

Preface

A quantitative approach in the analyses of socio-economic processes is based on three viewpoints: that of mathematics, statistics, and economic theory. Within all these perspectives measurements are used in order to uncover the existing relations or to verify relevant hypotheses. The problems of contemporary socio-economics, in both global and regional dimensions, particularly those related to Central and Eastern European countries, were to be discussed during the 14th Professor Aleksander Zeliaś International Conference on Modelling and Forecasting of Socio Economic Phenomena. However, due to Covid-19 pandemic, the Conference was moved to the spring of 2021.

The book presented here contains a selection of papers submitted to the conference organisers and revised independently by two anonymous reviewers in the double-blinded review process. The list of reviewers is included in the book.

The papers present the results of scientific and research work on issues related to modelling and forecasting of social and economic processes conducted recently by researchers from both Polish and foreign universities (from Czechia, Germany, and Slovakia). The papers apply a quantitative approach to discuss topical economic problems or to present extensions of statistical or econometrical methods. The book addresses various research areas which cover, among others: the theory and applications of classification problems, statistical methods in regional and international comparative analyses, econometric modelling, statistical modelling, social statistics, labour market analysis, financial econometrics, and economic forecasting.

We hope that the Readers of this volume will find in it original ideas, flashes of inspirations, and exciting and useful statistical and econometrical methods. We also believe that the book is a valuable voice in an interesting debate which sheds some light on the most critical problems of the modern world.

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