

## Content

|  |    |
|--|----|
| SUMMARY .....  | 5  |
| ABBREVIATION USE .....   | 6  |
| PREFACE .....  | 7  |
| I THEORETICAL BACKGROUND .....   | 8  |
| 1 HISTORY OF FOOD SECURITY .....   | 9  |
| 1.1 1930 – 1945: POST WORLD WAR ONE AND LEAGUE OF NATIONS .....  | 9  |
| 1.2 1945-1970: POST WORLD WAR II, UN, FAO, SURPLUSES .....   | 11 |
| 1.3 1970-1990: FOOD CRISIS, AMARTYA SEN, MAJOR REFUGEE SITUATIONS AND OTHER OF<br>EMERGENCIES, DROUGHT IN AFRICA ..... | 13 |
| 1.4 1990-2005: GOLDEN YEARS OF FOOD SECURITY .....   | 16 |
| 1. 5 THE FUTURE OF FOOD SECURITY .....   | 19 |
| 2 FOOD SECURITY TERMINOLOGY .....  | 20 |
| 2. 1 FOOD SECURITY AND FOOD SOVEREIGNTY .....  | 20 |
| 2. 2 THE PRACTICAL ACTION OF GOVERNMENT INSTITUTIONS IN THE AREA OF FOOD SECURITY ..                                   | 23 |
| 2. 2. 1 THE SYSTEM OF ECONOMIC MEASURES FOR CRISIS SITUATIONS (SEMCS) .....  | 25 |
| 2. 2. 2 ADMINISTRATION OF THE STATE MATERIAL RESERVES .....  | 27 |
| 3 FACTORS AND PROCESSES AFFECTING FOOD SECURITY .....  | 30 |
| 3. 1 CLASSIFICATION OF FACTORS IN TERMS OF FOOD SECURITY BY FAO .....  | 30 |
| 3. 2 CLASSIFICATION OF GLOBAL PROBLEMS (FACTORS AFFECTING FOOD SECURITY) .....   | 33 |
| II APPLICATION OF FOOD SECURITY PROBLEMATICS .....   | 40 |
| 4 GLOBAL FOOD SECURITY STRATEGIES AND SUSTAINABLE DEVELOPMENT .....  | 41 |
| 4. 1 CHALLENGES TO FOOD SECURITY IN THE 21ST CENTURY BY FAO .....  | 41 |
| 4. 2 FOOD SECURITY STRATEGIES AND SUSTAINABLE DEVELOPMENT .....  | 44 |
| 5 FOOD SECURITY AND FOOD SAFETY IN EU .....  | 51 |
| 5. 1 PROBLEMS AND CHALLENGES OF EU FOOD SECURITY .....   | 51 |
| 5. 2 EUROPEAN FOOD SAFETY POLICY .....   | 54 |
| 5. 3 FOOD SELF-SUFFICIENCY IN EU .....   | 57 |
| 6 FOOD SECURITY AND FOOD SAFETY IN THE CZECH REPUBLIC .....  | 65 |
| 6. 1 THE FOOD SECURITY EXTENT IN THE CZECH REPUBLIC .....  | 65 |
| 6. 2 STRATEGIC FOOD SECURITY FRAMEWORK .....   | 67 |
| 6. 3 STRATEGIC FOOD SAFETY FRAMEWORK .....   | 71 |
| 6. 4 FOOD SELF-SUFFICIENCY IN THE CZECH REPUBLIC .....   | 76 |
| III FOOD SECURITY CASE STUDIES .....   | 87 |

|  |     |
|--|-----|
| 7 ECONOMIC ANALYSIS OF THE NECESSARY AMOUNT OF BASIC FOOD TYPES FOR THE POPULATION OF THE CZECH REPUBLIC ..... | 88  |
| 7. 1 UNDERLYING ASSUMPTIONS OF THE CASE STUDY .....  | 88  |
| 7. 2 CASE STUDY RESULTING DATA .....   | 95  |
| 8 PHYSICAL ACCESSIBILITY OF FOOD .....   | 100 |
| 8. 1 ECONOMIC ACCESS TO FOOD.....  | 100 |
| 8. 2 PHYSICAL ACCESS TO FOOD.....  | 102 |
| 8. 3 PHYSICAL ACCESS TO ORGANIC FOOD – MARKET IN THE CR.....   | 107 |
| 9 FOOD SAFETY MANAGEMENT .....   | 111 |
| 9. 1 HACCP SYSTEM AS AN IMPORTANT TOOL FOR QUALITY CONTROL .....   | 111 |
| 9. 2 CASE STUDY OF RISK ANALYSIS AND DETERMINATION OF CRITICAL CONTROL POINTS IN THE FACILITY .....            | 113 |
| TABLES .....   | 122 |
| FIGURES .....  | 123 |
| BIBLIOGRAPHY.....  | 125 |
| ABOUT THE AUTHORS .....  | 132 |