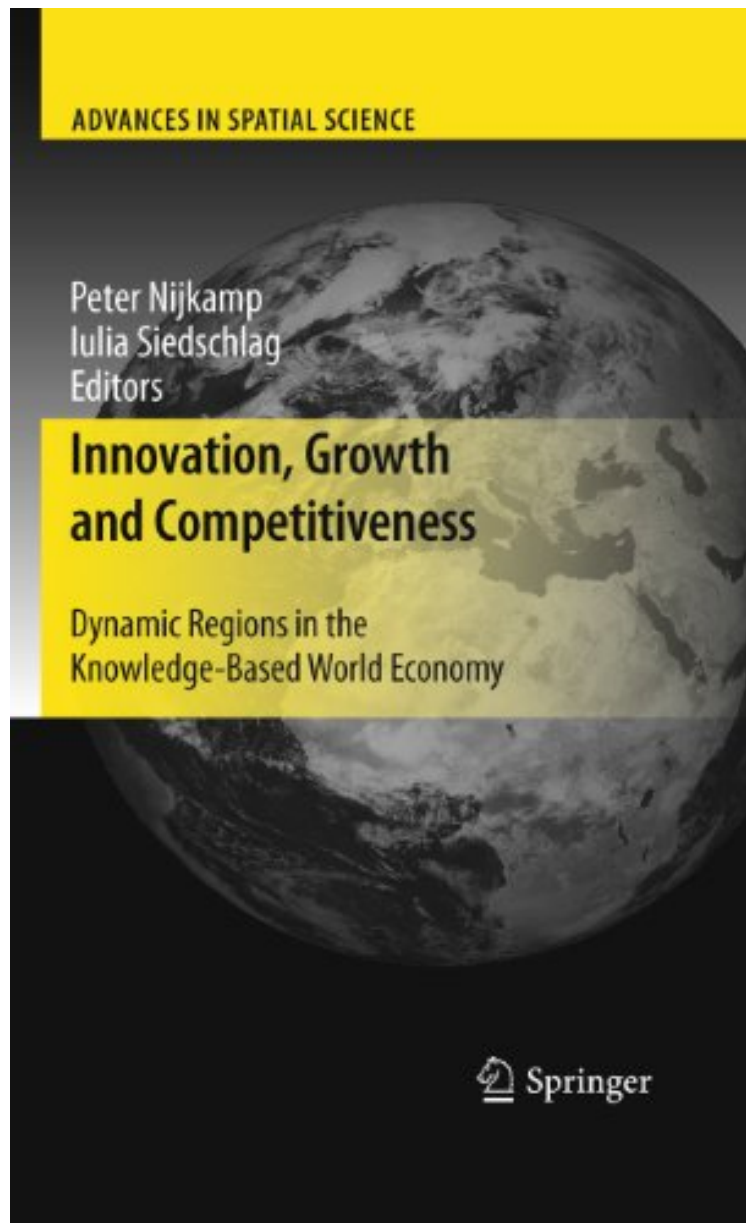


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Innovation, Growth and Competitiveness: Dynamic Regions in the Knowledge-Based World Economy (Advances in Spatial Science)

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This book investigates dynamic regions in the context of greater global interaction in a world economy increasingly driven by knowledge and innovation. It offers novel empirical evidence on the underlying factors of the growth performance of these spaces. In particular, the following questions are addressed: What role is there for research, education and innovation in the development strategies of the dynamic growth regions? What are the risks and consequences of dynamic growth on patterns of world growth and development, competitiveness, inequalities, and convergence? What development strategies should be promoted at national and international levels to promote a growing and more sustainable world economy? What are the implications of the emerging new competitors for Europe's competitiveness? Using an innovative, integrated framework of analysis, the contributions in this book combine a wide array of complex theoretical and methodological approaches.

From the Back Cover This book investigates dynamic regions in the context of greater global interaction in a world economy increasingly driven by knowledge and innovation. It offers novel empirical evidence on the underlying factors of the growth performance of these spaces. In particular, the following questions are addressed: What role is there for research, education and innovation in the development strategies of the dynamic growth regions? What are the risks and consequences of dynamic growth on patterns of world growth and development, competitiveness, inequalities, and convergence? What development strategies should be promoted at national and international levels to promote a growing and more sustainable world economy? What are the implications of the emerging new competitors for Europe's competitiveness? Using an innovative, integrated framework of analysis, the contributions in this book combine a wide array of complex theoretical and methodological approaches.

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Julia Siedschlag is Associate Research Professor and Head of the Centre for International Economics and Competitiveness at the Economic and Social Research Institute in Dublin. Her key areas of expertise include international and European economic integration; international trade and investment; economic growth in open economies, open economies macroeconomics; new technology diffusion, innovation and productivity; applied econometrics. Her research has been published in leading international journals and books. She has received several research awards from private and public organisations. She has been appointed as an international expert to the European Commission, European Central Bank, World Bank, Inter-American Development Bank, Asian Development Bank Institute, and the World Economic Forum. She has been awarded a significant number of research grants and projects involving European research organisations and universities.