



**IAEA**

International Atomic Energy Agency

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

## FAX Cover Sheet

**Page 1 of 13 total pages**

**Date** 13-02-2013

**Addressee(s):**

AS PER ATTACHED LIST

**External Information Copies:**

AS PER ATTACHED LIST

**Reference: C7-RAS7021**

**Subject: IAEA/RCA Regional Training Course in Basic Ocean Sampling Practices in Member States, 26-30 May 2013. Terengganu, Malaysia**

Dear National RCA Representatives and National Project Coordinators,

In accordance with the agreed plan of activities of the RCA project – Marine benchmark study on the possible impact of the Fukushima radioactive releases in the Asia-Pacific Region (RAS/7/021), I am inviting your Government to submit nominations for the above-mentioned event, which is organized from Sunday 26 – Thursday 30 May 2013, details of which and requirements for participation are given in the attached Prospectus.

Please inform us not later than **15 March 2013** of suitable candidates for this event with the duly completed and endorsed nomination form. Kindly note that the holding of the above training will be subject to the official confirmation of the Government of Malaysia.

Thank you for your cooperation.

Best regards,

Kesrat Sukasam  
RCA Focal Person  
Division for Asia and the Pacific

**In case of incomplete transmission, please call +43 1 2600 ext 24295**

**Asia and the Pacific**



# International Atomic Energy Agency

## IAEA/RCA Regional Training Course in Basic Ocean Sampling Practices in Member States

### PROSPECTUS

**Project Number****and Title:**

RAS/7/021 – Marine benchmark study on the possible impact of the Fukushima radioactive releases in the Asia-Pacific Region (RCA)

**Place:**

Terengganu, Malaysia

**Dates:**

Sunday 26 to Thursday 30 May 2013 (in line with official working days of the host institution)

**Deadline for Nominations:**

**15 March 2013** (Please note that it will not be possible to consider the applications received after the deadline due to administrative reasons.)

**Organizers:**

The International Atomic Energy Agency (IAEA) in cooperation with the Government of Malaysia

**Host Country****Organizer:**

Mr Abdul Kadir Ishak  
Malaysian Nuclear Agency  
Bangi  
43000 KAJANG, Selangor  
MALAYSIA  
Tel.: 0060 3 89112000  
Fax: 0060 3 89282977  
EMail: [abdul\\_kadir@nuclearmalaysia.gov.my](mailto:abdul_kadir@nuclearmalaysia.gov.my)

**Language:**

English

**Purpose:**

The purpose of the training course is to provide basic practical tuition and experience in contemporary ship-based methods for collection and preparation of marine environmental samples such as sediments, seawater and particulate matter in coastal waters for subsequent radionuclide analyses.

**Expected****Output:**

Participants will acquire knowledge and practical experience in:

- documentation for marine sampling campaigns (position, depth, time, salinity, temperature, additional hydrographic parameters, weather conditions, mapping etc.);

- operation of oceanographic equipment for collection of seawater and sediments from coastal (<100m) waters;
- pre-treatment and storage of the samples for further analytical procedure;
- application and interpretation of ship-board oceanographic probe data for sample site selection;
- pre- and post-cruise protocols for cruise preparation (including Occupational Health & Safety (OH&S) requirements) and subsequent sample treatment/storage.

**Scope and Nature:**

The course will comprise lectures, practical workshops and oceanographic sampling on board a research vessel in coastal waters of Malaysia (South China Sea). Training will be provided in sampling strategies and approaches; OH&S considerations; practical preparation for field work; basic oceanographic skills for site selection (i.e. interpreting CTD, PDR, ADCP, etc data); collection of seawater and sediment samples for radionuclides; and post-cruise sample treatment (e.g. sediment core slicing). Participants will be provided with printed guidelines and lectures notes.

**Background Information:**

In view of the Fukushima Daiichi nuclear power plant accident of March 2011, the Member States of the Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (RCA) have requested a new RCA project in support of a marine benchmark study on the possible impact of the Fukushima radioactive releases in the Asia-Pacific Region. The proposed project aims to enable RCA Member States to evaluate the extent and the possible impact of the releases of radioactivity from the Fukushima Daiichi nuclear power plant into the marine environment and to make scientific assessments of the data.

A number of training courses have been organized to enhance national capacity in the marine radioactivity monitoring and sampling. In the area of oceanographic sampling for radionuclides, several RAS/7/021 National Project Teams have little to no experience. In view of the high cost of marine sampling programmes, in addition to the long processes that have to go through for the analysis of materials for radioactive marine contaminants, proper skills must be acquired by study teams in order to select appropriate sampling locations and maintain sample integrity in order to correctly interpret data produced from the study programme both in local and regional context.

To fill the gap and enhance their technical capacities, **two** regional training courses on Ocean Sampling Practices will be organized, one at the basic-level, and the other one at the “advanced-level”. For effective participation, the participating countries will be selected to attend the training courses, based on the level of existing technical knowledge and

experiences as well as the plan and activities stipulated in the national work plans.

This is the **basic-level** training course, with the focus on practices of basic ship-board sampling operations. This course will be useful for the new entrant countries, which did not actively participate in the former RCA project.

Similar training course at the **advanced level** will be organized in 2014. The participating countries, which have technical skills, experiences and capability will gain more benefits from the advanced-level course. In any case, it is planned that each eligible participating country will be invited to take part in the ocean sampling practices only once under the framework of this project, either at the basic-level or the advanced-level.

**Participation:** The RTC is open for a maximum of **16** participants. The RAS/7/021 participating countries, especially the new entrant countries which have no or only limited skills & capability in coastal/marine environmental sampling for radionuclides but plan to implement these activities under their National Work Plans, are encouraged to participate. Two nominations should be submitted.

**Participants' Qualifications:** The course is aimed at persons who will be responsible for the collection of marine environmental samples for monitoring and/or assessing the radiological impact of nuclear discharges on the marine environment. The nominated person need not have prior experience with marine environmental sampling for radionuclides but the ability work at sea is important. Technical/profession qualifications in environmental sciences such as oceanography, radiochemistry, etc are desirable.

**Nomination Procedure:** Nominations (**including those of local participants**) should be submitted on the standard IAEA Application Form for Training Courses (available on the IAEA web-site: <http://www.iaea.org/>) Completed forms should be endorsed by relevant national authorities and returned to the Agency through official channels, i.e. the office of the National RCA Representative.

The applications should contain sufficient information to establish the nominees have the required qualifications. The nominated candidate may not be selected if sufficient information is not provided.

Applications must be received by the International Atomic Energy Agency, P. O. Box 100, A-1400 Vienna Austria, not later than **15 March 2013**. Nominations received after this date or which have not been routed through established official channels, cannot be considered.

Advanced nominations through facsimile (+43-1-2600-7), or e-mail (Official@iaea.org) are welcomed. The facsimile / e-mail should contain the following basic information about the candidate: name, date of birth, academic qualifications, and current position including the exact nature of the duties carried out, proficiency in English and full contact address including telephone/email/facsimile numbers.

**Training on Basic  
Security in the Field  
(BSITF):**

It is recommended that the training course participants complete the courses *Basic Security in the Field: Safety, Health and Welfare (BSITF)* and *Advanced Security in the Field (ASITF)*, prior to traveling to locations where UN security phases are in effect. The aim of these courses is to educate participants on how best to avoid or minimize potential dangers and threats, and to show what individuals can do if they find themselves in insecure situations.

The courses are available on the following UN websites that can be accessed using Microsoft Internet Explorer:

- BSITF: <http://dss.un.org/BSITF/>
- ASITF: <http://dss.un.org/ASITF/>

If you have difficulty using the websites, a CD-ROM can be obtained from your IAEA National Liaison Officer or from IAEA.

Once the candidate has completed the courses and passed the accompanying exams, certificates will be generated automatically and must be printed for submission to the IAEA (either as an e-mail attachment or by fax). Copies of the certificate should be kept by the candidate for his / her records, as they are valid for a period of three years.

**Administrative  
and Financial  
Arrangements:**

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details on the procedures to be followed with regard to administrative and financial matters.

Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to **Terengganu, Malaysia** and a stipend sufficient to cover the cost of their accommodation, food, and minor incidentals. Shipment of accumulated training course materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the training course do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a

participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

**SAMPLE FORM (2 PAGES): which can be downloaded from the website:**

<http://www.iaea.org/technicalcooperation/How-to-take-part/train-course/index.html>



**INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)**  
 WAGRAMER STRASSE 5, P.O. Box 100, A-1400 VIENNA (AUSTRIA)  
 TELEPHONE (+43 1) 2600, FACSIMILE: (+43 1) 26007  
 E-MAIL: Official.Mail@iaea.org, TC WEB SITE: http://www-tc.iaea.org

## NOMINATION FOR TRAINING COURSE

Note: This form cannot be used to apply for a fellowship or scientific visit

**The Government of** .....

nominates the following candidate for the **Training Course** on (indicate short title, place, dates, project/course number):

<input type="checkbox"/> Female <input type="checkbox"/> Male Family name: (as in passport) First name: <b>Complete mailing address (office):</b> Inst. Name:  Street: P.O. Box:                      Post Code: Town/City: Region/District: Country: <b>Airport/town nearest to residence:</b>	Date of birth: Place of birth: Nationality: Passport No.: Date of issue: Place of issue: Valid until: Telephone (office): Telephone (home): Fax: e-mail: WEB Page: Emergency phone:	Recent photograph of candidate
---	---	--------------------------------------

### EDUCATION (commencing with secondary school)

Years attended		Name and place of institution	Field of study	Diploma or degree
from	to			

### RECENT EMPLOYMENT RECORD

Years of service		Name and place of employer/organization	Title of position	Type of work
from	to			

### DESCRIPTION OF WORK

Type of work done by the candidate during the past 3 years (Please attach list of any material the candidate may have published)

Is the candidate covered under a radiation surveillance programme in his/her home country?     yes     no

Has the candidate been, or will he/she be, involved in any IAEA-supported Technical Co-operation project?  
 (Please identify project and describe the nature of the candidate's involvement.)

<b>PREVIOUS PARTICIPATION IN AN IAEA ACTIVITY</b>																						
Has the candidate participated in a previous IAEA activity? If yes, please list each activity below.																						
<input type="checkbox"/> <input type="checkbox"/>																						
<b>RELEVANCE OF THE TRAINING</b>																						
How is the Government going to make use of the training received by the candidate at the course?																						
<input type="checkbox"/> <input type="checkbox"/>																						
<b>LANGUAGE CERTIFICATE</b>																						
I, as a qualified language examiner, hereby certify that I have examined the above candidate and give the following information on his/her language qualification:																						
(a) Mother tongue of the candidate <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																						
(b) Other languages <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																						
(c) Language of the course <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 15%;">Read</td> <td style="width: 15%;">Write</td> <td style="width: 15%;">Speak</td> <td style="width: 15%;">Understand</td> </tr> <tr> <td rowspan="3" style="text-align: center; vertical-align: middle;">Proficiency in the language of the course</td> <td style="text-align: center;"><input type="checkbox"/> Good</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Average</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> Poor</td> </tr> </table>						Read	Write	Speak	Understand	Proficiency in the language of the course	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor
	Read	Write	Speak	Understand																		
Proficiency in the language of the course	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good																		
	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average																		
	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor																		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																						
Date			Name (printed) and signature of examiner																			
<b>MEDICAL CERTIFICATE</b>																						
I, as a qualified medical doctor, hereby certify that I have examined the above candidate and found him/her in good health, free from infectious diseases and able physically and mentally to carry out any relevant duties away from his/her home.																						
<input type="checkbox"/> <input type="checkbox"/>																						
Date			Name (printed) and signature of examining physician																			
<b>GOVERNMENT STATEMENT</b>																						
The nominating Government gives the following assurances:																						
a) All information supplied in this form is complete and correct.																						
b) Should the candidate's language qualification prove to be insufficient or should the candidate's state of health not correspond to the examining physician's statement, the nominating Government will accept the responsibility for the consequences and any costs arising therefrom.																						
c) It is noted that the sponsoring organization(s), host country(ies) and host institution(s) do not accept liability for the payment of any costs or compensation arising from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the training course, and if, the nominating Government, undertakes the responsibility for such coverage.																						
d) The position of the candidate will be retained for him/her and he/she will continue to receive during the training course a salary and related emoluments to enable him/her to meet his/her financial commitments in his/her home country.																						
e) If selected, the nominee will conduct himself/herself in a manner compatible with his/her status as a participant and will refrain from engaging in any political and commercial activities.																						
f) No facts are known to the Government regarding the reliability and character of the applicant which would obstruct giving him/her access to nuclear installations or institutions where ionizing radiation is used.																						
<input type="checkbox"/> <input type="checkbox"/>																						
Date			Name and title (printed) and signature of certifying Government official																			



## REGIONAL COOPERATIVE AGREEMENT (RCA)

### INSTRUCTIONS FOR SUBMISSION OF APPLICATIONS FOR PARTICIPATION IN RCA REGIONAL TRAINING COURSES.

#### **Purpose of these instructions**

The RCA Secretariat has been facing numerous difficulties in selecting participants for RCA Regional Training Courses and making administrative arrangements for their participation, due to lack of sufficient information about the nominees. The purpose of these Instructions is to assist the nominees of RCA Regional Training Courses to provide the information needed by the RCA Secretariat for the above purposes.

#### **Purpose of RCA Regional Training Courses**

The purpose of the RCA Regional Training Courses is to provide skills and knowledge required by the participants from the RCA Member States to implement planned activities that would lead to achieving the objectives of the project under which the Training Course is held. The participants should be members of the National Project Teams engaged in implementing the relevant project, under the leadership of the National Project Coordinators. Those who are not actively engaged in project activities would not be eligible for participation. (Please see Sections 3.3 and 3.4 of RCA Guidelines and Operating Rules for further information on the responsibilities of National Project Coordinators and National Project Teams.)

#### **Instructions**

1. The information requested should be typed (preferred) or printed legibly in ink. (The Nomination Forms can be downloaded from the IAEA TC web-site <http://www.iaea.org/technicalcooperation/How-to-take-part/train-course/index.html>).
2. Please provide sufficient information to indicate that you have the qualifications specified in the Prospectus of the Training Course. Proper descriptions of the work you are engaged in and the relevance of this training are essential in this regard. You may use additional pages as annexes if necessary.
3. Please make sure the completed Nomination Forms are submitted to the IAEA before the deadline stipulated in the Prospectus. It would not be possible to consider late nominations due to administrative reasons.
4. Please attach a copy of the BSTIF (Basic Security in the Field) certificate to your application. The details can be found in the Prospectus of the Training Course.
5. Please pay special attention to the following
  - a) Description of Work  
The description of work should include the activities you are engaged in relation to the RCA project under which this Training Course is conducted. The information provided

should be sufficient to indicate that you are actively engaged in implementing project activities in your country.

b) Relevance of the Training

Please indicate how this training will enable you to implement the activities of the project under which the Training Course is held, according to the National Work Plan of the project.

c) Contact Details

Please provide current and accurate contact details including your FAX and phone numbers and the e-mail address. Your name should be as it appears in your Passport. Inaccurate or illegible contact details and other information would prevent us from contacting you and making the necessary arrangements for your participation in the Training Course.

6. The Language Certificate and the Medical Certificate are mandatory
7. The Government Statement should be signed by the National RCA Representative or a person authorized by your Government to request Technical Cooperation support from the IAEA.



**REGIONAL COOPERATIVE AGREEMENT (RCA)**  
**Nomination of participants for RCA Regional Training Courses**

**Approval of the National RCA Representative**

In accordance with Section 4.2 (p) of the RCA Guidelines and Operating Rules\*, I hereby approve the nomination of .....who has been selected in consultation with the National Project Coordinator for participation in the RCA Regional Training Course on. .... The nominee is employed in a work area related to this Training Course and is a member of the National Project Team of the RCA Project under which this Training Course is held.

Name:

Signature:

Date:

**\* Section 4.2 (p) of RCA Guidelines and Operating Rules**

**4.2 Appointment, Roles and Responsibilities of National RCA Representatives**

(p) Nominate suitably qualified persons for participation in RCA events and activities in consultation with the respective National Project Coordinators and ensure that they are employed in appropriately related work areas, and are members of the Project Teams;

## National RCA Representatives

COUNTRY	NAME	FAX NUMBER
<b>BANGLADESH</b>	Mr. A.S.M. FIROZ	+880 2 8141843
<b>CHINA</b>	Mr. LIU Yongde	+86 10 885 81516
<b>INDIA</b>	Dr. B. PURNIAH	+91 22 2250 5151
<b>INDONESIA</b>	Dr. Anhar Riza ANTARIKSAWAN	+62 21 525 1110
<b>KOREA, REP. OF</b>	Mr. Seung Ho HONG	+ 82 2 2100 6706
<b>NEPAL</b>	Mr. Navin Kumar DEVKOTA (OIC)	+00977 1 421 1754
<b>MALAYSIA</b>	Dr. Dahlan MOHD	+60 3 892 523 827
<b>MYANMAR</b>	Dr.Khin Maung LATT	+95 6 740 4277
<b>PAKISTAN</b>	Mr. Waqar AHMAD	+92 51 920 4908
<b>PHILIPPINES</b>	Dr. Alumanda DELA ROSA	+63 2 920 1646
<b>SINGAPORE</b>	Mr. Kok Kiat ANG	+65 673 19 585
<b>SRI LANKA</b>	Mr. D.G.L. WICKRAMANAYAKA	+94 11 2533448
<b>THAILAND</b>	Dr. Chaivat TOSKULKAO	+662 561 4069
<b>VIETNAM</b>	Dr. Voung Huu TAN	+84 4 3942 2756

## Representatives/National Project Coordinators

<b>CAMBODIA</b>	Mr. Lean TUN	+855 232 18 634
<b>COOK ISLANDS</b>	Mr Tangata VAEAU	+682 29 100
<b>FIJI</b>	Mr. Jone SALABUCO	+679 330 8856
<b>KIRIBATI</b>	Mr. Farran REDFERN	+686 28334
<b>MARSHALL ISLANDS</b>	Mr. Abraham HICKING	+692 625 5205
<b>PALAU</b>	Mr. Yimnang GOLBUU	+680 488 6951
<b>SOLOMON ISLANDS</b>	Mr. John KORINIHONA	+677 25811

## Permanent Missions RCA Member States

COUNTRY	FAX NUMBER
<b>CHINA</b>	370 6626
<b>INDIA</b>	505 92 19
<b>INDONESIA</b>	479 05 57
<b>KOREA, REP. OF</b>	478-1013
<b>MALAYSIA</b>	505 79 42
<b>PAKISTAN</b>	367 1831 / 368 7376
<b>PHILIPPINES</b>	533 240 124
<b>SRI LANKA</b>	503 7993
<b>THAILAND</b>	478 2907
<b>VIETNAM</b>	368 0754
<b>Permanent Missions Outside Vienna</b>	
<b>BANGLADESH</b>	+41 22 738 4616
<b>MYANMAR</b>	+49 30 20 61 57 20
<b>SINGAPORE</b>	+41 22 796 8078