

## Curriculum Vitae

### Personal information

**First name(s) / Surname(s)** **Oliver Neuschmidt**  
**Professional e-mail** oliver.neuschmidt@iea-hamburg.de  
**Work phone** +49 (0) 40 48500 705  
**Nationality** German  
**Date of birth** 18/06/1967  
**Gender** Male

### Position / Organisation

#### Work experience

Dates	February 2023 – Present
Occupation or position held	Lead of IEA's Capacity Building Team
Main activities and responsibilities	Consulting, management, and training activities related to survey design, implementation, and evaluation
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization
Dates	June 2017 – January 2023
Occupation or position held	Co-Unit Head of the International Studies Unit
Main activities and responsibilities	Coordinating the data management activities for IEA TIMSS & PIRLS and capacity building activities.
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization
Dates	2007 – May/2017
Occupation or position held	Senior Research Analyst/ Unit Head International Data Management (since 5/2014 extended to Unit Head International Studies)
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization
Dates	2003 – 2006
Occupation or position held	Research Analyst/ Co-Manager Data Processing for TIMSS 2003 & 2007, and PIRLS 2006
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization
Dates	2001 – 2003
Occupation or position held	Research Analyst/ Project Manager TIMSS 2003
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization

Dates 1998 – 2000

Occupation or position held	Researcher (TIMSS 1999)
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization
Dates	1997 – 1998
Occupation or position held	Software Developer
Name of employer	Database development for the emissions of a nuclear research power plant, SCICON GmbH, Geesthacht, Germany
Type of business or sector	Science consulting
Dates	1994 – 1997
Occupation or position held	Scientific staff member
Main activities and responsibilities	Research activities related to the deepening of the river Elbe resulting in an article for the Hamburger Bodenkundliche Arbeiten
Name of employer	Department of Soil Science at the University of Hamburg
Type of business or sector	Academia

## Other Professional Activities

Current	<p>Haiti: Consulting services concerning the establishment of the 2022 cycle of the national assessment system in primary education in collaboration with the Haitian Ministry of Education (MENFP), IHFOSED, and the Inter-American Development Bank (IDB)</p> <p>Co-Manager of the IEA's Literacy and Numeracy Assessment (LaNA)</p>
Past	<p>Consulting services concerning the implementation of a third-grade national assessment in Spain.</p> <p>PRIDI (a regional Project on Child Development Outcomes Indicators in Latin America). Consulting services on study design, implementation, and data analysis for the Inter-American Development Bank (IDB)</p> <p>United Nations Development Program: Various Arabic countries. Primary task was to assist Ministry of Education staff in the use and development of large-scale education assessment data. Consulting activity resulted in a final report (Lietz, P., Wagemaker, H., Neuschmidt, O., &amp; Hencke, J. (Eds.). (2008)). Starting point for research activities in the field of educational effectiveness research</p> <p>Member of the Executive Committee of the IEA-ETS Research Institute (IERI)</p> <p>Associate Editor, IERI Monograph Series</p>

## Education and training

Dates	2019
Principal subjects/occupational skills covered	Dissertation. Title of the thesis: "Using TIMSS 2015 data to compare educational effectiveness enhancing factors in the countries of the Gulf Cooperation Council (GCC)".
Name and type of organisation providing education and training	Faculty of Education, Universität Hamburg, Hamburg, Germany
Dates	2015
Principal subjects/occupational skills covered	Specification and interpretation of structural equation models in Mplus & Advanced multivariate data analyses in Mplus
Name and type of organisation providing education and training	Institut zur Qualitätsentwicklung im Bildungswesen, Humboldt-Universität, Berlin, Germany
Dates	2011
Principal subjects/occupational skills covered	Hierarchical Linear Modelling workshop with HLM 7
Name and type of organisation providing education and training	Conducted by S. Raudenbush (University of Chicago) & T. Bryk (Carnegie Foundation)
Dates	1997
Title of qualification awarded	Software developer/ Network specialist
Principal subjects/occupational skills covered	Software development/ Network specialisation
Name and type of organisation providing education and training	CBM Bildung und Managementberatung GmbH, Hamburg, Germany, 1997
Dates	1994
Title of qualification awarded	Biology (Diploma)
Principal subjects/occupational skills covered	Biology
Name and type of organisation providing education and training	Universität Hamburg

## Personal skills and competences

Mother tongue(s)	German
Other language(s)	English, French, Spanish
Computer skills and competences	Proficient user of SPSS, SAS, HLM, IEA IDB Analyzer

## Publications

Barth J., Gonzalez, E. J., & Neuschmidt, O. (2004). TIMSS 2003 survey operations procedures. In M. O. Martin, I. V.S. Mullis, & S. J. Chrostowski (Eds.), *TIMSS 2003 technical report* (pp. 125–140). Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College.

Barth J., Carstens, R., & Neuschmidt, O. (2004). Creating and checking the TIMSS 2003 database. In M. O. Martin, I. V.S. Mullis, & S. J. Chrostowski (Eds.), *TIMSS 2003 technical report* (pp. 173–185). Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College.

Barth J., & Neuschmidt, O. (2007). Creating and checking the PIRLS international database. In M. O. Martin, I. V.S. Mullis, & A. M. Kennedy (Eds.), *PIRLS 2006 technical report* (pp. 93–104). Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College.

Barth J., & Neuschmidt, O. (2008). Creating and checking the TIMSS 2007 database. In J. F. Olson, M. O. Martin, & I. V.S. Mullis (Eds.), *TIMSS 2007 technical report* (pp. 141–151). Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College.

Hencke, J., Rutkowski, L., Neuschmidt, O., & Gonzalez, E. J. (2009). Curriculum coverage and scale correlation on TIMSS 2003. *IERI Monograph Series: Issues and Methodologies in Large-Scale Assessments*, 2, 85–112.

Neuschmidt, O., Hencke, J., Rutkowski, L., & Rutkowski, D. (2008). Effective schools in Arab educational systems: An analysis of TIMSS 2003. Paper presented at the 3rd IEA International Research Conference, Taipei, Chinese Taipei. Retrieved from [http://www.iea.nl/sites/default/files/irc//IRC2008\\_Neuschmidt\\_Hencke\\_etal.pdf](http://www.iea.nl/sites/default/files/irc//IRC2008_Neuschmidt_Hencke_etal.pdf)

Neuschmidt, O., Barth J., & Hastedt, D. (2008). Trends in gender differences in mathematics and science (TIMSS 1995–2003). *Studies in Educational Evaluation*, 34(2), 56–72.

Neuschmidt, O., Barth, J., Rutkowski, L., & Rutkowski, D. (2010). Effective schools in the Arab region: A Multi-level approach using TIMSS 2003 data. In D. Sharpes (Ed.). *Handbook on International Studies in Education*. Charlotte, NC: Information Age Publishing.

Neuschmidt, O. (2012). Creating and checking the TIMSS 2011 and PIRLS 2011 databases. In M. O. Martin & I. V. S. Mullis (Eds.). (2012). *Methods and procedures in TIMSS and PIRLS 2011*. Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College.

Neuschmidt, O., Al-Maskari, Z., Beyer, C-W. (2021). A Non-Western Perspective on ILSAs [Manuscript submitted for publication]. In T. Nilsen et al., (eds.), *International Handbook of Comparative Large-scale Studies in Education*, Springer International Handbooks of Education.

## Other Work

Sandoval-Hernández, A., & Neuschmidt, O. (2014). Lecciones de más de cinco décadas de estudios internacionales a gran escala sobre el logro educativo. *Organización y gestión educativa: Revista del Fórum Europeo de Administradores de la Educación*, 22(6), 21–25.

Lietz, P., Wagemaker, H., Neuschmidt, O., & Hencke, J. (2008). *Educational issues in the Middle East North Africa region: Outcomes of the IEA Arab region training seminar series 2006/2007*. Hamburg, Germany.

## Conference presentations

Barth, J., Neuschmidt, O. (2008). Identifying indicators that differ significantly between effective and non-effective schools in Arab countries. Presented at the 2008 IEA-ETS Spring Academy, Hamburg, Germany.

Hencke, J., Rutkowski, L., Neuschmidt, O. & Gonzalez, E.J. (2008). Curriculum coverage and scale correlation on TIMSS 2003. Paper presented at the 2008 Annual Meeting of the National Council on Measurement in Education, New York, USA.

Hencke, J., Neuschmidt, O. (2012). Effective schools in Eastern European countries: An analysis of teacher-level variables using PIRLS 2006 data. Paper presented at the 2012 International Congress for School Effectiveness and Improvement, Malmö, Sweden.

Neuschmidt, O., Barth, J. (2004). Scoring trend items in TIMSS 2003. Paper presented at the 1st IEA International Research Conference, Nicosia, Cyprus.

Neuschmidt, O. (2007). International Data Base (IDB) Analyzer Demonstration. Presentation at the 33rd International Association for Educational Assessment, Baku, Azerbaijan.

Neuschmidt, O., Mullis, V. S., Martin, O. (2008). An overview of PIRLS 2006: Design, results and subsequent analysis. Paper presented at the 34th 2008 International Association for Educational Assessment, Cambridge, United Kingdom.

Neuschmidt, O., Hencke, J., Mullis I., & Martin, M. (2009). An overview of TIMSS 2007: Design, results and subsequent analysis. Paper presented at the 34th Annual Meeting of the European Conference on Educational Research, Vienna, Austria.

Neuschmidt, O., Barth, J., Rutkowski, L. & Rutkowski, D. (2009). ). Effective schools in Arab educational systems: An analysis of TIMSS 2003. Paper presented at the 2009 Annual Meeting American Educational Research Association, San Diego, USA.

Neuschmidt, O., Hencke, J., Rutkowski, L. & Rutkowski, D. (2009). Effective schools in Arab countries: An analysis of TIMSS 2007. Paper presented at the 34th European Conference on Educational Research in Vienna, Austria.

Neuschmidt, O., Hencke, J., Rutkowski, L. & Rutkowski, D. (2011). Effective schools in Arab educational systems: An analysis of teacher-level variables using TIMSS 2007. Paper presented at the 2011 Annual Meeting of the American Educational Research Association, New Orleans, USA.

Neuschmidt, O. (2012). An overview of TIMSS 2011: Design, results and subsequent analysis. Paper presented at the 2013 International Congress for School Effectiveness and Improvement (ICSEI), Santiago, Chile.