BOOK REVIEWS

The City and the Coming Climate: Climate Change in the Places We Live

Brian Stone, Jr., Georgia Institute of Technology, Georgia, USA, Cambridge University Press, 2012, 187 p. ISBN: 987-1-107-01671-2

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The book is a unique and pioneer contribution and metropolitan scale strategies to cope with their own climates and to mull over what directed toward a few key purposes. actions might put into a slowing of the swift warming by now underway in the urban environments. The requirement for cities to actively manage the growing menace of extreme heat within their jurisdictions has period of the book's writing - an episode in which cities around the world had some of the most extreme climate related events that ever visited the human settlements. Yet, coupled with several urban environmental dilemma of unprecedented intensity in the past few years, it has been an almost complete breakdown for the developed international policy framework to manage the problem of climate change. In a successor agreement to the Kyoto Protocol, announced their intent to withdraw from the global policy framework altogether by the close of the first commitment period in 2012. to protect their populations from climatehelp to enlighten the development of urban such critical situations when urban

to the field of urban climatology. It has been climate change more unswervingly in the intended by the author to describe and places most vulnerable to the effects of illustrate the ways in which cities are altering extreme heat. To this end, the book has been

Out of the manifold climatic and environmental problems which our world is facing today, the increasing heat around the urbanized atmosphere is the most crucial. And the become additionally apparent during the tendency for urbanized areas to amplify heat waves raises a critically important but seldom examined question: To what extent will urbanized areas amplify global warming? Specially, if the IPCC (2007) is projecting a 2 to 12°F increase in globally averaged temperatures by 2100, should the author expect a comparable increase at the scale of large cities or an even greater rise in temperature? The answer to this question reveals a the wake of the obvious failure of the surprising shortcoming in the global science Copenhagen Climate Conference to establish community's approach to climate research. The main endeavour of this book is to explore a growing list of developed nations have the causes that are mostly responsible for the rapid change of climate, particularly in urban areas, and to indicate the possible necessary steps that can be taken to overcome this These recent events in concert – a growing predicament. Due to the day by day increasing incidence of extreme weather in the urban heat, the problems or effects that cities and environments and a widening climate policy the whole world are facing has also been vacuum - require cities to move aggressively indicted. Calamities like urban heat waves, droughts, extinction of some species, related threats in the present period. In this excessive flood storms, like tornadoes, are the regard, the author hopes that this book can outcome of such horrible climate change. In

take some immediate steps to protect the population from the climate related threats.

This book will help the urban and metropolitan scale strategies to control the rapid climate change which results in extreme heat around the earth atmospheric system. To make this purpose fruit full, the book has been directed towards a few key purposes. The first effort has been to vividly differentiate global from regional scale climate change processes. In the first chapter, the mechanism of the global greenhouse effect has been widely validated and it is generally accepted in the science community with the surety of a physical law.

Again, the world is to face the greenhouse effect that has now broadly come into existence. As a result, the unexpected rise of temperature is in the global surface for which the water level in the ocean is increasing day by day. If it continues like this, our planet will be under water in the future as already predicted by the meteorologist and other earth scientists. So to get rid of it and to save mankind, we have to be conscious of its origin.

In regard to protect our precious mankind and community from the cruel paws of rising temperature, we should not depend only upon the global institutions; we should build up some self-governing institutions, where some environmental approaches can be taken into action for future climate dilemma.

The second objective of this book is to show how land use is playing a great role in the climatic disorder, on the surface energy only in the urban, but also in the rural environment with the arrays that are the direct outcome of it and the physical strategies which are effective in mitigating such problems. Many of the largest urban areas worldwide, including the most populous regions of North America, Europe, and Asia have been found in recent decades to be warming at more than twice the rate of the planet as whole. The clear conclusion to be derived from these studies is that, in the most populous regions of the

environment is about to go to hell, we should planet, land use change is often playing a greater role in ongoing warming trends than the emission of greenhouse gases.

> The third objective of the book has been to reveal how the global policy framework for climate management has been a hindrance to detect the principal drivers which are taking the cities into the valley of excessive heat; how the recent climate change narrative formed by the framework convention and its associated protocols ignore the land-based causes, which are not less powerful drivers of climate change than the global greenhouse effect; and how instead of scaling back the emission-control efforts in cities, heat management strategies can be reformed more powerfully and robust in order to diminish this problem.

> Moreover, this book has been associated with the resilience of cities. If our modern postindustrial city continues to walk on the path that is walking now, the time will come in the future when our forthcoming generation will be devoid from both limitless energy as well as stable and fresh environment; and therefore, it is the time for us to bring the necessary changes to the surface composition and spatial organization of the landscape.

The author has suggested some of the physical changes which are very essential for the urban population and cities to diminish the rapidly rising temperature as far as possible. These changes may be categorized as three general categories of urban climate change management, of which the first gives emphasis on the sun screening strategies balance and also on atmospheric carbon, not such as land-based management: vegetative cover, building envelope, expansion of urban tree canopies, use of reflective materials in building and road resurfaces which are very effective, and immediate to reflect or dissipate heat energy in urban environments; the second stresses upon green belting strategies which can be actualized by restoring the ecological integrity of metropolitan hinterlands, and by protecting and cultivating the moisture

efficient species of vegetation in the arid on this question following the heat wave which region.

The final category of urban climate management focuses upon the energy conservation and the efforts to minimize the production of waste heat in cities. This can slow the pace warming by limiting the magnitude of fossil fuel combustion for transportation, industry and building climate control. Besides, carbon cooling strategies produce a direct linkage between regional and global scale climate management, by limiting both thermal and green house emission associated with fossil energy.

At the conclusion of the discussion and analysis, the one thing that the author reminds us is that the remedy of this crucial problem is not possible only by institutions, global policy framework or technological capacity but it extent will cities desire to cope with their own depends upon the seriousness and recognition climate fate or destiny? on the part of urban governmental sufficiency. Above all, it is the rate at which climate is changing in cities that most clearly illuminates the lessons of the urbanized areas heat wave for urban governments and residents. Where such an event remains a statistical improbability, cities could be forgiven for prioritizing other critical needs above preparations for combating climate change. The author focuses

would show that, in the absence of the influence of human induced warming, an event approaching the intensity and heat wave would indeed remain quite rare, occurring on average once every thousands years. Yet, assuming that global temperatures continue to rise at the rate of recent decades, the frequency of such a heat wave increases substantially - so much so that, by the year 2040, such heat waves may be expected to occur every year. Such a world seems hardly imaginable: temperatures of sufficient intensity and duration to physically warp the steel of railroad tracks and melt the asphalt of streetsevery year. To this end, what is most important to provide a bright, fresh and soothing environment and climate to our coming generation, is that we must be more active, sincere and serious of the confronted danger: to what

Reference

IPCC (2007), Climate Change 2007: Mitigation of Climate Change, in: Metz B., Davidson O. R., Bosch P. R., Dave, R., Meyer L. A. (eds.), Contribution of Working Group III to the Fourth Assessment Report of the Inter-governmental Panel on Climate Change (IPCC), Cambridge, Cambridge University Press.

Atlasul Electoral al României / Atlas Electoral de la Roumanie / Electoral Atlas Of Romania (1990 - 2009)

Corneliu Iaţu (coordinator), Ionel Boamfă, Ciprian Alupului, Sebastian Năstuță, Silviu Petru Grecu, Romeo Asiminei, Raluca Ioana Horea-Şerban, Voicu Bodocan, Aurelian Giugăl, Cătălin Timofciuc, Trilingual Edition, Editura Universității Alexandru Ioan Cuza din Iași, 2013, 754 p. ISBN 978-973-703-629-2

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The book represents an academic premiere December elections at the level of the main both for the multidisciplinary ensemble of the electoral cycles. The amplitude of this work political sciences and for the sphere of human resides in the fact that the authors of the Atlas geography, particularly the political one managed to capture the Romanian electoral Through the magnitude of the research and mapping of the post December Romanian 2009) for all types of elections electoral phenomenon, the Electoral Atlas of Romania, published in three languages, stands as a "Gordian knot" for the revival of the electoral geography, as a border field of some well-structured cartograms along with between political sciences and geographical a brief statistical analysis based on centrality studies. The research team is an interdisciplinary one, made up of experienced researchers are comparatively placed by electoral cycles, in the field of electoral sociology, studies of electoral behaviour, political sciences and human geography. Therefore, the academic nuances and mutations occurring within the effort of drafting such a "work" is a huge one, both in respect of the analysed historical period and of the structuring of the research by elements related to electoral marketing analysis, political behaviour or vote sociology. All these elements make the Electoral Atlas of Romania an unprecedented work within the depict the internal evolution of the Romanian Romanian academic and political space, and also a valid instrument useful to get a radiography of the local electoral process.

As regards the structure of the paper, we can identify two research plans. The first plan is undoubtedly a pragmatic one, destined to policy makers, collective political actors, specialists in public opinion polls or those within the electoral marketing space. This plan provides the reader a fairly comprehensive image of the evolution of the Romanian post society.

dynamics for a period of two decades (1990-(local. parliamentary, presidential and Euro parliamentary). The electoral results are presented in an attractive manner, by means and variability indicators. The research data so that the reader or specialist outside the electoral geography sphere may grasp the electoral basin from one ballot to another. Both electoral fluctuations and legislativeadministrative changes are well captured by the researchers in the field, especially for the first investigated period: 1992-2002. Besides this imagistic dimension, the work manages to democracy, from the beginning phase, passing through the stage of building the rule of law, to the phase of political consolidation and integration in a transnational structure. This political evolution occurs synchronously with the evolution of social psychology, with the Romanian electors' mentalities, with their political hopes and disappointments. That is why the work still retains a profound sociological substrate, reiterating the thesis of the two-speed development of the Romanian

atlas maps cannot but be struck by the concreteness with which two contrasting living standard, better marked civilization features, a more compact and better maintained transport network, generally voting in favour of centre parties and a continental Romania, in the east and south, covering hill and plain areas, with deep reminiscences of feudalism and collectivism, marked by a great civilizational backward stage and systematically voting in favour of the left wing" (p. 12).

The image of the two Romanias perfectly overlaps both the classical urban-rural cleavage and the East-West geographical one. This image of the Romanian democracy and society is, probably, the most representative contribution of the authors to the description and explanation of the local collective mental strongly fractured collective mental system, at the level of which civic activism mixes, in a variable geometry, with the passivity and The second plan of the work, less detectable obedience typical of authoritarian regimes. We consider that this is the absolute advantage of this work: that of nuanced depicting, cartographically and imagistically, evolution of the Romanian post December the post December electoral dynamics, the the pre-war dynamics of Romania, a fact documentation sources and data processing which can be inferred from the historical - means. Thus, from the methodological point of electoral analysis at the beginning of the atlas. view, the authors managed to make a By means of the interdisciplinary character of synthesis the book, the authors certainly managed to mathematical processing and analysis of the overcome the classical grid of drawing up a information and the cartographical plan, geographical atlas. This places us in front of a specific to geographical studies. Each map in monograph of political sociology, sensitive to the atlas observes the rules of statistical democracy has experienced.

In this respect, in the preface of the paper, The usefulness of such an approach resides in academician Alexandru Ungureanu states the the comparative working methodology, the following: "one of the most striking features of whole historical evolution of the Romanian Romanian electoral geography is political parties, of the electoral legislation and represented by the profound regional differ- of the administrative-territorial cuttings having entiations that are typical of present-day the year 1990 as a reference point. That is Romania, almost to the same degree as in the why we consider that we can speak of an past. Whoever consults a large part of the almost experimental research, at the level of which the image of the Romanian electoral system from 1830 to 1989 can be compared to Romanians get shaped - a central-western the cartographical and explanatory approach Romania, mainly Carpathian, with a higher suggested by the authors for the post December election cycles.

From this point of view, the atlas has a fairly substantial chapter dedicated to the history of the Romanian electoral system, a synopsis of the main electoral events of the 19th and 20th centuries, as well as a politological analysis of the driving forces that led to the construction of the Romanian modern state. Without such a historical-politological image of the local election mechanisms, the present work would have probably remained only a cartographical reference element for geographers, not being able to express anything of the intellectual consistency of the becoming of a democratic society. That is why the present atlas, drafted in a sociological manner, stands as the first system. From the cartographical point of view, consistent benchmark for the history of the the present electoral maps act as maps of a mental collective system and of the electoral attitudes and behaviours.

than the socio-politological one, is the epistemological and methodological plan of the research. In respect of its methodological the grid of making a radiography and analysis of society. This evolution may perfectly overlap atlas stands out through the variety of between the statistical and all the mutations the fragile Romanian inference, the authors inserting in the electoral analyses a series of statistical centrality, consistency and validity indicators. In this

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respect, the atlas represents a rich source of research instruments. quantitative data and scientific milestones for work, a premiere in the Romanian academic anyone who is interested in the dynamics of space, remains a reference element for the the Romanian elections.

derive from the good operationalization of the labour of the authors could rather be research concepts, from the attempt at integrated within an interdisciplinary effort of providing a guiding framework for future drawing up a treaty of political sociology, research of electoral marketing or electoral political history or analysis of the psychogeography, as well as from the convergence attitudinal features of the Romanian electorate between inferential validity and fidelity of the and of a still fragile democratic process.

In this respect, the researcher in the field of political science, political sociology, electoral geography or The epistemological dimensions of the atlas political psychology. The entire intellectual