Preface

This book, co-edited by Carayannis, Kaloudis and Mariussen – the first of an Edward Elgar Series on Science, Technology, Innovation and Entrepreneurship (EE STIE) co-edited by Carayannis (GWU) and Kaloudis (NIFU STEP) – was the ‘happy accident’ of a transatlantic, trans-disciplinary collaboration on research about research on policies and practices on STIE.

A team of Europe- and US-based authors engaged in a ‘creatively destructive’ process of idea and concept co-opetition (a hybrid form of collaboration and competition), co-evolution and co-specialization to attempt to co-develop a more coherent and unified language of thought about, and thus shed more light on, the socioeconomic dynamics of knowledge production, diffusion and use from both a public and a private sector policies and practices perspective. These entrepreneurs of the mind have been architecting the constituent elements of a conceptual research modality to better deal with early 21st-century challenges and opportunities in the knowledge economy and society.

The implications are significant in terms of a number of current and even pressing matters that pertain to education, economic development, research and development policies and practices in the glocalizing socioeconomic and technological context of the early 21st century such as:

- a. How does one achieve higher levels of efficacy in funding education in terms of both civil and economic development?
- b. How does one inspire and achieve more efficacy in public–private partnerships in research and technological development so that more critical technologies are developed, resulting in more breakthrough innovations with limited resources?
- c. How does one manage to leverage the glocalization process so that more people benefit more from it rather than becoming its victims?

We do not address such questions directly. Rather, we attempt to provide a conceptual framework and process to help pose those questions so that they can be better and more effectively addressed, namely a system-centric approach as indicated in Figure 1.1 in the book. We thus attempt to evolve the dialectic dynamic and exploratory frameworks to enable a more

coherent and congruent understanding and facilitate a more effective dialogue across public and private sector domains and boundaries. This emerging and more fitting conceptualization framework recognizes that knowledge stocks and flows form, evolve, and dissolve through time and observe their particular rules and constraints different from those ruling tangible assets domains and traditional (localized) economies and societies.

We hope that this first book of the EE STIE series will serve as a useful building block towards a further exploration and a better understanding of the role of diversity and heterogeneity issues in knowledge systems.