



The contributions of the MUNA network to CUCS Naples 2022

Proceedings of the MUNA sessions, Naples, 21st-23rd April 2022

Coordinamento Universitario per la Cooperazione allo Sviluppo (Naples, 21st-23rd April 2022)

edited by *Gilberto Sammartino*



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Federico II University Press

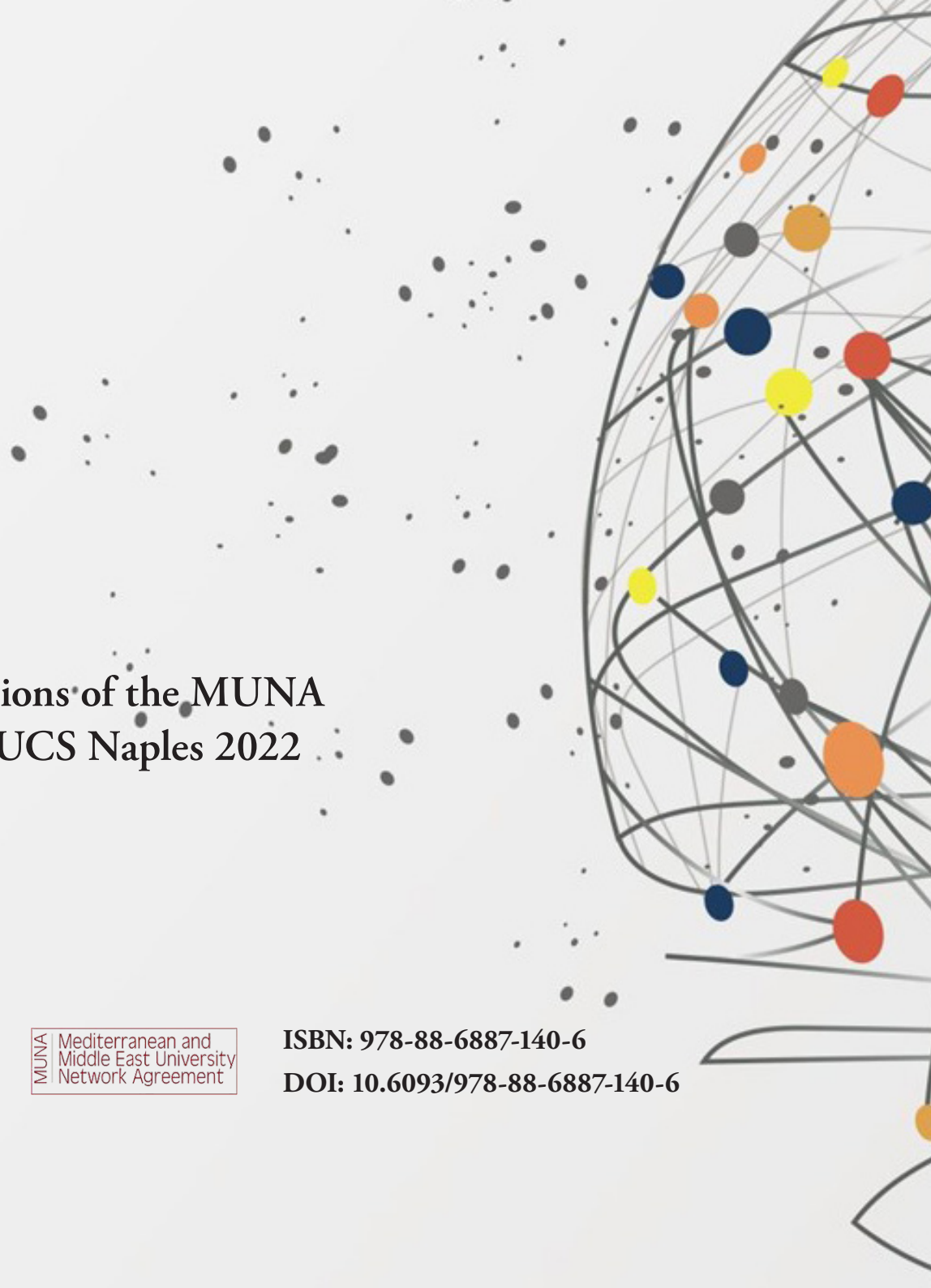


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University of Naples Federico II

Culture of diversity

Law, science, education

7

Culture of diversity
Law, science, education

Created and edited by
Francesca Galgano Concetta Giancola Francesca Marone

This series aims to contribute to a critical understanding of social, cultural and gender discrimination, targeting primarily on the results of the most recent in-depth research regarding diversity in a transdisciplinary perspective. Particular attention will be given to the socio-economic and legal aspects – as well as their outcome – related to education and science, in order to promote within the various spheres of society, greater awareness of and respect for equal opportunities.

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The present publication concerns the contributions presented at the CUCS Naples and coordinated by the MUNA's network in the three sessions: NET-3_ORBIS, NET-2_PERSONA, NET-1_MARE NOSTRUM

Editing: Oreste Lubrano, Eliana Barberio

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NET-TR

POSTER

The contributions of the MUNA network to CUCS Naples 2022



7th CUCS Conference | Naples, 21st - 23rd April 2022
UNIVERSITY COOPERATION IN THE NEW CHALLENGES FOR SUSTAINABLE DEVELOPMENT
Capacity-building, Science Diplomacy and Open Science between Global North and
Global South within the new world context



Session Title: NET-3 | MUNA | ORBIS
Agenda 2030 and a Sustainable Future

On borders. An operational proposal for the sustainable city



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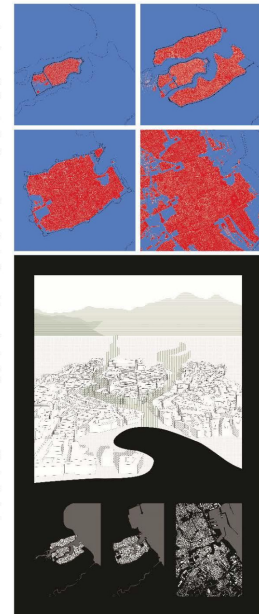
The demands of the 2030 Agenda's targets have as their primary goal the resolution of the trade-off between the efficiency of city life and the healthiness offered by rural conditions. Although the problematic relationship between city and nature has emerged with particular topicality as a result of the health emergency, it has its roots in the distant past. An example of this is the provocative thesis of the "culture of congestion" proposed by Rem Koolhaas in 1978 in reference to the urban experience lived by man in most of the world's metropolises. Even the American sociologist Richard Sennett has recently argued for the need to embrace new forms of urban life that produce openness. He stated that new "physical forms of density" can be achieved through the re-drawing the "borders" of the city. In the field of urban studies the term "border" refers to that *limitezza* of relations between urban parts that Giuseppe Samonà mentions when he states that cities must have a limit and the need for urban studies to return to deal with these boundaries. The theoretical field to which the contribution intends to refer is therefore the "city in parts", a city that has acquired new dimensions compared to the past and that, for this reason, can no longer be traced to a single *forma urbis* but rather to different recognisable parts that have been added to over time.

The theoretical premises are translated into operational terms by re-drawing of "borders" of the different parts that make up the city, applying the natural element as a means of distinguishing and enhancing the different morphologies that define the city. Palermo can be considered a clear *exemplum* of the construction of the city by parts: its urban form appears to be the result, over the centuries, of a continuous juxtaposition of parts of the city. In the morphological evolution of Palermo, we can recognise a succession of city types identified through a number of "urban borders" with a thickness that straddle two historically and morphologically distinct built parts. This peculiarity also emerges from the analysis of urban spatiality, used in terms of historical evolution, thanks to the tool of the *Rotblauplan* (red-blue plan) which proposes, on the large scale investigated here, a reading of the city as built ("interior spaces" represented in red) which contrasts with the natural exterior ("exterior spaces" represented in blue). The "exterior spaces", which can be assimilated to that condition of natural openness referred to in the targets of the 2030 Agenda, are absent in cities such as Palermo, which have been structured over the centuries through the formation of dense and compact fabrics that are still clearly distinguishable today. The recognisability of the different urban systems is due to the faint trace that can be identified at the borders of the city: each border identifies a certain region of space, and this in turn accommodates a certain type of fabric. The border, through its perimeter, identifies not only the city it surrounds, but also the one it excludes. In ancient *Panormos*, the Kemonia and Papireto streams marked the natural boundaries of the peninsula on which the ancient city was built. In the Middle Ages, these boundaries still defined the separation between the founding settlement and the first expansion beyond the river boundaries, on the two opposite bends. The course of the two ancient rivers is still imprinted in the shape of the city that has been shaped on those sites since the canalisation of the rivers at the end of the 1500s. Our proposal, who represents a verification of theoretical positions, aims to re-establish the sense of the parts in the city of Palermo as it emerged from the morphological-spatial reading. Through the rewriting of the city's borders, the sinuous thorn of building that imposes itself on the traces of the ancient streams is replaced by a void of nature, a pause between the meshes of the built-up area to signify the different moments, and the different ways, of construction of the parts of the city that overlook it. The goals of Agenda 2030 thus become a pretext for understanding how the definition of green and accessible spaces can be both a structural and transformative condition for making the "city by parts" intelligible and for adopting a model of inclusiveness and sustainability in line with the challenges that the world poses to all those who study the city and its phenomena.

Image captions

Fig. 1. From left to right. Red-blue plan that shows the historical evolution of the city of Palermo in the 700 B.C., 1040, 1700, 2022.

Fig. 2. Palermo and its borders: a model of sustainable city. Perspective (on top) and morphological diagrams (down).



E. Di Chiara, N. Campanile, O. Lubrano

On borders. An operational proposal for a sustainable city

The paper intends to serve as a theoretical-operational proposal in the field of urban morphology and the study of city phenomena, starting from the demands of goal 11 of the 2030 Agenda for Sustainable Development. In particular, the 10 targets set by the 2030 Agenda are instrumental in resolving the trade-off between the efficiency of city life and the healthiness offered by rural conditions.

Although the problematic relationship between city and nature has emerged with particular topicality as a result of the health emergency, it has its roots in the distant past. An example of this is the provocative thesis of the “culture of congestion” proposed by Rem Koolhaas in 1978 in reference to the urban experience lived by man in most of the world’s metropolises, a precursor to the crisis that the proximity condition linked to metropolitan life reached with the outbreak of the epidemiological situation. The problems of the city that have emerged from the state of emergency of the last two years should be read with reference to the ever-present, and never resolved, relationship between the forms of the built and the forms of the natural open space.

In response to these and other solicitations (for example, the UN’s World Urbanization Prospects report in the 2014), a part of contemporary architectural and urban

culture seems to be challenging the trend towards urbanisation. In Italy, Stefano Boeri and Massimiliano Fuksas, in the light of the Covid-19 pandemic, propose a scenario centred on the “flight from the big metropolises” in favour of resettlement in small historic and rural villages, whose actual advantages, however, should not be discussed so much as their feasibility in economic, social, environmental and above all urban-architectural terms. Indeed, it is clear that this strategy sidesteps the main critical issues that are well highlighted in the 2030 Agenda: for example, reducing the negative environmental impact of cities, particularly in terms of air quality and the provision of large, inclusive and accessible green spaces, so that they become, as Sennett affirmed, “healthy and habitable”.

Even a staunch defender of the “closed system” of the city, and thus of densification, such as the American sociologist Richard Sennett, as a result of the discomfort caused by the conflict between the occluded spaces of cities and the new needs for distance, has recently argued for the need to embrace new forms of urban life that produce openness. In the essay *Città aperte*, Sennett’s proposal can be operationally interpreted as the possibility of inverting the paradigm of city construction, moving from a “closed system” to an “open system” in which it is possible to

reconcile the city in terms of healthiness and habitability through the grafting of pieces of nature: this relationship between the built and the natural element imposes a re-thinking of the “architecture of density”, at the basis of the logic of compact cities.

New “physical forms of density”, capable of stimulating economic activity, coping with climate change and allowing individuals to socialise, can be achieved by re-drawing the “borders” of the city. In this sense, it recalls the distinction offered by the biologist Stephen Jay Gould who in natural ecologies distinguishes two types of boundaries: limits and borders. The “limit” indicates where things end; the “borders” significantly represents those spaces where different components interact. If sociologists understand the “borders” as the place where relations between individuals manifest themselves, by translation in the field of urban studies the term refers to that finitezza of relations between urban parts that Giuseppe Samonà mentions when he states that cities must have a limit and the need for urban studies to return to deal with these boundaries. The theoretical field to which the contribution intends to refer is therefore the “city by parts”, where by this locution is meant, recalling the long tradition of Italian urban studies and in particular those advanced by Carlo Aymonino, a city that has acquired

new dimensions compared to the past and that, for this reason, can no longer be traced to a single *forma urbis* but rather to different recognisable parts that have been added to over time.

On the basis of these theoretical premises, the contribution focuses on the transformation of the city through the re-drawing of “borders” of its various parts, applying the natural element as a means of distinguishing and enhancing the different morphologies that make up, according to Claude Lévi-Strauss’ well-known definition, “the human thing *par excellence*”. The case study concerns the city of Palermo. Panormus, a city consolidated in the late Middle Ages and then transformed in the following epochs, is today an exemplum not only of an urban heritage of high historical and cultural value, but also of an Italian metropolis, which has been structured over the centuries mostly through the formation of dense and compact fabrics that are still clearly distinguishable. The goals of Agenda 2030 thus become a pretext for understanding how the definition of green and accessible spaces can be both a structural and transformative condition for making the “city by parts” intelligible and for adopting a model of inclusiveness and sustainability in line with the challenges that the world poses to all those who study the city and its phenomena.

E.Di Chiara, N. Campanile, O. Lubrano, *On borders. An operational proposal for a sustainable city*

Univeristy of Naples Federico II

Culture of diversity. Law, science, education, 7

The Muna Consortium (Mediterranean and Middle East University Network Agreement) was founded in 2015 and renewed in 2021, when 30 Universities coming from all Countries of Mediterranean area and some others from Middle East signed the Framework Agreement.

As written in the Framework Agreement, also in this Muna space in the CUCS Conference, we propose three different main themes: MARE NOSTRUM (our Sea, the Mediterranean), PERSONA (Man) and ORBIS (the Earth), to summarize the proposals of Cooperation between Muna Network Universities.

A round table discusses the opportunities of the Cooperation, especially to understand which proposals can be followed in the Universities Cooperation and maybe to establish future projects

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