

CONTENTS

1. INTRODUCTION	1
1.1. Theoretical frame of this development study.....	1
1.1.1. An outline of objectives and a summary of aims	3
1.1.2. Objectives.....	5
1.1.3. Summary of aims.....	6
1.1.4. Some considerations of historical developments in the relationship between economy and society	8
1.2. Related concepts in global economy	13
1.2.1. Convergence and divergence in the era of globalisation.....	15
1.2.2. Some guiding hypotheses for this study	19
1.3. Economic growth and globalisation.....	20
1.4. International economic influence on national social policy	24
1.5. Global economy and social development	28
2. EMPIRICAL STUDIES OF LEVELS OF ECONOMIC GROWTH AND HUMAN DEVELOPMENT	31
Impacts of global economic growth - Methodology and material (for the measurement of convergence and divergence)	31
2.1. Choice of indicators for the study	32
2.2. Sources of data	33
2.3. Analysis of data	35
2.4. Selection of global sample: Cross-section of rich and poor countries	36
2.5. Towards the measurement of convergence and divergence with indicators of human development.....	36
2.6. Methodology for measuring human development	39
2.6.1. Indicators for the calculation of human development index	41
2.6.2. Improvement on the construction of human development index.	46
2.6.2.1. Setting the premise for the measurement of human development index	47
2.6.2.2. The calculus for adult literacy index	51
2.6.2.3. The calculus for combined gross enrolment enrolment index for schools	54
2.6.2.4. The calculus for educational attainment index	57
2.6.2.5. The calculus for adjusted real GDP per capita index	60
2.6.2.6. The calculus for human development index	63
3. ANALYSIS OF CONVERGENT AND DIVERGENT EFFECTS OF ECONOMIC GROWTH ON HUMAN WELL-BEING AND DEVELOPMENT	67
3.1. Comparisons by levels of human development indices.....	70
3.1.1. Life expectancy indices of nations	73
3.1.2. Educational attainment indices of nations.....	77
3.1.3. Gross domestic product indices of nations	81
3.2. Group perspective on industrial, semi-industrial and developing nations	84

3.2.1. The industrial nations with high HDI	87
3.2.2. The semi-industrial nations with medium HDI	90
3.2.3. The developing nations with low HDI	93
3.3. Global economy and social policy for global interdependence	100
4. THE STATE, GLOBAL ECONOMIC GROWTH, AND HUMAN WELL BEING:IN-DEPTH ANALYSIS I.	105
4.1. Economic growth, human well-being, and development	111
4.2. Convergence, divergence, and economic policy.....	115
4.3. Convergence and divergence for economic growth: social policy for human well-being	121
4.4. Policy for strong links between economic growth and human well-being.....	124
5. INDUSTRY, TECHNOLOGY DEVELOPMENT AND GLOBALISATION: IN-DEPTH ANALYSIS II	131
5.1. Globalisation of the industry, and social policy	139
5.2. Beyond the nation state: Global citizenship and human well-being.....	148
5.3. Corrective social policy for attaining social development goals	160
6. CONCLUSION	164
6.1. Research summary	165
6.2. Research findings	171
6.3. Recommendations to formulate social policy	179
6.4. The way ahead: Redefinition of economic growth objectives	180
REFERENCES	188

LIST OF FIGURES AND TABLES

FIGURES:

Figure 1. Thirty countries in global sample	36
Figure 2. Main indices for the calculus of human development index 1995	42
Figure 3. Formula for the construction of human development index	47
Figure 4 A. Calculus for life expectancy index from actual 1995 life expectancy at birth	49
Figure 4 B. Low, medium, and high indices of life expectancy at birth 1980 – 1998	51
Figure 5 A. Calculus for adult literacy index – 1995	53
Figure 5 B. Low, medium, and high indices of adult literacy 1980 - 1998	54
Figure 6 A. Calculus for combined gross school enrolment index – 1995	55
Figure 6 B. Low, medium, and high indices of combined gross school enrolment 1980 – 1998	56
Figure 7 A. Calculus for educational attainment index - 1995	58

Figure 7 B. Low, medium, and high indices of educational attainment 1980 - 1998	60
Figure 8 A. Calculus for adjusted real GDP per capita index - 1995	62
Figure 8 B. Low, medium, and high indices of adjusted real GDP per capita (PPP\$) 1980 - 1998	63
Figure 9 A. The calculation of human development index - 1995	64
Figure 9 B. Low, medium and high human development indices 1980 - 1998	66
Figure 9 C. Group's index on high, medium, and low human development 1980 - 1998	86
Figure 10. The economic growth - Human Development Circle	128
Figure 11. Layout of convergence mechanisms and outcome by policy fields	143
Figure 12. Real GDP per capita (\$): Poverty Gap between industrial and developing nations	152
Figure 13. Fulfilled HDI: Gaps between industrial and developing nations	154
Figure 14. Unfulfilled HDI: Gaps between industrial and developing nations	155

TABLES:

Table 1. Life expectancy index 1980 - 1998 (in alphabetic order)	43
Table 2. Educational attainment index 1980 - 1998 (in alphabetic order)	44
Table 3. Adjusted real GDP (PPP\$) 1985 - 1998 (in alphabetic order).....	44
Table 4. Sum of life expectancy, educational attainment, and adjusted real GDP indices 1980 - 1998 (in alphabetic order)	45
Table 5. Human development index 1980 - 1998. (Serial ranking based on 1995 calculus)	46
Table 6. Actual life expectancy at birth (years) 1980 - 1998	48
Table 7. Life expectancy index 1980 - 1998	50
Table 8. Actual adult literacy rate (%) 1980 - 1998	52
Table 9. Adult literacy index 1980 - 1998	53
Table 10. Combined gross primary, secondary and tertiary school enrolment index 1980 - 1998	55
Table 11. Two-third weight of combined adult literacy index 1980 - 1998	57
Table 12. One-third weight of combined gross primary, secondary and tertiary school enrolment index 1980 - 1998	58
Table 13. Educational attainment index 1980 - 1998	59
Table 14. Real GDP per capita (PPP\$) 1980 - 1998	61
Table 15. Adjusted real GDP (PPP\$) index 1980 - 1998	62
Table 16. Sum of life expectancy, educational attainment, and adjusted real GDP indices	64
Table 17. Human Development Index 1980 - 1998	65
Table 18. High, medium, and low human development index (1995 statuses)	71
Table 19. High, medium, and low life expectancy index 1980 - 1998	75
Table 20. High, medium, and low educational attainment index 1980 - 1998	78
Table 21. High, medium, and low adjusted real GDP per capita (PPP int. \$) index 1980 - 1998	82
Table 22. Unfulfilled human development indices of nations 1980 - 1998	154