Preface

High technology, the fastest growing and the most active field which produces a significant impact on human society deserves a high degree of study and attention, and also scientific recognition. With this book, we highlight the relationships between contemporary high technology and social development, the development and application of high technology, the competition of high technology and coping strategies, the economic development relying on high technology industrial growth.

The intention of the editors of this book is to provide an international platform that brings together academics, researchers, lecturers, and persons in decision making positions, policy makers and practitioners from different backgrounds to share new theories, research findings and case studies, by enhancing understanding and collaboration in issues of social development and information technologies in recent developments in theory and practice.

The high technology refers to current rapidly developing technologies, including electronic technology, new material technology, new energy technology, bioengineering technology and communication technology. With the development and needs of scientific technologies and production practices, the emerging industries have achieved spectacular results in various fields, forming the features of high technology, in general terms, the prominent characteristics of high technology industries are high density on knowledge, information, technology and funds; special emphasis on knowledge, talent, and R&D foundation; breakthrough and creativity; and important impacts on the economy and society.

This book serves to address the growing need of our society to adopt emerging technologies into all aspects of business and economic activity, moving towards innovative solutions to research problems, and thus resulting in high performance systems. The key characteristic of this book is that it brings together the experts of the IT industry, both practitioners and researchers alike, in a high tech research arena, with academia promoting a sound contribution to IT literacy, as demanded by real users.

The book follows a clear strategy to be the reference edition for all those interested on the strategic role of IT and Management towards sustainable development (with main emphasis to be paid on practical aspects), the reference edition for all those (policy makers, government officers, academics and practitioners) interested in understanding Social Development and High Technology Industries and to become a reference edition for people thirsty for knowledge on social development and information technologies.

Social Development and High Technology Industries: Strategies and Applications aims to be a reference for politicians, students and government articles alike. The book is divided into 14 chapters and provides insight on social development and technology industries.

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