This book presents a set of selected and edited papers presented at the 2nd and 3rd Design and Decision Support Conference. The purpose is to provide examples of innovative research in decision support systems in urban planning from throughout the world. Table of contents. PART ONE Theory. chapter 1: 14 pages. The design of spatial decision support systems in urban and regional planning. By Bola Ayeni. chapter 2: 8 pages. Computer-mediated cooperative spatial planning. By Thomas Gordon, Nikos Karacapilidis, Hans Voss, Andreas Zauke. chapter 18: 10 pages. Parking simulation using a geographical information system. Decision support systems can be useful aids to decision-makers in their assessment. Book Description. Urban planning processes have become increasingly complex and sophisticated. Decision support systems can be useful aids to decision-makers in their assessment of the impact of their decisions. 1. Design and decision support systems in architecture 2. Design and decision support systems in urban planning 3. Visual databases 4. Visualization 5. Facility planning and management 6. Design and planning theory 7. Design psychology 8. Holistic participation 9. Post-occupancy evaluation. View More. View Less. Related Subjects. City and Urban Planning. Property and Real Estate Practice Management. Back to top. DEVELOPMENT OF DDSS IN URBAN PLANNING The literature on design and decision support systems in urban planning is rich of many different tools and modelling approaches that potentially can support decision makers in better understanding the consequences of their decisions or help them in the decision-making process itself. Interesting to note is that this position is at variance with the first paper on urban planning included in this book, which argues and provides evidence of success. Hence, this discussion continues... and it should. xviii.