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Prior to join the IEA, Dr. Noveanu was Senior Researcher in the Curriculum Department of the Institute of Educational Sciences, Bucharest. She has coordinated Romania's participation in IEA's comparative studies assessing student achievement in mathematics, science and reading – Trends in International Mathematics and Science Study (TIMSS) and Progress in International Reading Literacy Study (PIRLS) starting with 1995 and 1998, respectively. Dr Noveanu served on TIMSS Science and Mathematics Item Review Committee having responsibilities in reviewing and developing of the framework, reviewing and writing of the items, and also in developing benchmark descriptions for several cycles. During the course of her career at the Institute of Educational Sciences which dates back to 1991 she was responsible for the development of Science and Chemistry curricula for primary and secondary education.

So far Dr. Noveanu has been involved as expert in many projects. She has been involved in projects dealing with pre-service and in-service teacher training. She developed training programs and modules being also involved as a trainer in a variety of programs in Romania and abroad. She graduated in Chemistry and Physics – Polytechnic Institute of Bucharest and holds a Ph.D. in Educational Sciences from the University of Bucharest.

Dr. Noveanu is author of many publications on education. She has published science and chemistry textbooks, curricular materials, and also studies, courses and articles with a focus on science education.