

Guidelines for Data Collection to Measure SDG 4.7.4 and 4.7.5

30 June 2021

@16:00-18:00 GMT+2 (Paris time)

TCG webinar

Concept Note

SDG Targets, 4.7 refers to the knowledge and skills that are necessary for a sustainable future. Specifically, it states that by 2030, we have to “[...] ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development.”



The Technical Cooperation Group on the Indicators for SDG 4-Education 2030 (TCG) is pleased to invite you to a webinar to present the [Guidelines for Data Collection to Measure SDG 4.7.4 and 4.7.5](#), a document provides guidance to apply a recently developed measurement strategy to assess two SDG indicators: SDG 4.7.4¹ on global citizenship and 4.7.5 on environmental science.²

Following a thorough review and endorsement by the TCG, the measurement strategy has since been applied to the last cycles of TIMSS, PISA and ICCS to produce scores for 60 countries. While this marks a significant achievement, it is important to acknowledge that two-thirds of UN members have yet to participate in these assessments. To promote wider participation among UN members, the Guidelines to be presented in this seminar serve as a robust and easy-to-use set of procedures on how to collect the data necessary to produce the information to measure and monitor SDG Indicators 4.7.4 and 4.7.5. Notably, these guidelines will aid in the production of information that is comparable

with that of the 60 countries for which this data already exists.

¹ Indicator 4.7.4: Percentage of students by age group (or education level) showing an adequate understanding of issues relating to global citizenship and sustainability

² Indicator 4.7.5: Percentage of lower-secondary students showing proficiency in knowledge of environmental science and geoscience

Objectives

Present the **Guidelines for Data Collection to Measure SDG 4.7.4 and 4.7.5** including the different phases of a nationally representative educational assessment:

- Policy goals
- Assessment framework
- Instrument development
- Technical standards & operations
- Sample design
- Data collection
- Scaling (producing scores and thresholds)
- Reporting and dissemination of results

Host and Speakers

Host: Silvia Montoya, Director, UNESCO Institute for Statistics

Chair: Rolf Strietholt, Co-Unit Head of the Research and Analysis Unit, International Association for the evaluation of Educational Achievement (IEA)

Presenters:

Andres Sandoval-Hernandez, Reader in Educational Research, University of Bath

Maria Magdalena Isac, Researcher, KU Leuven

Diego Carrasco, Researcher, Pontificia Universidad Católica de Chile

Daniel Miranda, Researcher, Pontificia Universidad Católica de Chile

Participation

To participate to the webinar, please [REGISTER](#) to receive the event link.

The webinar will be held in English via Microsoft Teams.

For more information, please visit the webinar's webpage:

<http://tcg.uis.unesco.org/webinar-guidelines-data-collection-4-7-4-4-7-5/>

Reference Documents

- [Guidelines for Data Collection to Measure SDG 4.7.4 and 4.7.5](#)
- [A Measurement Strategy for SDG Thematic Indicators 4.7.4 and 4.7.5 Using International Large Scale Assessments in Education](#)
- [Proposal of a Measurement Strategy for SDG Global Indicator 4.7.1 and Thematic Indicators 4.7.4 and 4.7.5 using International Large-Scale Assessments in Education](#)