

PREFACE

A quantitative approach in the analyses of socio-economic processes is based on three viewpoints: that of mathematics, statistics and economic theory. All these methods use measurements in order to uncover relations or to verify relevant hypotheses.

The problems of contemporary socio-economics, in both global and regional scopes, especially the ones related to Central and Eastern European countries, are discussed during the 13th Professor Aleksander Zeliaś International Conference on Modelling and Forecasting of Socio-Economic Phenomena, which takes place in Zakopane on 13–16 May 2019. The conference gathers academics from Poland, the Czech Republic, Germany, Italy, Slovakia, and Ukraine.

The book presented here contains a selection of papers submitted to the conference and revised independently by two anonymous reviewers in the double-blinded review process. This book is a result of scientific and research work on issues related to modelling and forecasting of social and economic processes carried out recently both at Polish and foreign universities (in the Czech Republic, Germany, Italy, Slovakia).

The chapters use a quantitative approach to discuss valid economic problems or present extensions of statistical or econometrical methods. The book addresses various research areas which include, among others: classification problems – theory and applications, statistical methods in regional and international comparative analysis, econometric modelling, statistical modelling, social statistics, labour market analysis, financial econometrics, economic forecasting.

We hope that 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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