

Capacity development workshop “Conceptualization, Measurement and Use of Contextual Data”

PROGRAMME

Day 1: 10 September 2018 (Monday)		
Conceptualizing factors associated with student learning		
TIME	ACTIVITY/SESSION	FACILITATOR
07.20 - 07.30	<i>Please gather early at the lobby of Vistana Hotel. The bus will leave for the workshop venue at 7.30am promptly.</i>	
08.00 – 09.00	Registration	
09.00 – 09.20	Welcome remarks by UNESCO Bangkok	Maki Hayashikawa (UNESCO Bangkok)
09.20 – 10.00	<ul style="list-style-type: none"> • Introduction to NEQMAP and the workshop • Introduction of participants • Group photo 	Tserennadmid Nyamkhuu (UNESCO Bangkok)
10.00 - 11.00	<p>Session 1 - Presentation: Conceptualization of contextual data (factors associated with student learning)</p> <p>Objective: To introduce educational models related to contextual (background) factors</p>	Universiti Sains Malaysia
11.00 – 11.30	Coffee break	
11.30 – 13.00	<p>Session 2 - Presentation: Conceptualization of contextual (background) factors</p> <p>Objectives: To identify contextual factors measured in different international large-scale assessments - examining similarities and differences and to understand the process of conceptualizing and operationalizing a construct</p>	Universiti Sains Malaysia
13.00 – 14.00	Lunch	
14.00 – 15.30	<p>Session 3 – Practical session: Group work on conceptualization and operationalization of a contextual factor</p>	Universiti Sains Malaysia
15.30– 15.45	Coffee break	
15.45 – 17.00	<p>Session 4 - Panel session: Knowledge and experience sharing by NEQMAP members</p>	UNESCO Bangkok
18.30 – 20.00	Dinner Reception	

Day 2: 11 September 2018 (Tuesday)

Developing measures of factors associated with student learning

TIME	ACTIVITY/SESSION	FACILITATORS
07.50 -08.00	<i>Please gather early at the lobby of Vistana Hotel. The bus will leave for the workshop venue at 8.00am promptly.</i>	
09.00 – 09.10	Reflection on Day 1	
09.10 – 10.30	Session 5 – Presentation and group work: Reliability and validity and issues related to measurement of a construct Objective: To be able to assess the content validity and highlight the issues related to developing items or indicators to measure a construct	Universiti Sains Malaysia
10.30 – 11.00	Coffee break	
11.00 – 13.00	Session 6 - Practical session: Assessing a construct validity using SPSS/AMOS	Universiti Sains Malaysia
13.00 – 14.00	Lunch	
14.00 – 15.30	Session 7 – Practical session (continued): Assessing a construct validity using SPSS/AMOS	Universiti Sains Malaysia
15.30 – 16.00	Coffee break	
16.00 – 17.00	Session 8: Panel session: Knowledge and experience sharing by NEQMAP members	UNESCO Bangkok

Day 3: 12 September 2018 (Wednesday)

Analyzing data using multi-level model

TIME	ACTIVITY/SESSION	FACILITATORS
07.50 – 08.00	<i>Please gather early at the lobby of Vistana Hotel. The bus will leave for the workshop venue at 8.00am promptly.</i>	
09.00 – 09.10	Reflection on Day 2	
09.10 – 10.45	Session 9 - Presentation: Introduction to multi-level modeling Objective: To learn to do data analysis using multi-level modelling	Universiti Sains Malaysia
10.45 – 11.00	Coffee break	

11.00 – 13.00	Session 10 - Practical session: Analysis of existing datasets using Hierarchical Linear Model (HLM)	Universiti Sains Malaysia
13.00 – 14.00	Lunch	
14.00 – 15.00	Session 11 - Practical session (continued): Reporting back on HLM results	Universiti Sains Malaysia
15.00 – 15.30	Coffee break	
15.30 – 17.00	Session 12 - Panel session: Knowledge and experience sharing by NEQMAP members	UNESCO Bangkok

Day 4: 13 September 2018 (Thursday)

Global/regional initiatives related to learning assessment

TIME	ACTIVITY/SESSION	FACILITATORS
07.20 – 07.30	<i>Please gather early at the lobby of Vistana Hotel. The bus will leave for the school visit venue at 7.30am promptly.</i>	
08.00 – 10.15	School visit	Universiti Sains Malaysia
10.45 – 11.00	Coffee break	
11.00 – 12.30	Session 13 - Presentations: GPE's Knowledge and Innovation Exchange (KIX): Consultation Session on Strengthening Learning Assessment Systems	Ramya Vivekanandan (Global Partnership for Education)
12.30 – 13.30	Lunch	
13.30 – 15.30	Session 14 - Presentations: Optimizing Assessment for All (OAA)	Esther Care (Brookings Institution)
15.30 – 15.45	Coffee break	
15.45 – 16.30	Session 15 - Presentations: Reporting metric through social moderation and benchmarking of proficiencies	Shailendra Sigdel (UNESCO Institute for Statistics)
16.30 – 17.00	Closing: <ul style="list-style-type: none"> - Workshop evaluation - Summary of workshop and closing remarks - Distribution of certificates 	Prof Dr. Hairul Nizam Ismail (Universiti Sains Malaysia) Jun Morohashi (UNESCO Bangkok)