

## CONTENTS

|   |    |
|---|----|
| <i>Zs. Bartos-Elekes, G. Timar, I. Rus</i> , HISTORICAL CADASTRAL MAPS OF CLUJ NAPOCA .....   | 1  |
| <i>R. I., Cojocaru, C. C., Stoleriu, Oana Mihaela Stoleriu, Adina Mosnegutu</i> , THE LAND USE ANALYSIS IN NICOLINA CATCHMENT'S AREA USING G.I.S TECHNIQUES ..... | 7  |
| <i>V. Crăciunescu, Șt. Constantinescu, I. Ovejeanu</i> , DEVELOPING AN OPEN ROMANIAN GEOPORTAL USING FREE AND OPEN SOURCE SOFTWARE .....                          | 15 |
| <i>Roxana Cuculici, Ines Grigorescu</i> , STATISTIC ANALYSIS – RESEARCH METHOD IN MODERN GEOGRAPHY .....  | 21 |
| <i>F. Dumescu, L. Klein</i> , RESEARCH CONCERNING THE STATE OF ENVIRONMENT AFTER SHUT DOWN OF ARAD FERTILIZER PLANT .....   | 26 |
| <i>Manon Kohler, J.L. Mercier, Ester Helgadóttir, Christine Grosjean</i> , CHANGEMENT CLIMATIQUE EN ISLANDE :1830-1999 .....                                      | 32 |
| <i>Zs. Magyari-Sáska, St. Dombay</i> , TOURIST TRAILS ANALYSIS AT ST. ANA LAKE REGION USING GIS METHODOLOGY .....   | 40 |
| <i>F. Mureșan, Lucia Daina</i> , THE BUILDINGS' MANAGEMENT IN THE SANITARY PUBLIC SYSTEM OF BIHOR DISTRICT - DETAILED RESEARCH .....                              | 46 |
| <i>M. C. Neacșu</i> , STATISTIC METHODS AND QUALITATIVE INDICATORS IN HUMAN GEOGRAPHY. CASE STUDY: CITY IMAGE MAPPING .....                                       | 56 |
| <i>Z. Nouaceur</i> , LA TEMPÊTE DE SABLE DU 19 AU 22 FÉVRIER 2004 EN ALGÉRIE: CONDITIONS MÉTÉOROLOGIQUES ET CARACTÉRISTIQUES .....                                | 64 |

|   |     |
|---|-----|
| <i>H. de Araújo Queiroz Palácio, Eunice Maia de Andrade, L. Araújo Crisostomo, A. dos Santos Teixeira, Ivam Holanda de Souza,</i> SELECTION OF THE DETERMINATES TRUSSU RIVER WATER QUALITY FACTORS USING MULTIVARIABLE ANALYSIS ..... | 74  |
| <i>C. V. Patriche, L. Sfică, B. Roşca,</i> ABOUT THE PROBLEM OF DIGITAL PRECIPITATIONS MAPPING USING (GEO)STATISTICAL METHODS IN GIS .....  | 82  |
| <i>C. Pop,</i> THE SPATIAL DISTRIBUTION OF TOURISTIC RESOURCES IN THE SĂLAJ COUNTY .....  | 92  |
| <i>Maria Rădoane, N. Rădoane, I. Cristea, Ioana Perşoiu, Alina Burdulea,</i> QUANTITATIVE ANALYSIS IN THE FLUVIAL GEOMORPHOLOGY .....   | 100 |
| <i>Ioana Simina Sas, Lucia-Mariana Țiplea, C. Dragoş,</i> HAPPINESS AND ITS SOCIO-ECONOMICS FACTORS. OVERVIEW AND ECONOMETRIC ESTIMATION .....  | 111 |
| <i>P. Sólyom,</i> FEEDBACK MECHANISMS BETWEEN MORPHOLOGY, STORM DURATION AND HYDROGRAPH SHAPES.....   | 121 |
| <i>G. Timar, K. Bela, Zs. Bartos-Elekes, C. Păunescu,</i> THE DEALUL SIBIULUI BASE POINT OF THE TRANSYLVANIAN SURVEYS.....  | 127 |
| <i>Maria-Cornelia Urdea,</i> USING GIS TECHNIQUES TO IDENTIFY AND ANALYSE LANDSCAPE. CASE STUDY: THE MĂCIN MOUNTAINS .....  | 135 |
| <i>I. Văduva, I. Haidu,</i> DATABASE RESOURCE IN GIS FLOOD SIMULATION .....   | 141 |