# Population, Resources and Development

### Riding the Age Waves -Volume 1

Edited by

#### SHRIPAD TULJAPURKAR

Stanford University, California, U.S.A.

#### IAN POOL

Waikato University, Hamilton, New Zealand

and

#### VIPAN PRACHUABMOH

Chulalongkorn University, Bangkok, Thailand

## 4y Springer

#### CONTENTS

Prefa	ace	vi
Ackr	nowledgements	ix
The .	Authors	X
Intro	duction	
1.	Age-Structural Transitions, Population Waves and "Political Arithmetick" Ian Pool, Vipan Prachuabmoh, Shripad Tuljapurkar	3
Part	I: Issues and Patterns	
2.	Age-Structural Transitions and Policy: Frameworks Ian Pool	13
3. I	Human Capital Aspects of Economic Development: A Comparative Perspective in Asia <i>Gavin W.Jones</i>	41
4.	A Comparative History of Age-Structure and Social Transitions among Asian Youth Peter Xenos, Midea Kabamalan	57
Part	II: Policy Analysis, Models and Methods	
5.	A Formal Model of Age-Structural Transitions Nan Li, Shripad Tuljapurkar	91
6.	Projecting Numbers of Living Children of Old People with an Example from Thailand  John Bryant	107

vi CONTENTS

7.	Toward a Concept of Population Balance Considering Age-Structure, Human Capital, and Intergenerational Equity Wolfgang Lutz, Warren Sanderson	119
8.	Structural and Policy Consequences of Mortality and Fertility Decline Shripad Tuljapurkar	139
Part	III: Country-Specific Transitions and Challenges	
9.	Policy Implications for Old-Age Economic Support of Changes in Thailand's Age Structure: A New Challenge Napaporn Chayovan	157
10.	Changing Family Structure in Turkey, 1968-1998  Turgay Unalan	181
11.	The 'Youth Bulge' and Agriculture in the Philippines Peter B. Urich, Socorro A. Gultiano	203
12.	Singapore's Changing Age Structure: Issues and Policy Implications for the Family and State Angelique Chan	221
Inde	x	243