

## Participation Fees

Without accommodation : RM 1130

(Inclusive of food: morning tea, lunch and afternoon tea during the workshop)

With accommodation : RM 1600 (Single)

(Inclusive of food: breakfast, morning tea, lunch, afternoon tea and dinner)

\*Check in: 4 December 2011, Check out: 8 December 2011

## Submission and Closing Date

Places are limited for each country. Please write to us to check for availability of place before registering and making payment. All participation forms are to be submitted latest by **31 October 2011**

## ENQUIRIES

SEAMEO RECSAM (Research and Development Division)

Jenny Ong - Tel: 604-6522 761 / jenny@recsam.edu.my

Ong Mei Yean - Tel: 604-6522 763 / meiyean@recsam.edu.my

Bhavani Ramasamy - Tel: 604-6522 764 / bhavani@recsam.edu.my

## PARTICIPATION FORM

### Regional Workshop on Secondary Analysis of TIMSS 5-7 December 2011

Name: \_\_\_\_\_ Salutation: \_\_\_\_\_

Gender: Male  Female

Organisation: \_\_\_\_\_ Country: \_\_\_\_\_

Telephone: Office: \_\_\_\_\_ Home: \_\_\_\_\_ Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

(Please tick the following)

I have checked with the secretariat to confirm availability of place

I enclose a Cheque /Local Order / Postal Order/ bank draft/ copy of bank-in statement

No: \_\_\_\_\_ bearing the sum of RM \_\_\_\_\_ as payment for the workshop/  
accommodation.

Pay to: SEAMEO RECSAM

Bank: MAYBANK, Gelugor Branch, Penang

Account Number: 5571 5700 0647

Fax number: 604 6522737

Closing date for registration is **31 October 2011**.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



Passion for Learning

# Regional Workshop on Secondary Analysis of TIMSS

**5 - 7 December 2011**  
**SEAMEO RECSAM, Penang, Malaysia**

Facilitators:

**Dr. Eugenio Gonzalez**

Unit Head of the Analysis and Research Unit,  
IEA Data Processing and Research Centre, Hamburg, Germany

**Dr. Plamen Mirazchiyski**

Research Associate,  
IEA Data Processing and Research Centre, Hamburg, Germany

Organised by

Southeast Asian Ministers of Education Organisation  
Regional Centre for Education in Science and Mathematics  
Jalan Sultan Azlan Shah, 11700 Gelugor, Penang, Malaysia  
[www.recsam.edu.my](http://www.recsam.edu.my)

## Regional Workshop on Secondary Analysis of TIMSS

### About the Workshop

A number of countries in the SEAMEO region have been participating in international studies as one important strategy towards improvement in student achievement. With regards to science and mathematics, the Trends in International Mathematics and Science Study (TIMSS) and Programme for International Student Assessment (PISA) are two examples. A lot of information can be gathered from the results of these studies. There are opportunities for the publication of more documents that have been drawn from analyses of these studies, especially for the countries in the SEAMEO region as well as at the regional level. Thus SEAMEO RECSAM is proud to organise this highly subsidised workshop with the objective of empowering participants to equip themselves with the skills to analyse data made available through the TIMSS study. It is envisaged that these participants will be empowered to publish documents that may inform pedagogy and policy for their countries as well as the region. This workshop also aims to inform participants from non TIMSS participating countries on the value to be gained through participation in TIMSS.

### Target Participants

Participants are expected to have knowledge of statistical analysis techniques, experience using SPSS and bring their own laptop computer with SPSS 11.0 or higher installed.

### About the Instructors



Eugenio Gonzalez is the director of the IEA-ETS Research Institute (IERI), a collaborative effort between the International Association for the Evaluation of Educational Achievement (IEA) and the Educational Testing Service (ETS) that focuses on improving the science of large-scale assessments. He is also the head of the Research and Analysis unit at the IEA-Data processing and Research Centre. He served as the director of quality control and field operations for the National Assessment of Educational Progress (NAEP), and as a director of International operations and data analysis in the international study centre (ISC) at Boston College. Gonzalez received his Ph.D. in educational research, measurement, and evaluation from Boston College in 1994.



Plamen Mirazchiyski is a researcher at the Research and Analysis unit (RANDA) of the International Association for the Evaluation of Educational Achievement (IEA) Data Processing and Research Centre in Hamburg, Germany. Mirazchiyski regularly gives trainings on using data from large-scale assessments like Trends in International Mathematics and Science Study (TIMSS) and Progress in International Reading Literacy study (PIRLS). Some of the training activities Mirazchiyski has been involved in are part of the IEA-ETS Research Institute (IERI), a collaborative effort between the IEA and Educational Testing Service (ETS) that focuses on improving the methodology of large-scale assessments. Mirazchiyski obtained his PhD in Social Pedagogy at the Sofia University, Bulgaria in 2008.

### WORKSHOP SCHEDULE

DAY 1, MONDAY (5 DECEMBER 2011)	
0830 - 0900	Registration
0900 - 1045	Welcome and introductions (Gonzalez) Overview of studies and available data (Gonzalez)
1045 - 1100	BREAK
1100 - 1245	Analysis and design issues (Gonzalez)
1245 - 1400	LUNCH
1400 - 1530	Review of survey material and preparation of research question (Gonzalez)
1530 - 1545	BREAK
1545 - 1730	Using the IDB Analyser to analyse TIMSS data (Mirazchiyski)
DAY 2, TUESDAY (6 DECEMBER 2011)	
0900 - 1045	Using the IDB Analyser and the International Data Explorer to analyse TIMSS data (Mirazchiyski)
1045 - 1100	BREAK
1100 - 1245	Evaluating statistical significance (Gonzalez) Combining variables, creating and validating indices (Gonzalez)
1245 - 1400	LUNCH
1400 - 1530	Participants work on their own
1530 - 1545	BREAK
1545 - 1730	Participants work on their own
1900 - 2100	Group Dinner
DAY 3, WEDNESDAY (7 DECEMBER 2011)	
0900 - 1045	Participants work on their own
1045 - 1100	BREAK
1100 - 1245	Participants work on their own
1245 - 1400	LUNCH
1400 - 1530	Presentations by participants
1530 - 1545	BREAK
1545 - 1730	Presentation by participants