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Foreword I -- Foreword II -- 1 Introduction to Dinaric Perspectives on TIMSS 2019: Paulína Koršáková, Sabine Meinck, and Barbara Japelj Paveši -- 2 Context and Implementation of TIMSS 2019 at Grade Four in the Dinaric Region: Paulína Koršáková and Sandra Dohr -- 3 Opportunity to Learn Mathematics and Science: Agim Alia, Barbara Japelj Paveši, and Mojca Rožman -- 4 Students' Interests, Motivation, and Self-beliefs: Barbara Japelj Paveši, Marina Radovi, and Falk Brese -- 5 Early Literacy and Numeracy Competencies: Predictors of Mathematics Achievement in the Dinaric Region: Ženeta Džumhur, Nada Ševa, and Mojca Rožman -- 6 The Role of Learning Resources, School Environment, and Climate in Transforming Schools from Buildings to Learning Communities Ines Elezovi, Beti Lameva, and Falk Brese -- 7 Teachers, Teaching and Student Achievement: Ivana eri, Ines Elezovi, and Falk Brese -- 8 Characteristics of Principals and Schools in the Dinaric Region: Beti Lameva, Ženeta Džumhur, and Mojca Rožman -- 9 Characteristics of High- and Low-performing Students: Rezana Vrap, Agim Alia, and Falk Brese -- 10 Scaffolding the Learning in Rural and Urban Schools: Similarities and Differences : Smiljana Joši, Barbara Japelj Paveši, Nikoleta Gutvaj, and Mojca Rožman -- Acknowledgments.

This open access book brings together national experts from across the Dinaric region to rigorously review IEA's Trends in International Mathematics and Science Study (TIMSS) 2019 grade four data to develop a multidimensional and culturally sensitive perspective on their TIMSS 2019 primary-level results. The Dinaric region, named after the Dinaric Alps, is located in South-eastern Europe, and stretches through Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Kosovo[1], Albania, and North Macedonia. IEA's TIMSS has been an invaluable resource for monitoring international trends in mathematics and science achievement at grades four and eight since 1995. The TIMSS 2019 administration of the test to grade four students, provided a unique opportunity for analysis within shared regional settings and enabled the construction of this first report based on international study results from the region, prepared by the National Research Coordinators in collaboration with IEA. [1] This designation is without prejudice to positions on status and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.