko Minamikawa/Ms (the Project Manager)

Phone: +81-59-329-3500, Fax: +81-59-329-8115, E-mail: [mami@icett.or.jp](mailto:mami@icett.or.jp)

URL: <http://www.icett.or.jp> (Original message of this document available.)

We are looking forward to receiving your application!

Annex: Official countries and areas who participated in “the 2005 World Exposition, Aichi, Japan” among Developing countries (Categorized by Ministry of Foreign Affairs, Japan):

**[Central Asia, Eastern Europe & New Independent States]**

Bosnia and Herzegovina  
 Georgia  
 Kyrgyz Republic  
 Republic of Armenia  
 Republic of Azerbaijan  
 Republic of Croatia  
 Republic of Kazakhstan  
 Republic of Tajikistan  
 Republic of Uzbekistan  
 Ukraine

**[Middle East]**

Hashemite Kingdom of Jordan  
 Islamic Republic of Iran  
 Republic of Turkey  
 Republic of Yemen

**[Africa]**

Arab Republic of Egypt  
 Burkina Faso  
 Democratic Republic of Congo  
 Democratic Republic of Sao Tome and Principe  
 Federal Democratic Republic of Ethiopia  
 Federal Republic of Nigeria  
 Gabonese Republic  
 Islamic Republic of Mauritania  
 Kingdom of Morocco  
 Republic of Angola  
 Republic of Benin  
 Republic of Burundi  
 Republic of Cameroon  
 Republic of Chad  
 Republic of Cote d' Ivoire  
 Republic of Djibouti  
 Republic of Ghana  
 Republic of Guinea  
 Republic of Kenya  
 Republic of Madagascar  
 Republic of Mali  
 Republic of Rwanda  
 Republic of Senegal  
 Republic of South Africa  
 Republic of the Congo  
 Republic of Tunisia  
 Republic of Uganda  
 Republic of Zambia  
 Republic of Zimbabwe  
 State of Eritrea  
 The Great Socialist People's Libyan Arab  
 Jamahiriya  
 The Republic of the Sudan  
 United Republic of Tanzania

**[Asia]**

Democratic Socialist Republic of Sri Lanka  
 India  
 Islamic Republic of Pakistan  
 Kingdom of Bhutan  
 Kingdom of Cambodia  
 Kingdom of Nepal  
 Kingdom of Thailand  
 Lao People's Democratic Republic  
 Mongolia  
 People's Republic of Bangladesh  
 People's Republic of China  
 Republic of Indonesia  
 Republic of the Philippines  
 Socialist Republic of Viet Nam

**[Oceania]**

Federated States of Micronesia  
 Independent State of Papua New Guinea  
 Independent State of Samoa  
 Kingdom of Tonga  
 Republic of Kiribati  
 Republic of Palau  
 Republic of the Fiji Islands  
 Republic of the Marshall Islands  
 Republic of Vanuatu  
 Solomon Islands  
 Tuvalu

**[Latin America and Mexico]**

Argentine Republic  
 Belize  
 Bolivarian Republic of Venezuela  
 Dominican Republic  
 Republic of Bolivia  
 Republic of Costa Rica  
 Republic of Cuba  
 Republic of Ecuador  
 Republic of El Salvador  
 Republic of Guatemala  
 Republic of Honduras  
 Republic of Nicaragua  
 Republic of Panama  
 Republic of Peru  
 United Mexican States