



Teacher Education and Development Study (TEDS-M) Learning to Teach German and English (TEDS-LT)

Humboldt University of Berlin, Department of Instructional Research



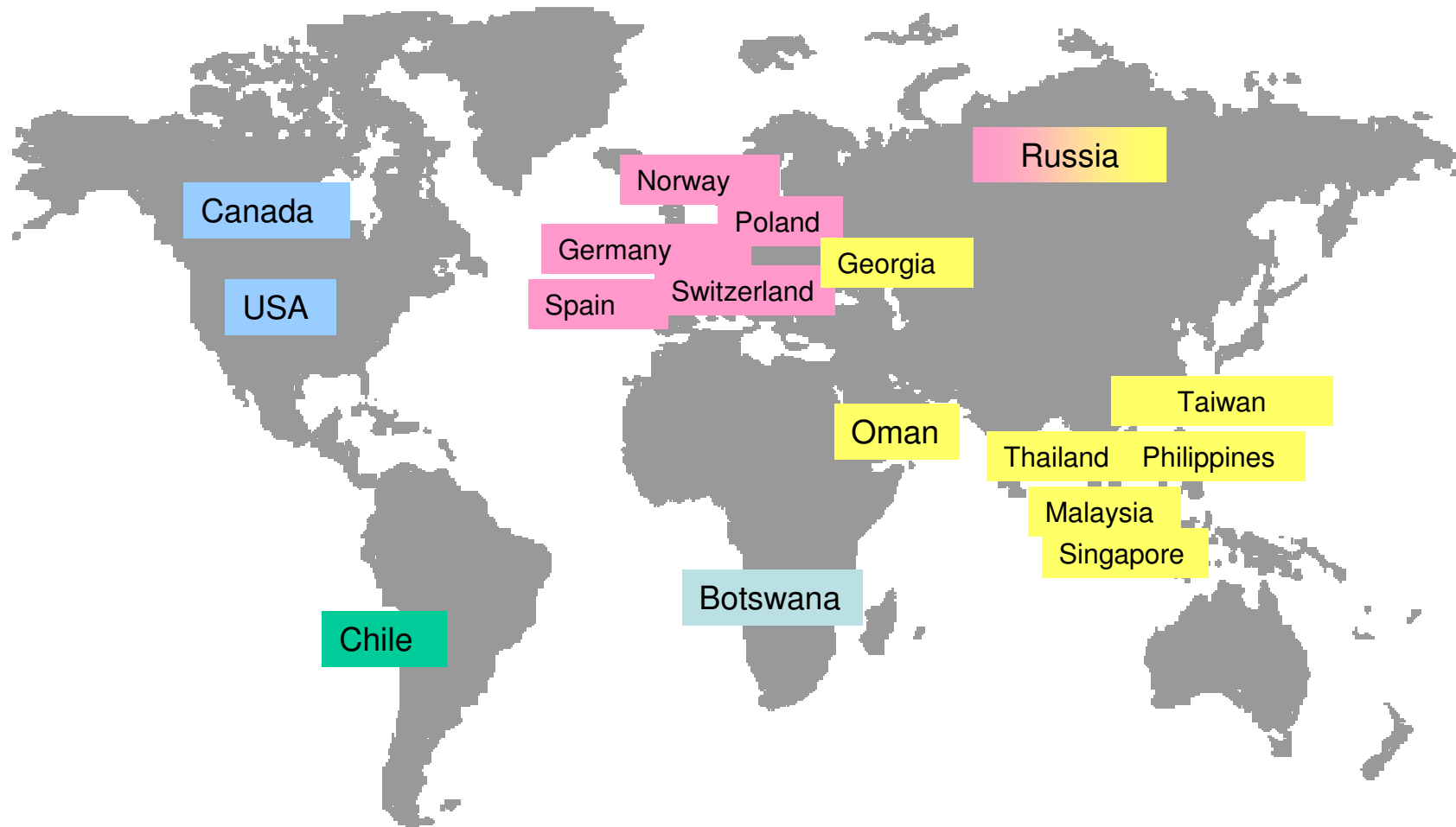
IEA's Teacher Education and Development Study in Mathematics (TEDS-M): Challenges of Measurements in Higher Education and Future Tasks

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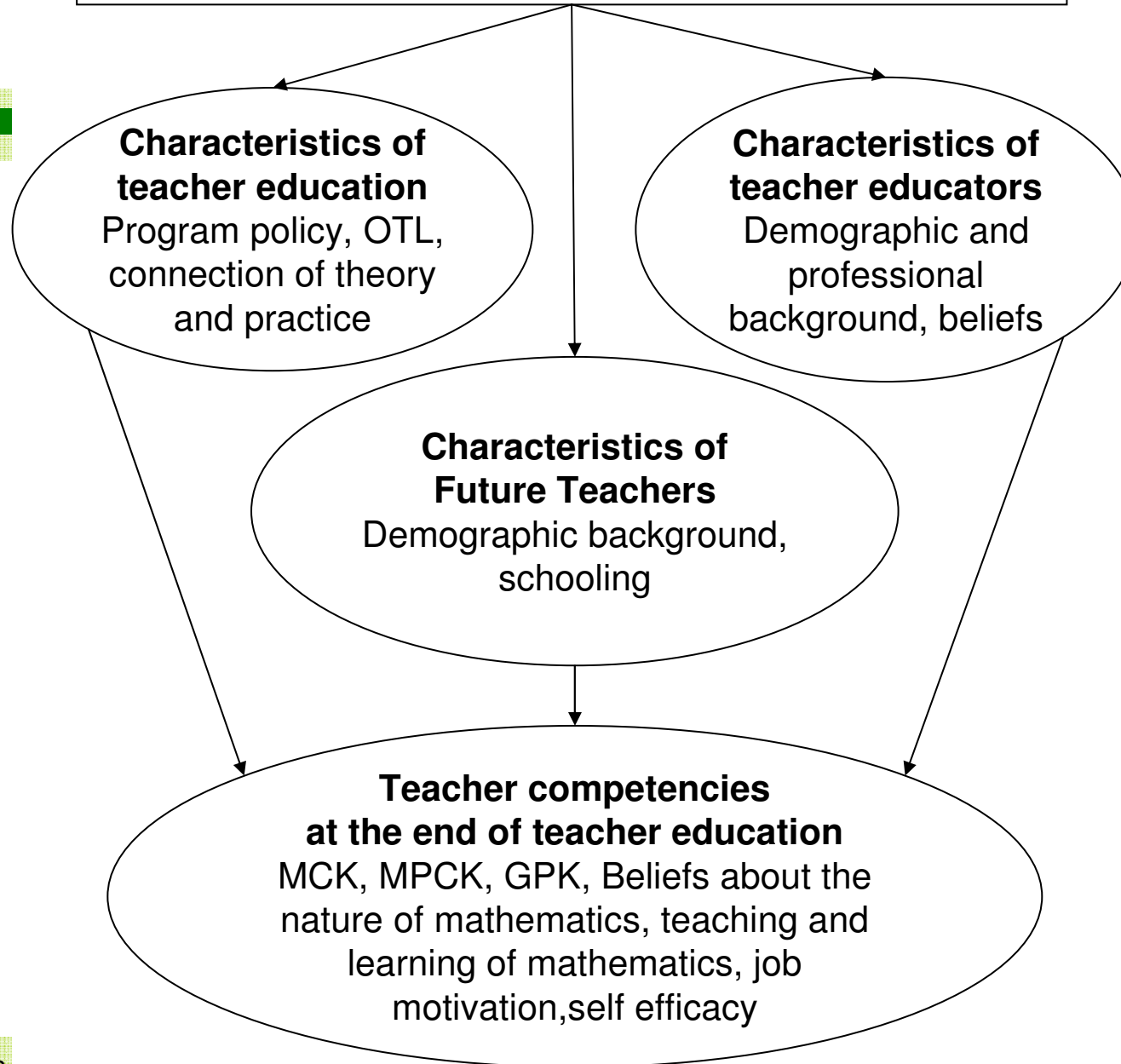
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Social, school and policy context





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Challenges of Measurements in Higher Education

Variability of higher education institutions, programs and processes

Ill-defined labor markets and required competencies

Complex samples: several levels of aggregation, instable group membership

Risk of bias due to insufficient response rates (adults, no classroom structure)

Scaling difficulties with broad constructs: inherent multidimensionality

Variable vs. person centered approaches to data analyses

Value added approaches require controlling for entry level and background

Limitations of paper-and-pencil approaches and multiple-choice items

Relationship between test and self-reported data