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THE FOCAL MAIN OBJECTIVE OF THE BOOK IS TO CONSTITUTE A MEANINGFUL LINKAGE AMONG RESEARCH PROBLEMS, GEOINFORMATION METHODS AND CORRESPONDING APPLICATIONS. THE RESEARCH GOALS, RELATED BOTH TO THEORETICAL AND PRACTICAL ISSUES, DERIVE FROM MULTIDISCIPLINARY FIELDS SUCH AS ARCHAEOLOGY, HISTORY, GEOGRAPHY, LANDSCAPE PLANNING, ENVIRONMENT, GEOINFORMATION SCIENCE, GEOLOGY AND GEOMORPHOLOGY. ALL THE AFOREMENTIONED SCIENTIFIC AREAS HAVE THE SPATIAL DIMENSION IN COMMON, I.E. THE VAST AMOUNT OF SPATIALLY REFERENCED DATA. THEIR RESEARCH ISSUES CAN BE ADDRESSED AND ANALYSED WITH GEOINFORMATION TECHNOLOGY; THOUGH, THE RESEARCHERS SHOULD GET FAMILIAR TO THE RANGE OF AVAILABLE GEOINFORMATION METHODS. THE BOOK PROVIDES DESCRIPTION OF A VARIETY OF RESEARCH PROBLEMS ISSUES AND TECHNOLOGICAL `SOLUTIONS'APPROACHES THAT CAN BE USED TO SUPPORT PROCESSES OF DATA CAPTURING, MAPPING AND ANALYSIS. THESE TECHNIQUES AND CONCEPTS ARE ILLUSTRATED ON NUMEROUS PRACTICAL EXAMPLES. ALONG WITH SPECIFIC EXAMPLES, WHERE THESE HAVE BEEN APPLIED. THE CURRENT STRUCTURE OF THE BOOK INCLUDES THE FOLLOWING FOUR CHAPTERS: INTRODUCTION, DATA CAPTURING AND MAPPING, ANALYSIS AND MODELLING, AND STUDY CASES. IN THE FOLLOWING WE PROVIDE A MORE DETAILED CONTENT OF EACH CHAPTER LISTING THE MAIN TOPICS INCLUDED WITHIN THE SELECTED ARTICLES.