Gert Ruepert · Tijana Ilić Editors

Young Geographers

Showcasing Research Contributions in Geography







Contents

The scale issue in Geospatial Analysis. A Review from the Land Use Cover Change Modelling Perspective David García-Álvarez	1
West-East Differences in LEADER Program Results—The Expression of Wider Political and Governance Systems Ana-Maria Opria, Lucian Roșu, and Ema Corodescu-Roșca	19
A Methodology to Define Urban Areas in Intermediate Cities. A Case Study on Inland Spanish Cities (Castilla-La Mancha) Irene Sánchez Ondoño and Francisco Cebrián Abellán	37
Post-pandemic Urban Reality: COVID-19 as an Accelerator or a Hindrance to the Development of Grassroots Urban Activism? The Example of Poland Patrycja Grzyś	63
Urban Rhythmscapes—Examining the Temporal Forms of Urban Spaces	81
Mapping Urban Integration of Archaeological Heritage. The City Centre of Malaga, Andalusia, and Spain	95
Sensing and (Re) Imaging an Urban Enclave Through Application of Visual Streetscape Ethnography: A Study of Twin Chinatowns in Kolkata Kunaljeet Roy	113
Shaping a City With(out) Canvassing Its Citizens. The Transformation of Parco Bassini in Milan: A Case Study	139

viii Contents

A Geographical Approach to European Cargo Airports	159
Conflicting Interests in Transport Infrastructure Planning: Theoretical Approaches and Practical Implications of Conflict Management in Planning Processes Maruša Goluža	179
Spatial Distribution of Land Cover in North Eastern Region of India: An Appraisal Using Geospatial Technology	203
Assessment of the Potential of Viticultural Areas in Serbia as Smart Tourist Destinations	231
Index	253

List of Figures

	ver Change Modelling Perspective	
Fig. 1	Dimensions, kinds and components of scale according to the conceptual framework proposed by Wu and Harbin (2006) and Wu (2007)	4
Fig. 2	Conceptual chart of the scalar conceptualization of natural and socioeconomic processes	:
Fig. 3	Conceptual chart of the quantification of scale	(
	East Differences in LEADER Program Results—The sion of Wider Political and Governance Systems	
Fig. 1	LEADER projects financed in Romania between 2007 and 2020	20
Fig. 2	LEADER funds absorbed in Romania between 2007 and 2020 by project categories	2
Fig. 3	Concentration of LEADER projects and total funds across the Romanian LAGs	28
Fig. 4	Funds absorbed/inhabitant vs. local human development index	29
	nodology to Define Urban Areas in Intermediate Cities. A audy on Inland Spanish Cities (Castilla-La Mancha)	
Fig. 1	Urban audit and MITMA classifications. Own preparation	4
Fig. 2 Fig. 3	Methodological proposal. Own preparation	42 43
Fig. 4 Fig. 5	Image of a CAT file Filtering for housing study in the web application. Own	44
	preparation	4.

x List of Figures

Fig. 6	List of municipalities included in the AHP urban areas. Own	4
Fig. 7	preparation First proposal for a typology of urban area. Own preparation	4!
Fig. 7	Main characteristics of the cluster analysis. Own preparation	5
Fig. 9	Final proposal for a typology of urban area. Own preparation	5
Fig. 10	Final proposal for a typology of urban area. Own preparation	5
Fig. 11	Example of municipal data sheet for Yebes. Own preparation	5.
Fig. 12	Number of dwellings and construction types (Yebes). Own	
1 16. 12	preparation	5.
Fig. 13	Orthophotos from the National Plan of Aerial Orthophotos	
	of 1956–1997: Yebes. Own preparation	5:
Fig. 14	Orthophotos from the National Plan of Aerial Orthophotos	-
	of 2009–2018: Yebes. Own preparation	5
Fig. 15	Number of dwellings and construction types (Valdeluz).	
	Own preparation	5
Fig. 16	Orthophotos from the National Plan of Aerial Orthophotos	
	of 1956–1997: Valdeluz. Own preparation. Own preparation	58
Fig. 17	Orthophotos from the National Plan of Aerial Orthophotos	
	of 2009–2018: Valdeluz. Own preparation	59
Fig. 1	The relationship between reaction speed and degree of influence on crisis occurrences between different urban	
	stakeholders	72
Urban I Spaces	Rhythmscapes—Examining the Temporal Forms of Urban	
Fig. 1	Imaginations on urban rhythms and the dynamism	
_	of the street space (as point-cloud images)	83
Fig. 2	Photographs from the walking routes, showcasing	0.
	different temporal elements of the day-to-day journey	
	in the city, as photographed by the informants	
	during the go-along interview	88
Fig. 3	A section of the route depicted by a succession	0,
	of spaces and practices—or the internal rhythm	
	of the route—as photographed by a research informant	
	on her walking route	8
Fig. 4	A series of still images from the recorded site observation	٠,٠
	videos, depicting the rhythms of the mobility practices in the space	

List of Figures xi

Fig. 5	Imaginations of the relationship between urban space, time and practices (or rhythm) and the formation of rhythmscapes. The x-axis representing time can be imagined e.g., as a 24 h time frame read from the left to right (which then would reset and repeat from the origin). The figure is inspired by Melvin Webber's diagram on non-place urban realm (Webber 1964,	
	119, reprinted in Relph 1976, 120)	91
	of Malaga, Andalusia, and Spain	
Fig. 1 Fig. 2	Location of Malaga in Spain and Europe. Source The authors Location of the central district of Malaga. Source The	101
rig. 2	authors, cartographic basis: Andalusian Government 2016	103
Fig. 3	Location of the selected archaeological heritage in the city	
	centre of Malaga. Source The authors, cartographic basis:	
TC: 4	Andalusian Government 2016	105
Fig. 4	Sample of the inventory. <i>Source</i> The authors, based on Andalusian Government 2022; Malaga City Council 2022	106
Fig. 5	Roman Theatre with tourist use. Source The authors	107
Fig. 6	Remains of the Roman Wall inside a hotel. Source The authors	108
Fig. 7	Relationship between the type of ownership of heritage	
	assets and their possibility to be visited. Source The authors.	
E: 0	Cartographic basis: Andalusian Government 2016	108
Fig. 8	Relationship between the level of conservation of archaeological heritage assets and their current use.	
	Source The authors. Cartographic basis: Andalusian	
	Government 2016	109
	and (Re) Imaging an Urban Enclave Through Application al Streetscape Ethnography: A Study of Twin Chinatowns ata	
Fig. 1	Location of the 'Twin Chinatowns- Cheenapara and Tangra'	
	in Kolkata	117
Fig. 2	Unique Chinese architecture in the neighbourhood	110
Fig. 3	of Backburn Lane 'Edge' separating Chinese and Muslim quarters (Blackburn	118
11g. 5	Lane- Damzen Lane)	120
Fig. 4	Behavioural (cognitive) map of Cheenapara breakfast market	
Č	and the core activity space	121
Fig. 5	a Native 'huiguans' of Cheenapara. b Chinese	
	'huiguans'—symbol of ethnic belongingness (Toong On	10.4
Eig 6	and Nam Soon)	124
Fig. 6	a,b Chinese shrines of Tangra (mixing of exclusive	125

xii List of Figures

Fig. 7	Chinese 'necro'-spaces in Tangra	126
Fig. 8	a,b Everyday leisurely spheres of 'Mahjong' and 'Overseas' Chinese daily	128
Fig. 9	a,b Everyday carpentry (Cantonese) and shoe business (Hakka) 'spaces'	130
Fig. 10 Fig. 11	Segregated Hakka tannery 'spaces' of Tangra	131 132
Fig. 12	Spatial distribution of Chinese eateries (in and around Chinatown) in Kolkata	133
Fig. 13 Fig. 14	Chinese culinary 'spaces' of Tangra	133
11g. 14	clinics in Kolkata	135
	g a City With(out) Canvassing Its Citizens. The rmation of Parco Bassini in Milan: A Case Study	
Fig. 1	Green urban areas in the Metropolitan City of Milan. The	
C	map shows the position of the Parco Media Valle Lambro (1), the Parco Nord Milano (2), and the Grande Parco	
Fig. 2	Forlanini (3). <i>Source</i> Capocefalo and Gambazza 2022 Aerial view of the former Parco Bassini. <i>Source</i> Foti 2019	141 144
Fig. 3	Green urban areas in the North-eastern part	
	of the Municipality of Milan. The placemark indicates the position of the former Parco Bassini. <i>Source</i>	
Fig. 4	Capocefalo and Gambazza 2022	144
	The billboard reads: "Save Parco Bassini! Permanent encampment in Largo Volontari del Sangue every day	
	from 7.30 in the morning. Save the trees!". Source Forconi	
Fig. 5	The park during the demolishing (aerial view). Source Foti	151
Fig. 6	Torchlight procession on 9 January 2020. The billboard	152
	reads: "Stop soil sealing! At the Parco Bassini and throughout Milan". Source Forconi 2020	152
A Coogy	raphical Approach to European Cargo Airports	132
Fig. 1	Map of main air cargo airports in Europe, 2010 and 2021. Own elaboration	1.60
Fig. 2	Leipzig/Halle airport. Own elaboration	168 169
Fig. 3	Liège airport. Own elaboration	171
Fig. 4	Luxembourg airport. Own elaboration	173
Fig. 5	Zaragoza Airport. Own elaboration	174

List of Figures xiii

Theoret	ing Interests in Transport Infrastructure Planning: ical Approaches and Practical Implications of Conflict ment in Planning Processes	
Fig. 1	Lefebvre's triad of space production (adapted from Lefebvre	
Fig. 2	2013)	183
1 lg. 2	and private interests	185
Fig. 3	Characteristics of wicked problems (adapted from Rittel	106
Fig. 4	and Webber 1973) The course of the predicted third development axis (section	186
	F) in a national and regional contest	189
Fig. 5	Variants of the third development axis highway on the section between Velenje and the Šentilj-Koper A1 motorway,	
	Slovenia	191
	Distribution of Land Cover in North Eastern Region of n Appraisal Using Geospatial Technology	
Fig. 1	Location of North Eastern Region, India	206
Fig. 2	A step-by-step flowchart of GIS-derived maps in this study	209
Fig. 3	The 'Level-1' legend of the CGLS-LC100 discrete map	• • •
	product (after Buchhorn et al. 2020a, 2020b)	210
Fig. 4	Land cover map of the study area	212
Fig. 5	Land cover maps of Arunachal Pradesh, Assam, Manipur,	212
Ein 6	Meghalaya, Mizoram, Nagaland, Sikkim and Tripura	213 217
Fig. 6	Major elevation zones of the study area	217
Fig. 7	Location of capitals in the study area	220
Fig. 8 Fig. 9	Land cover distribution in each capital buffer region	220
118.	of the study area	221
Fig. 10	Land cover distribution in the study area, 2015 and 2019	225
Fig. 11	Land cover change in the study area, 2015–2019	226
	ent of the Potential of Viticultural Areas in Serbia as ourist Destinations	
Fig. 1	Location of study area. Serbian viticultural regions as smart	
	destinations. Source Elaborated by authors	237
Fig. 2 Fig. 3	Example of a hierarchical model in AHP. Source Saaty (1980) Map results of multi-criteria analysis. Source Elaborated by the authors. Note A) Activities, B) Attractions, C)	240
	Accessibility, D) Amenities, E) Ancillary (Scale of keys	244
Fig. 4	in Table 6) Potential map for smart tourist destinations in viticultural	244
6· -	areas in Serbia Source Flahorated by authors	245

List of Tables

	ast Differences in LEADER Program Results—The ion of Wider Political and Governance Systems	
Table 1	Correlation matrix between LEADER investments and the proxies for rural economic development	30
	odology to Define Urban Areas in Intermediate Cities. A udy on Inland Spanish Cities (Castilla-La Mancha)	
Table 1	Information available on the CAT files. Computerized cadastre remit file (urban, rural, and special status real	
Table 2	estate). Own preparation	44 47
Table 3	Values for the areas of reference (30 km) and urban areas (AHP). Own preparation	47
Hindraı	ndemic Urban Reality: COVID-19 as an Accelerator or a need to the Development of Grassroots Urban Activism? Sumple of Poland	
Table 1	Implications of the changes and developing trends caused by the pandemic in specific areas of urban development	67
Table 2	Conducive and non-conducive factors for SARS-COV-2 virus transmission in case of Poland	71
	g Urban Integration of Archaeological Heritage. The City of Malaga, Andalusia, and Spain	
Table 1	Summary of the archaeological heritage assets in the city centre of Malaga	104

xvi List of Tables

Sensing of Visua in Kolka	and (Re) Imaging an Urban Enclave Through Application I Streetscape Ethnography: A Study of Twin Chinatowns Ita	
Table 1 Table 2	Conceptual framework	115 126
A Geogr	aphical Approach to European Cargo Airports	
Table 1 Table 2 Table 3 Table 4 Table 5 Table 6	Top cargo airports in the world, 2019 and 2021 Main cargo airports in Europe, 2010 and 2021 Main cargo destinations from Leipzig/Halle Airport (2022) Main cargo destinations from Liège Airport (2022) Main cargo destinations from Luxembourg Airport (2022) Main cargo destinations from Zaragoza Airport (2022)	164 166 170 172 173 175
Theoreti	ng Interests in Transport Infrastructure Planning: cal Approaches and Practical Implications of Conflict ment in Planning Processes	
Table 1	Dealing with conflicts in the three prominent planning models: rational/comprehensive, communicative, and agonistic (adapted from Kühn 2021)	188
	Distribution of Land Cover in North Eastern Region of n Appraisal Using Geospatial Technology	
Table 1 Table 2	Some basic statistics of North Eastern Region, India, 2011 The CGLS-LC100 discrete land cover class definition	207
Table 3 Table 4	(after Buchhorn et al. 2020a, 2020b)	211 212
Table 5 Table 6	Meghalaya, Mizoram, Nagaland, Sikkim and Tripura, 2019 Elevation zones' statistics in the study area Elevation-wise land cover statistics in North Eastern Region,	214 217
Table 7 Table 8	Land cover statistics in capital regions, 2019 Temporal land cover change statistics in the study area,	218 222
Assessm Smart To	ent of the Potential of Viticultural Areas in Serbia as ourist Destinations	226
Table 1	Reclassified data for evaluating viticultural areas as smart	
Table 2	tourism destinations	239 240

List of Tables	xvi

Table 3	General overview of the categories of values and estimation	
	of the elements	241
Table 4	Ratio index values	241
Table 5	Geographical values for multi-criteria analysis	242