

**Reform in Mathematics Teacher Professional Development  
in Poland****Alan Rogerson***CDNALMA Teacher Training Institute, ul LISTOPADOWA 1/45, 60-153 Poznań, Poland  
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**ABSTRACT** This paper consists of two separate but connected research reports. The first is a recent history and current status of teacher professional development in mathematics education in Poland. The second is a summary of the findings of a Pilot Study in which questionnaires were given to Mathematics Teachers and School Directors in selected Polish Schools during 2013. This paper concludes with suggested ways for improving the quality of professional development courses based on the detailed findings of both research reports. The recommendations include (1) better work conditions and salaries of teachers to encourage them to pursue in-service courses, (2) accreditation of private educational companies to hold in-service courses, (3) modernizing the curriculum content and teaching methods, based on best practice globally and (4) introducing modern technology to re-shape teaching and learning in the classroom.