

Preface

There has been a fluent daily routine of life for people, societies, countries and also for the world. These individuals, groups and societies have been lived chaotic, risky, crisis situations on this daily routine in short-term or long term. Chaotic situations and the effects of them of course did not begin with Chaos and Complexity Theory, chaos in life of individuals has been lived since the first human beings in the world but solutions and coping strategies with these chaotic and complex situations has been changing with scientific developments. However, as a result of digital revolution, the average profile of world has changed as well. The repercussions of an event anywhere in the world has been spreading so quickly to all over the world, so coping with this transformation it is important to have and requires an effective managing power to determine the fate of the country.

In this sense, responsibility and mission of scientists to human and future of the world being is support managing power of the world and human with scientific developments that useful for human. So, ‘chaos’ and chaos theory, though it is a field of study in mathematics and in other disciplines such as physics, engineering, economics, management, education and other fields has been the key word to define the complex alterations and situations, and applied in social sciences recently.

All chapters in this book contribute chaos and complexity theory in different perspectives and also solution of the universal problems. There are twenty-eight chapters in the book. Chapters are about chaos and complexity in politics, organization and management, chaos and complexity in economics and literature.

This book combines so many researches from different disciplines in all over the world. Therefore you will not only find chaos and complexity theory in terms of phenomena on that create difference in scientific but also usable and useful knowledge to understand social, natural reality and also reflections for future in terms of chaos theory in this unique book. We believe that readers would enjoy studies related to chaos, complexity.

Şefika Şule Erçetin
Hacettepe University, Turkey

Hüseyin Bağcı
Middle East Technical University, Turkey
January 2016

