# **CONTENTS**

$\operatorname{Th}\epsilon$	Authors 5
Loc	ation of the Small States covered in the Book 12
	eword
1.	Introduction
2.	Trends in Singapore's Competitiveness
3.	Productivity and Competitiveness in Barbados: Enterprise and National Initiatives
4.	Malta's Competitiveness Standing and the EU Lisbon Agenda
5.	Determinants of Competitiveness: The Case of Slovenia and other CEE Economies
6.	Competitiveness Strategies and the South Pacific Island Countries
7.	Enhancing Competitiveness of Fiji's Economy
8.	Jamaica in International Competition
9.	Okinawa's Competitiveness Challenges for Self-Reliant Economic Development

10.	Competitiveness in Small, Open, Mineral-based Economies: The Case of Trinidad and Tobago	170
11.	Competitiveness and Long-term Growth in the Suriname Economy	188
12.	Competitiveness and Productivity in Mauritius	204
13.	Prospects for Economic Competitiveness in Lesotho	216
14.	SMEs and Entrepreneurship Development in Bahrain	229
15.	The Gambia – Trials of a Small Open Economy	241
16.	Paradigms, Public Institutions and Competitiveness: A Case Study of Belize  David Gomez	251
17.	${\bf Competitiveness-A\ Primary\ Requisite\ for\ Cyprus\} \\ {\bf Chris\ Mavris}$	270
18.	Social Consensus and Competitiveness Strategies: The Case of Dominica	291
19.	Small Island Developing States and Agricultural Trade Liberalisation  Luca Monge-Roffarello, Michael Swidinsky and David Vanzetti	307
20.	A Case for Special Treatment: Small Island Developing States in International Trade Negotiations	338
Sub	oject Index	349
Aut	hor Index	355

## THE AUTHORS

MANU BHASKARAN is Partner and Member of the Board, Centennial Group Inc, a strategic advisory group based in Washington DC. He heads the Group's economic research practice in Singapore. He is also an Adjunct Senior Fellow at the Institute of Policy Studies, focusing on economic policy issues confronting Singapore. Mr Bhaskaran graduated in Economics from Cambridge University and also has a Masters degree in Public Administration from Harvard University. He is a Chartered Financial Analyst. Prior to his current positions, Mr Bhaskaran worked for 13 years at the investment banking arm of Société Générale as its Chief Economist for Asia. Before that he worked in Singapore's Ministry of Defence, focusing on regional security and strategic issues.

ASSAD BHUGLAH is the Director of Trade Policy at the Ministry of Foreign Affairs, International Trade and Regional Cooperation of the Government of Mauritius. He has participated extensively in trade negotiations at regional and multilateral levels over the last 15 years. He has been closely associated with the work of Commonwealth Trade Expert Group on Small Economies. Since January 2002 he has formed part of UNDP's Experts Team on SIDS. He has also acted as external lecturer on Trade Diplomacy at the University of Mauritius.

LINO BRIGUGLIO is Professor and Head of the Economics Department at the University of Malta, Director of the Islands and Small States Institute at the Foundation for International Studies and Director of the Malta University Centre on the Island of Gozo. He was awarded a PhD in Economics from the University of Exeter (UK) in 1982. His main area of interest is islands and small states studies. He was originator of the concept of the economic vulnerability index and was instrumental in its construction. Professor Briguglio has represented the Maltese government in United Nations meetings dealing with islands and small states' affairs, including the 1994 UN Global Conference on the Sustainable Development of Small Island States and at the 2002 AOSIS meeting during the World Summit on Sustainable Development. He also sits on many Government committees, including the Fair Trading Commission and the Commission for Sustainable Development.

GORDON CORDINA is a graduate of the University of Malta and of the University of Cambridge, UK. He currently lectures at the Economics Department of the University of Malta. He had previously worked in the Economics Department of the Central Bank of Malta for nine years up to October 2001, where he headed the Department's Research Office. He is the author or co-author of a number of journal articles on public finance, macroeconometric models and welfare reform. In 1997, Mr Cordina published the study "A Structural Econometric Model of the Maltese Economy" in the

#### Competitiveness Strategies for Small States

Journal of Economic and Financial Modelling — a model which remains in use at the Central Bank of Malta. Mr Cordina is currently a board member of the Malta Council for Science and Technology and advisor to the Malta Council for Economic and Social Development. In recent years, he has served on a number of economic policy committees in Malta including the Commission for Welfare Reform and the Malta Council for Economic Development.

ANDREW S. DOWNES is Professor of Economics and University Director of the Sir Arthur Lewis Institute of Social and Economic Studies of the University of the West Indies. He is based at the Cave Hill Campus in Barbados. He was educated at the University of the West Indies, University of Toronto and University of Manchester. He obtained his PhD in Economics from the University of Manchester in 1985. He specialises in Applied Econometrics, Labour Economics and Development Economics and has published several articles in regional and international journals. He has been a consultant to several national, regional and international organisations. He has received several academic awards and has been a member of several public bodies including the National Productivity Council in Barbados.

ROSEMARIE-RITA ENDELEY studied at Universities in West Africa, USA and the United Kingdom and has been involved in development work for the past 25 years in the Commonwealth. Dr Endeley is currently the Regional Programme Manager for the Caribbean and Mediterranean Region at the Governance and Institutional Development Division (GIDD) of the Commonwealth Secretariat. Her specialist areas are micro-finance/credit management for poverty alleviation and sustainable development, gender and development, including programme development for capacity building and good governance through technical assistance. She has authored, coauthored and edited numerous articles and books including, Gender and Development: Credit Management for Poverty Alleviation (2004); Management of Credit Schemes for Women Entrepreneurs in Africa (2004); Biodiversity and Gender for Sustainable Development (1999); Gender and Biodiversity: Perspectives (2004). She is team manager for the "Commonwealth Human Resource Management Strategy on the Impact of HIV/AIDS in the Public Sector" Programme in GIDD.

DAVID GOMEZ is co-Founder and Managing Partner in Launchpad Consulting — a Trade and Commerce Consulting Services firm located in Belize, Central America. He was previously the Minister's Counsellor in the Permanent Mission of Belize to the UN-WTO in Geneva and served as the International Trade Policy Advisor in the then Ministry of Investment and Trade in Belize. He was one of the first Belizeans to complete the WTO Trade Policy Progamme and remains engaged in the area of international trade where through his firm he has successfully partnered with a number of international organisations including the Carlton Centre for Trade Policy and Law at Carleton University, the Caribbean Regional Negotiating Machinery, the OAS Trade Unit, and the World Trade Organisation. He has also lectured at the University of Belize. He holds an MA in International Relations from the University of Kent, Canterbury (U.K.) and is currently a

#### The Authors

LLM Candidate in International Trade Law at Northumbria University also in the United Kingdom.

RAMAN JAGGI is Advisor on Small Business Development at the Bahrain Development Bank-Bahrain. For the past 18 years he worked in the field of entrepreneurship and small and medium enterprise development. He obtained his post bachelor diploma in management in 1985. He is also an accredited trainer for entrepreneurship development under certificate awarded by the Entrepreneurship Development Institute of India. He started his job career as officer with an industrial consultancy organisation in India in 1986. He has worked at various responsibility levels with Apex Entrepreneurship Institute in India and subsequently in Bahrain on international assignments. He worked with UNIDO, Bahrain, as Business Development Expert during 2000-2001. He joined the Bahrain Development Bank in December 2001 as an Advisor. He is the author of many papers on small business development and entrepreneurship. He has been awarded the National Best Science and Technology Trainer-Motivator Award for the year 1992 by the Government of India.

T. K. JAYARAMAN, is Associate Professor in the Economics Department and MBA Programme of the University of the South Pacific, Fiji, He obtained his MA degree as an East West Centre Grantee and his PhD degree as a Fulbright Scholar, both from the University of Hawaii. His academic/research interests are in the area of Monetary Economics and Comparative Economic Development in the South Pacific Island Countries (SPICs). He has several publications to his credit. His recent publications include Monetary Issues in the South Pacific Island Countries, USP Book Centre, Suva, 2003 and Financial Sector Development and Private Investment in Vanuatu, Macmillan Brown Centre for Pacific Studies, Christchurch, New Zealand, 2003. Dr Jayaraman was a Senior Economist with the Manila-based Asian Development Bank for more than 15 years and in that capacity, he processed many development loans and technical assistance projects in the SPICs and in Southeast Asia. Before joining the University of the South Pacific USP, he was a postdoctoral research fellow at the Macmillan Brown Centre for Pacific Studies, University of Canterbury, New Zealand.

HIROSHI KAKAZU was awarded a PhD in Economics from the University of Nebraska in 1971. Since then he has held posts at the London School of Economics, the East-West Centre (Fulbrighter), the University of Hawaii, the University of the Ryukyus and the Asian Development Bank. Recent positions include that of Professor and Dean of the International University of Japan, and Professor of the Graduate School of International Development at Nagoya University, He also served as Vice-President of the Okinawa Development Finance Corporation. He is the co-founder of the International Small Islands Studies Association (ISISA), Vice-President of the International Scientific Council for Island Development (INSULA), Vice-President of the Japan Society of Island Studies, and a member of the UNESCO panel of Experts on Culture and Tourism. He has served on various governmental panels including the Okinawa Development Promotion Council (currently Vice Chairman appointed by Prime Minister). He is the author of many books, including The Structure of Okinawa's Economy (Nagoya University, 1997),

#### Competitiveness Strategies for Small States

Problems and Prospects of Asiatic Patterns of Development: Lessons of ADB's Thirty Years of Experiences (Nagoya University Press, 1997). He also authored more than 70 articles on the Asia-Pacific island economies for various academic journals.

**ART KOVACIC** is a research assistant in the Institute for Economic Research in Ljubljana. His research work is mainly oriented on competitiveness issues in international network co-operating in the preparation of two competitiveness reports (IMD and WEF). Both provide a multidimensional approach to benchmarking a country's performance against economies-world wide by highlighting their comparative strengths and weaknesses. He is the author of many works on competitiveness and on the Slovenian economy.

ROGER HOSEIN is a lecturer in the Department of Economics, University of the West Indies, St Augustine Campus, Trinidad and Tobago. He is a graduate of University of the West Indies and the University of Cambridge, UK. His research interests are in the areas of tertiary level funding and international trade, with emphasis on regional trade blocs, trade liberalisation, foreign investment and migration. He has been involved in a number of recent projects for the government including the Dollar for Dollar progamme and the Government Assistance for Tertiary Education. He is also a member of the Government's policy sub-committee on tertiary level education.

HASHIM S. HUSSEIN is Head of the United Nations Industrial Development Organisation - Investment and Technology Promotion Office (UNIDO-ITPO)/ the Arab Regional Centre for Entrepreneurship and Investment Training (ARCEIT) — Kingdom of Bahrain. Dr Hussein has extensive experience in the field of Industrial Development and Investment and Technology Promotion. He holds a PhD (Honours) in International Law of the Sea from the University of Nantes, France. In 1989, he followed a Doctoral Research Programme at the University of Maryland, USA, at College Park Centre for International Development and Conflict Management (CIDCM). He has worked at various responsibility levels in different countries, including the USA, Egypt, Sudan and the Kingdom of Bahrain. He joined UNIDO in 1991 as a Progamme Officer posted in the Kingdom of Bahrain to become in 1996 the Head of UNIDO-ITPO.

RHODA LETANG is an investment officer at the National Development Corporation, a statutory board of the government of Dominica, responsible for facilitating and generating investment in tourism and industry. She possesses a BSc in Economics and Accounting from the University of the West Indies, Cave Hill Campus, Barbados and has just completed her Masters degree in Economic Development Policy at the Sir Arthur Lewis Institute of Social and Economic Studies, University of the West Indies, Mona Campus Jamaica. She serves on various government committees looking at ways of mapping the way forward for investment in Dominica.

**BABA-MUSTAFA MARONG** has been a Principal Economist in the Department of State for Trade, Industry and Employment, The Gambia from 1994 to 2002. He is responsible for policy analysis, policy development and

#### The Authors

evaluation in areas including trade, industry and employment. Since August 2002, he has been coordinating a project for the interface of government, private sector and civil society. Mr Marong holds a BSc degree in Economics from the State University of West Georgia, an MA degree from the University of Wisconsin-Madison, both in the USA. He received a diploma in Economic Planning and Development from the UN Graduate School-IDEP in Dakar Senegal.

SEKONE MASIA is currently Trade Relations Officer in government service, a position which has given her considerable experience and exposure in the area of economic development of Lesotho. She has advocated strategies for Lesotho to benefit from agreements such as African Growth Opportunity Act and Southern African Customs Union in the South African Development Community. Furthermore she subscribes to the importance of entrepreneurship and political stability for the enhancement of competitiveness. She has actively cooperated with the IMF, World Bank and the European Union in this regard. She is also a keen promoter of socioeconomic development and empowerment of women, youth and other marginalised groups. Mrs Masia possess a Bachelors degree in Economics from the National University of Lesotho.

CHRIS MAVRIS was, until 2002, Assistant Professor of Tourism and Management in the Tourism Studies Programme of the Business Administration Department at Cyprus College, Cyprus and Co-ordinator of the Tourism Studies Programme. He is a member of the International Association of Tourism Professionals; a member of the board of directors of INSULA (International Scientific Council for Island Development) supported by UNESCO; a member of the Cyprus Association of Management Consultants and a member of the Cyprus Employers and Industrialists Federation. In 1990, he established Chris Mavris and Associates — an organisation, specializing in providing Consultancy and Training Services in the fields of Management, Tourism Management and Development and European Affairs.

RAMOSHEBI I.M. MOLETSANE is Professor and Director of the Department of National Manpower Development Secretariat within the Ministry of Finance and Development Planning of Lesotho. He is an educationalist and curriculum developer. His diverse experience covers both academic aspects and community development. He actively promotes the need for human resources development, in particular through education in the vocational, technical, entrepreneurship and appropriate technology fields. Professor Moletsane possesses a PhD in International Education from the University of Massachussetts, USA.

LUCA MONGE ROFFARELLO is an Economics Affairs Officer within the Trade Negotiations and Commercial Diplomacy Branch at UNCTAD in Geneva. His area of work covers both research on trade and development and trade related technical assistance activities. On the former he has worked extensively on preferential market access, particularly for LDCs, on rules of origin, regional trading arrangements, and, more recently, on WTO negotiations in agriculture. He is responsible for a number of projects on

### Competitiveness Strategies for Small States

technical assistance, aimed at enhancing the capacity of developing countries to deal with regional and multilateral trade negotiations.

**DENNIS PANTIN** is Senior Lecturer in the Department of Economics, University of the West Indies, St Augustine Campus, Trinidad and Tobago. He is a founder member and first Coordinator of the Sustainable Economic Development Unit (SEDU) for small island developing states (SIDS), based in the Economics Department, St Augustine Campus. He is a graduate of the University of the West Indies and the Institute of Development Studies (IDS), University of Sussex, UK. He is the author of the book *The Economics of Sustainable Development in Small Caribbean Islands*, published by the Centre of Environment and Development of University of the West Indies (UWICED). He has been the Principal Investigator on several recent SEDU studies on environmental management and sustainable livelihoods in the land water interface in the Caribbean region.

MAHENDRA REDDY is a Development Economist based at the Development Studies Programme at the Pacific Institute of Advanced Studies in Development Governance of the University of the South Pacific. He teaches in the Postgraduate Programme of Development Studies. He has taught courses on "Trade and Development", "Development Economics", "Agricultural Economics", "Research Methodology", "Microeconomics", "Macroeconomics" and "Economic Statistics". He has researched on a wide range of topics related to economic development and has published extensively in this area, in local, regional and international journals. He obtained his PhD from the University of Hawaii in 1998, majoring in Agricultural and Resource Economics.

**PETER STANOVNIK** is Professor at the University of Ljubljana. He possesses an MA from University of Ljubljana and PhD in Economics from the University of Zagreb. In 1978 he joined the Institute for Economic Research, the leading economic research institution in Slovenia. In the period 1991-2003 he was director of this institute. He conducted numerous studies in the field of science and technology and innovation policy. He has been teaching Economics of Technological Change at the College for Entrepreneurship in Piran, Slovenia, since 1995. Between 1998-2002 he was vice president of EADI (European Association of Development Research and Training Institutes) and the president of National Technology Council.

MICHAEL SWIDINSKY is an Agricultural Economist with special interest on international aspects. His specific expertise is agricultural trade policy, particularly relating to WTO issues. At the time of writing he was on leave with the Division on International Trade in Goods and Services, and Commodities at the UNCTAD in Geneva. He holds a PhD in Agricultural Economics from the University of Guelph, Canada. Besides having worked for UNCTAD, he has served as an international expert on several traderelated technical cooperation projects with the UN Food and Agriculture Organisation.

NIKHIL TREEBHOOHUN was appointed as the first Executive Director of the National Productivity and Competitiveness Council (NPCC) of

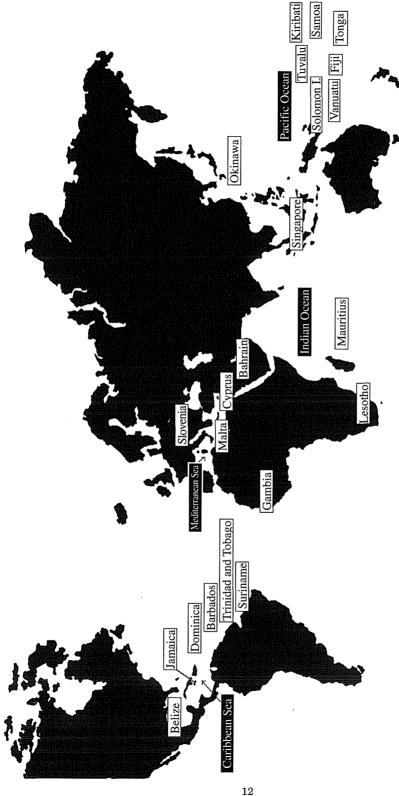
#### The Authors

Mauritius, in 2000. Earlier, for ten years, Mr Treebhoohun was CEO of organisations which interface directly with the private sector and international organisations. In 1992 he was instrumental in the setting up of the Export Processing Zones Development Authority (EPZDA), which acted as a catalyst and facilitator to improve efficiency and productivity in the export sector. He launched a Clothing Technology Centre, and an Information Resource Centre in 1998. Mr Treebhoohun pioneered Internet access in Mauritius. He is a Fellow of the World Academy of Productivity Science and was a Fulbright scholar at Georgetown University, Washington D.C. He possesses a BSc (Hons) Economics, specialising in Industry and Trade from the London School of Economics and has carried out post-graduate studies in financial management at the University of New England (Australia) and in developing studies at the Institute of Social Studies (The Hague).

PITOU VAN DIJCK is Associate Professor of Economics at the Centre for Latin American Research and Documentation (CEDLA) at the University of Amsterdam. Since 1997 he has been giving courses on international trade and integration at the Anton de Kom University in Paramaribo, Suriname. He has published widely on structural reform programmes in Latin America, and more specifically on reform of trade regimes at the national, regional and multilateral levels. Among his most recent books are Ten Years of Mercosur (2002), Suriname – The Economy (2001) and The External Economic Dimension of the European Union (2000, co-edited with Gerrit Faber).

DAVID VANZETTI is an Agricultural Economist within the Trade Analysis Branch at UNCTAD in Geneva. He holds a PhD in Economics from the La Trobe University in Australia. He has previously worked with several Universities, the Australian Bureau of Agricultural and Resource Economics, the Danish Institute for Agricultural and Fisheries Economics and the UN Food and Agriculture Organisation. His previous work includes farm investment analysis, applications of game theory to the international wheat market, trade policy analysis of the Uruguay Round, South African trade sanctions, regional trading arrangements, desert locust control, climate change, trade and environment policies and food security issues. Lately he has turned his attention to developing country issues and multilateral trade negotiations.

ALVIN G. WINT is Professor of International Business, and former head of the Department of Management Studies, at the University of the West Indies (Mona). He holds a Doctorate in International Business from Harvard University. The author of numerous publications in the field of international investment policy and international competition, he recently authored the book Competitiveness in Small Developing Economies: Insights from the Caribbean, which won the award for best publication in the Faculty of Social Sciences at UWI, Mona. Professor Wint serves on the boards of several public and private sector companies in Jamaica. Additionally, he has served as a consultant to the World Bank, as an expert resource person to the United Nations and is a former associate editor of the Journal of International Business Studies. In 2003, he won the Vice Chancellor's Award for Excellence for all-round outstanding performance in teaching, public service and university service at the University of the West Indies.



Okinawa, these jurisdictions are independent states. Okinawa is a Japanese island prefecture, and its competitiveness concerns are in many ways similar to those of small states. Most of the small states shown in the map are members The map shows the location of the small states and territories covered in this publication. With the exception of of the Commonwealth. Three states, namely Malta, Cyprus and Slovenia, are new members of the EU.