

ZMATH 06675878

Guacaneme-Suárez, Edgar Alberto; Obando-Zapata, Gilberto; Garzón, Diego; Villa-Ochoa, Jhony Alexander

Colombia: mathematics education and the preparation of teachers. Consolidating a professional and scientific field.

Ruiz, Angel (ed.), Mathematics teacher preparation in Central America and the Caribbean. The cases of Colombia, Costa Rica, the Dominican Republic and Venezuela. Cham: Springer (ISBN 978-3-319-44176-4/pbk; 978-3-319-44177-1/ebook). SpringerBriefs in Education, 19-37 (2017).

Summary: In this chapter a succinct panorama of some of the background, structure, development and limitations of the initial and continuing preparation of Mathematics teachers in Colombia is presented. Particularly, some aspects of the political, social and, in some cases, academic transformations that have affected Mathematics teacher preparation will be mentioned. Also, the current tendencies in initial and graduate education will be considered. Finally, we will indicate some achievements and current challenges facing research in Mathematics Education and teacher preparation that are facilitating a consolidation of this discipline as a professional and scientific field in the country.

Classification: B50 D20

Keywords: mathematics teacher preparation; research in mathematics education; mathematics teacher education; Colombia

doi:10.1007/978-3-319-44177-1_2