

SUBSCRIPTION RATES FOR 2006

Hereunder is information on the subscription rates for the following periodical:

EKISTICS: The Problems and Science of Human Settlements – six issues per year.

The particular contribution of the Journal EKISTICS is that it contains original articles providing up-to-date information pertaining to the development of human settlements from a variety of fields (Social Sciences, Economics, Environment, Physical Planning, Biology and others). The information is simultaneously classified on the Ekistic Grid according to the five Ekistic Elements and their subdivisions, as explained on the special pages. Each issue is devoted to one particular subject. One or more issues may cover the activities and scientific studies of the Athens Center of Ekistics carried out during the year; other issues may contain the discussions which take place during the International Programs organized by the Athens Center of Ekistics or other organizations focusing on the study of Human Settlements. ISSN 0013-2942; 2006 Volume 73.

The annual subscription rates (in US Dollars) valid for 2006 are as follows:

EKISTICS US\$150.00 (US\$100.00 student rate)*

Single back issues of EKISTICS can be obtained at US\$25.00 and double back issues at US\$50.00, if still in stock. Triple issues of EKISTICS for previous years can be obtained at US\$75.00.

Details of other ACE publications are given on the inside back cover.

*Certificate required.

Contents of selected back issues



The natural city (two parts)

General introduction

- 2 The Natural City International Symposium, Toronto, 23-25 June, 2004: Summary of Daily Program

Part 1: Canadian issues of international relevance (vol. 71, no. 424/425/426, January-June 2004)

- | | | |
|-----|---|--|
| 5 | Table of contents | |
| 7 | The editor's page | |
| 8 | Envisioning the natural city: The guest-editor's foreword | P. Psomopoulos |
| 11 | A contract with our future: A keynote address | Ingrid Leman Stefanovic |
| 15 | Cities are successful because they are civic: The 2004 C.A. Doxiadis Lecture: | Robert F. Kennedy, Jr. |
| 20 | Evolving cities into a sustaining and sustainable habitat | David Crombie |
| 26 | Urban sustainability and public awareness: The role of the National Round Table
on the Environment and the Economy in Canada | Willem H. Vanderburg |
| 30 | Toward the green city through revitalizing major obsolescent urban lands | Edwin Charles Aquilina |
| 35 | The growing role of citizen engagement in urban naturalization: The case of Canada | Ken Greenberg |
| 45 | Downsview Park, Toronto: A part of the natural city of the 21st century | Stewart Chisholm |
| 52 | The price of sprawl in Ontario, Canada | Tony Genco |
| 57 | Is Smart Growth a smart adaptation strategy? Examining Ontario's proposed growth
under climate change | Ray Rivers |
| 63 | Financial incentives for behavioral change in the ecological city | Brad Bass |
| 68 | The environmental costs of femininity | Rodney R. White |
| 76 | The Urban Cliff Hypothesis and its relevance to ekistics | Carly Bowman |
| 84 | Ecology in the natural city: Testing and applying the Urban Cliff Hypothesis | Doug W. Larson, Uta Matthes, Peter E. Kelly, Jeremy Lundholm and John A. Gerrath |
| 90 | Green Buildings Policy: An analysis of three market-oriented innovations | Jeremy Lundholm |
| 102 | The use of wood for construction and energy in the natural city – The case of Canada | Jesse Zuker |
| 113 | Housing in the natural city: The role of prefabrication | Gundolf Kohlmaier |
| 118 | The Oak Ridges Moraine: A story of nature in the Greater Toronto Urban Region | M.T. Gorgolewski |
| 123 | Lake Ontario's Waterfront : Realizing a decade of regeneration | David Lewis Stein |
| 126 | Lake Ontario Waterfront: Update since "A Decade of Regeneration ..." | Suzanne Barrett |
| 133 | Organizing political support for the natural city | Marlaine Koehler |
| 135 | Building on success in Mississauga, Ontario | Preston Manning |
| 138 | Federal-provincial governance and the future status of Canadian cities | Hazel McCallion |
| 145 | Ekistic grid index | Frank Smallwood |

Part 2: International issues of relevance to Canada (vol. 71, no. 427/428/429, July-December 2004)

- | | | |
|-----|---|---|
| 165 | Table of contents | |
| 167 | The editor's page | |
| 168 | Envisioning the natural city: The guest-editor's foreword | P. Psomopoulos |
| 170 | Mitigating natural disasters: The role of eco-ethics | Ingrid Leman Stefanovic |
| 181 | Resettlement of development-induced displacees: Emerging issues | David Etkin and Ingrid Leman Stefanovic |
| 187 | The city at the end of the cheap-oil era | C. Emdad Haque |
| 192 | The role of the university in city planning: Cleveland's Lakefront Redevelopment Plan | Klaus Illum |
| 203 | Through the (not so) Green Door: University campus greening and curriculum change | Wendy Kellogg and Kathryn Wertheim Hexter |
| 213 | The "Greening the Ivory Towers" Project: The University of Auckland case study | James Gray-Donald and David Selby |
| 223 | Non-motorized mobility in cities of the future: College and university campuses as a pilot project | T.W. Fookes, Alison Hall and Logan Whitelaw |
| 228 | Tethered vehicle systems for sustainable cities | Spenser Havlick |
| 233 | "Localization": A means to reduce negative transportation impacts in the "natural city" | Richard Gilbert |
| 236 | Sustainable housing design and the natural environment | Natalie Helferty |
| 245 | Planning the emergent Basque megalopolis as a natural multi-metropolitan complex | Meltem Yilmaz and Ruşen Keleş |
| 255 | Metropolitan regions: New challenges for an urbanizing China | Lawrence D. Mann |
| 282 | Conditions for effective management of a river basin in the European Union | Edward Leman |
| 289 | Global urbanization, is it sustainable? The challenge to the UN World Urban Forum in
Vancouver, 2006 | Barbara Zanou |
| 295 | Ekistic grid index | H. Peter Oberlander |
| 298 | The anthropocosmos model | |
| 301 | The Program of WSE Meetings in Toronto, 22-26 June, 2004 | |
| 306 | Cumulative Index of Contents of EKISTICS, January-December 2004 (vol. 71) | |

The papers in this triple issue – the first of two triple issues of vol. 71 on the general subject "The natural city" – were solicited and edited by Ingrid Leman Stefanovic, guest-editor for this volume. The University of Toronto's undergraduate student, Eugene Berezovsky, and recent graduates Amanda Hickling and Hiromi Inokuchi, provided editorial and administrative assistance to Professor Stefanovic. P. Psomopoulos undertook the compiling and final editing of the whole in consultation with the guest-editor and some of the authors. R.J. Rooke provided editorial assistance, Alex Fremre-Sklirou proofread the texts, Niki Choleva was responsible for type-setting and graphics, and Despina Moutsatsou for the final dummy from a maquette by the editor.

The Natural City – Part 1 of 2

General introduction

- 2 The Natural City International Symposium, Toronto, 23-25 June, 2004: Summary of Daily Program

Part 1: Canadian issues of international relevance

- 7 **The editor's page** *P. Psomopoulos*
An initiative towards dismantling the broad concept of ekistics of balanced relations between nature and the other four elements of human settlements, i.e. Anthropos, Society, Shells and Networks.
- 8 **Envisioning the natural city: The guest-editor's foreword** *Ingrid Leman Stefanovic*
The contents of this volume "is only the beginning of a conversation that, we hope, will continue as we jointly seek to better understand the full breadth and depth of how to transform our human settlements into spaces that respect the moral laws of nature in all their complexity."
- 11 **A contract with our future: A keynote address** *Robert F. Kennedy, Jr.*
"Environmentalists are injecting the long view, the trustee obligation, into the political process."
- 15 **Cities are successful because they are civic: The 2004 C.A. Doxiadis Lecture:** *David Crombie*
The public realm, place and community, the value of a marketplace and economic opportunity, and relationship with nature – The four organizing components of civic culture: The case of Toronto.
- 20 **Evolving cities into a sustaining and sustainable habitat** *Willem H. Vanderburg*
"To create a knowledge infrastructure capable of guiding the evolution of the urban habitat toward livable and sustainable cities requires the introduction of a preventive orientation into each and every relevant area of specialization [which], in turn, will lead to beneficial synergistic effects between" them.
- 26 **Urban sustainability and public awareness: The role of the National Round Table on the Environment and the Economy in Canada** *Edwin Charles Aquilina*
Working closely "with the full range of partners and stakeholders [in] building public engagement with the sustainable future of which the natural city is one important part."
- 30 **Toward the green city through revitalizing major obsolescent urban lands** *Ken Greenberg*
Five projects of urban regeneration centers near water sites made available by the long, slow, and inevitable process of industrial retreat.
- 35 **The growing role of citizen engagement in urban naturalization: The case of Canada** *Stewart Chisholm*
Recording activity since 1991, assessing results and suggesting principles for future action by "Evergreen" – a national, non-profit environmental organization "that brings communities and nature together for the benefit of both."
- 45 **Downsview Park, Toronto: A part of the natural city of the 21st century** *Tony Genco*
The early stages in the process of implementing "a winning formula for the creation of an urban park ... and a leading edge sustainable community to realize the potential and opportunity of building a natural city."
- 52 **The price of sprawl in Ontario, Canada** *Ray Rivers*
Adding "a positive tax to land converted from farm use to urban sprawl [and/or] promoting inner city development by requiring the purchase of sprawl offsets ... might ... assist in re-balancing the market place for development land."
- 57 **Is Smart Growth a smart adaptation strategy? Examining Ontario's proposed growth under climate change** *Brad Bass*
"A strategy to increase urban vegetation will confer many benefits that are currently inadequately addressed" and will also reinforce those elements "that reduce ... vulnerability to climate change": A critical assessment of current regional planning initiatives.

- 63 Financial incentives for behavioral change in the ecological city** *Rodney R. White*
Assessing “the implications of climate change for water availability and the potential for the application of urban environmental finance ... to the three main physical throughputs of water, energy and solid waste.”
- 68 The environmental costs of femininity** *Carly Bowman*
A review of health and environmental risks deriving from cosmetics and related industry – and a call for women citizens to “to lobby government for a more inclusive regulatory regime.”
- 76 The Urban Cliff Hypothesis and its relevance to ekistics**
Doug W. Larson, Uta Matthes, Peter E. Kelly, Jeremy Lundholm and John A. Gerrath
If “our attitudes and feelings about the built environment have ancient evolutionary roots” and the flora and fauna of our landscapes are “largely rock outcrop species ..., then it becomes possible to ... create both efficient and comforting environments.”
- 84 Ecology in the natural city: Testing and applying the Urban Cliff Hypothesis** *Jeremy Lundholm*
“The acknowledgment that cities may be functionally ‘natural’ to non-human organisms may yield tangible benefits as well as provide a strong foundation for revitalizing our conceptions of urban places.”
- 90 Green Buildings Policy: An analysis of three market-oriented innovations** *Jesse Zuker*
The assessment of the quantitative and qualitative impacts of each of “three innovative applications that address the barriers to sustainability in the design, construction and real estate sector ... developed in the USA [if coupled with] a review of European, Japanese and Australian initiatives, ... [could] provide an in-depth understanding of the best instruments that could be applied in Ontario.”
- 102 The use of wood for construction and energy in the natural city – The case of Canada**
Gundolf Kohlmaier
As part of Canada’s commitment to contribute through its cities to climate protection, its “forest ... industry could expand its wooden home exports considerably by designing low energy and high-tech houses, while providing their wastes for heating systems.”
- 113 Housing in the natural city: The role of prefabrication** *M.T. Gorgolewski*
The huge potential towards a more sustainable supply of houses through “providing products appropriate to local culture and climate, yet based on industrial efficiency, and the latest technology.”
- 118 The Oak Ridges Moraine: A story of nature in the Greater Toronto Urban Region**
David Lewis Stein
“... the conflicts that come with trying to preserve green space in an expanding metropolis.”
- 123 Lake Ontario’s Waterfront : Realizing a decade of regeneration** *Suzanne Barrett*
Assessment of multiple initiatives by the Toronto Waterfront Regeneration Trust and Identification of essential ingredients for continuous successful regeneration in the decade 2000-2010.
- 126 Lake Ontario Waterfront: Update since “A Decade of Regeneration ...”** *Marlaine Koehler*
Recording the successful efforts of a private local partnership initiative to complete, enhance and promote the implementation of an originally provincial environment program.
- 133 Organizing political support for the natural city** *Preston Manning*
Five concrete policy proposals in an Agenda for Change and three concrete strategic suggestions for effective action towards the realization of the natural city.
- 135 Building on success in Mississauga, Ontario** *Hazel McCallion*
A City “needs the support of the entire community to make ideas and initiatives possible”: The long success story of Canada’s sixth largest city.
- 138 Federal-provincial governance and the future status of Canadian cities** *Frank Smallwood*
To counteract federal and provincial governments restricting policies, local governments should launch advocacy campaigns to strengthen their decisions and fiscal capacity through the Federation of Canadian Municipalities and forge alliances with urban businesses, the media and environmental groups.

145 Ekistic grid index

Cover: Early human occupation sites along the upper reaches of the Danube River and its tributaries in southern Germany (*Source:* Larson et al., “The Urban Cliff Hypothesis and its relevance to ekistics,” p. 79).

The papers in this triple issue – the first of two triple issues of vol. 71 on the general subject “The natural city” – were solicited and edited by Ingrid Leman Stefanovic, guest-editor for this volume. The University of Toronto’s undergraduate student, Eugene Berezovsky, and recent graduates Amanda Hickling and Hiromi Inokuchi, provided editorial and administrative assistance to Professor Stefanovic. P. Psomopoulos undertook the compiling and final editing of the whole in consultation with the guest-editor and some of the authors. R.J. Rooke provided editorial assistance, Alex Freme-Sklirou proofread the texts, Niki Choleva was responsible for typesetting and graphics, and Despina Moutsatsou for the final dummy from a maquette by the editor.

The Natural City – Part 2 of 2

General introduction

162 The Natural City International Symposium, Toronto, 23-25 June, 2004: Summary of Daily Program

Part 2: International issues of relevance to Canada

- 167 The editor's page** *P. Psomopoulos*
An initiative towards dismantling the broad concept of ekistics of balanced relations between nature and the other four elements of human settlements, i.e. Anthropos, Society, Shells and Networks.
- 168 Envisioning the natural city: The guest-editor's foreword** *Ingrid Leman Stefanovic*
The contents of this volume "is only the beginning of a conversation that, we hope, will continue as we jointly seek to better understand the full breadth and depth of how to transform our human settlements into spaces that respect the moral laws of nature in all their complexity."
- 170 Mitigating natural disasters: The role of eco-ethics** *David Etkin and Ingrid Leman Stefanovic*
The need for "a process that results in a greater emphasis on our interactions with and reliance upon the natural world, and the development of community resilience."
- 181 Resettlement of development-induced displacees: Emerging issues** *C. Emdad Haque*
A critical review of global experience leads to the need for establishing a participatory decision-making process and, through evaluation of alternative choices concerning major development, largely aims at mitigating to the maximum the usual negative impacts on displacees.
- 187 The city at the end of the cheap-oil era** *Klaus Illum*
The need for "adapting the economy to a decline in oil consumption ... [through] the dismantling of the oil-technological complex so as to ensure that oil demand peaks before oil production capacity peaks."
- 192 The role of the university in city planning: Cleveland's Lakefront Redevelopment Plan** *Wendy Kellogg and Kathryn Wertheim Hexter*
Challenges faced and lessons learned from a first two-year program initiated by an urban university aiming at bringing together public and private stakeholders in decision making.
- 203 Through the (not so) Green Door: University campus greening and curriculum change** *James Gray-Donald and David Selby*
"The campus does not have to look green to be sustainable or to promote commitment to sustainable lifestyles among staff and graduates." The importance of "working with holistic understandings of sustainability; ... employing a participatory pedagogy; utilizing campus assets to interpret ... [its] environment through sustainability lenses; and giving immediate feedback to the campus community on its sustainability performance."
- 213 The "Greening the Ivory Towers" Project: The University of Auckland case study** *T.W. Fookes, Alison Hall and Logan Whitelaw*
Results of Planning students' research based on a "Campus Sustainability Assessment Framework initiated by the Sierra Youth Coalition to "actively promote the inclusion of faculty, staff and students."

- 223 Non-motorized mobility in cities of the future: College and university campuses as a pilot project** *Spenser Havlick*
 “The time is at hand to determine whether [university and college] campuses, which are unique microcosms of our larger towns and cities, can demonstrate that neighborhoods, towns and cities of the future can become less dependent on the single occupant vehicle.”
- 228 Tethered vehicle systems for sustainable cities** *Richard Gilbert*
 Arguing in favor of future land transportation systems to “be dominated by ... vehicles that receive their motive energy via a rail, wire or magnetic effect.”
- 233 “Localization”: A means to reduce negative transportation impacts in the “natural city”** *Natalie Helferty*
 “With the decline in global fossil fuel reserves and the ever-increasing ... climate change, ... air pollution and degradation of nature, localization will not only be desirable, but absolutely necessary.”
- 236 Sustainable housing design and the natural environment** *Meltem Yilmaz and Ruşen Keleş*
 “... housing design must be based on the participation of users and principles of [sustainable development – reduce, recycle, reuse and recover – combining] new technology and inherited architectural vernacular.”
- 245 Planning the emergent Basque megalopolis as a natural multi-metropolitan complex** *Lawrence D. Mann*
 The evolution of the meaning attributed to the notion of “natural city” by planners and landscape architects from 1896 to the present, “leading to the idea of an urban natural-artificial trade-off matrix”: The case of the Basque urban system.
- 255 Metropolitan regions: New challenges for an urbanizing China** *Edward Leman*
 “Focused, policy-oriented, and comparative research on metropolitan regions could help to inform China’s policymakers on actions that could lead to... optimal outcomes” of governance and management.
- 282 Conditions for effective management of a river basin in the European Union** *Barbara Zanou*
 Methods, data and cooperation among all stakeholders in the process of planning and implementing water management according to the EU Water Framework Directive “in order to promote social, economic and environmental benefits from water uses and services on a sustainable horizon.”
- 289 Global urbanization, is it sustainable? The challenge to the UN World Urban Forum in Vancouver, 2006** *H. Peter Oberlander*
 “... the time has come to reverse the inevitable and enlist global societies and their human and economic resources to maintain the city’s historic civilizing impact.”
- 295 Ekistic grid index**
- 298 The anthropocosmos model**
- 301 The Program of WSE Meetings in Toronto, 22-26 June, 2004**
- 306 Cumulative Index of Contents of EKISTICS, January-December 2004 (Vol. 71)**

Cover: Early human occupation sites along the upper reaches of the Danube River and its tributaries in southern Germany (*Source:* Larson et al., “The Urban Cliff Hypothesis and its relevance to ekistics,” p. 79).

The papers in this triple issue – the first of two triple issues of vol. 71 on the general subject “The natural city” – were solicited and edited by Ingrid Leman Stefanovic, guest-editor for this volume. The University of Toronto’s undergraduate student, Eugene Berezovsky, and recent graduates Amanda Hickling and Hiromi Inokuchi, provided editorial and administrative assistance to Professor Stefanovic. P. Psomopoulos undertook the compiling and final editing of the whole in consultation with the guest-editor and some of the authors. R.J. Rooke provided editorial assistance, Alex Freme-Sklirou proofread the texts, Niki Choleva was responsible for typesetting and graphics, and Despina Moutsatsou for the final dummy from a maquette by the editor.

In the steps of Jean Gottmann (three parts)

General introduction

- 5 The editor's page
6 From the global network of megalopolises to the political partitioning of the world –
The guest editor's introductory statement Calogero Muscarà

Part 1: Reflections on Gottmann's thought (vol. 70, no. 4849, January-April 2003)

- 3 Table of contents
4 General introduction
10 Reflections on Gottmann's thought – Introduction by the guest-editor Calogero Muscarà
13 Geographer, historian and classic French regionalist: The evolution of the writings of Jean Gottmann Robert A. Harper
19 From megalopolis to global city-region? The political-geographical context of urban development John Agnew
23 The long road to Megalopolis Luca Muscarà
36 City and culture Paul Claval
42 Geography, geopolitics and history: Considerations and conclusions Pavlos Tzermias
47 Iconography: Its historical, theological and philosophical background Nicolas Prevelakis
52 Minorities in the trap of iconography Christian Lagarde
60 From Gottmann to Gottmann: Testing a geographical theory Calogero Muscarà
64 Territory and territoriality in a globalizing world Ron Johnston
71 The identity of modern Chinese migrants from Hong Kong to Vancouver, Canada Thomas Fournel
79 Changing sovereignty and changing borders: vox dei or vox populi? Jean Laponce
84 Expansion of the frontier and city of freedom Yasuo Miyakawa
101 Jean Gottmann's theoretical writings: The art of reinventing geography Jean-Paul Hubert
111 The complete bibliography of Jean Gottmann Luca Muscarà
124 Ekistic grid index

Part 2: From megalopolis to global cities (vol. 70, no. 2021, May-August 2003)

- 131 Table of contents
132 General introduction
138 From megalopolis to global cities – Introduction by the guest editor Calogero Muscarà
140 An interview with Jean Gottmann on urban geography Miloš Perović
147 Sustainable development in the frontiers of the American Megalopolis Mami Futagami
162 Marche region, a "marginal" area in Italy: Participation in and exclusion
from the Mediterranean megalopolis Rita Colantonio Venturelli and Andrea Galli
170 In the footsteps of Jean Gottmann: From Le Havre to harbors between
globalization and the quest for identity François Gay
180 Iconography and circulation on the Atlantic seaboard: Europe and North America Michel Phlipponneau
183 Political aspects of planning the Basque coastal megalopolis Lawrence D. Mann
196 City image and major international events: A new tool for urban strategy and planning Jacqueline Lieutaud
211 The periphery in the center: Some political features of Turkish urbanization Ruşen Keleş
218 Love and hatred: Changing relations between the city governments of Budapest
and the national governments György Enyedi and Krisztina Keresztély
228 Towards a megalopolitan world? I.B.F. Kormoss
252 Ekistic grid index

Part 3: The bag of tools for a new geopolitics of the world (vol. 70, no. 2223, September-December 2003)

- 259 Table of contents
260 General introduction
266 The bag of tools for a new geo-politics of the world – Introduction by the guest editor Calogero Muscarà
270 The iconography and circulation of the Atlantic community Alan K. Henrikson
295 The relevance of Jean Gottmann in today's world George Prevelakis
305 Gottmann and Mediterranean Iconographies Giuseppe Campione
315 A "quantitative" analysis of the geopolitical situation in Russia Vladimir Kolossov
321 The Asia-Pacific region and the new world order Dennis Rumley
327 "Indian" geopolitics: Unity in diversity or diversity of unity? Sanjay Chaturvedi
341 The geopolitical role of China: Crouching tiger, hidden dragon Fabrizio Eva
352 "One Southeast Asia": Emerging iconographies in the making of a region Elena dell'Agnese
358 Influence of Jean Gottmann's thought on national development plans in Japan Jun Yamashita
366 Africa and globalization: What perspectives for the future of the continent? Alessia Turco
373 Latin American countries and their iconographies Monica Gangas-Geisse and Hernán Santis-Arenas
389 Ekistic grid index
391 The anthropocosmos model
392 Cumulative Index of Contents of EKISTICS, January-December 2003 (Vol. 70)

The papers in the three double issues of vol. 70 were solicited, compiled and edited by Calogero Muscarà, guest-editor for this volume. P. Psomopoulos undertook the final editing of the whole in consultation with the guest-editor and the authors. R.J. Rooke provided editorial assistance, Alex Freme-Sklirou proofread the texts, Niki Choleva was responsible for typesetting and graphics, and Despina Moutsatsou for the final dummy from a maquette by the editor.

In the steps of Jean Gottmann – Part 1 of 3

General introduction

5 **The editor's page**

6 **From the global network of megalopolises to the political partitioning of the world –
The guest editor's introductory statement**

Calogero Muscarà

Part 1: Reflections on Gottmann's thought

10 **Reflections on Gottmann's thought – Introduction by the guest-editor**

Calogero Muscarà

13 **Geographer, historian and classic French regionalist: The evolution of the writings of Jean Gottmann** *Robert A. Harper*
"What began as the study of a spatial, regional complex, increasingly turned to concerns even predictions emphasizing social and economic developments."

19 **From megalopolis to global city-region? The political-geographical context of urban development** *John Agnew*
[Gottmann's] "urban geography was an outgrowth of a political geography that emphasized historical oscillation between closed and open territorial systems."

23 **The long road to Megalopolis** *Luca Muscarà*
Megalopolis was certainly not a simple reflection of Jean Gottmann's biography, but rather a natural evolution of his theoretical work on political geography.

36 **City and culture** *Paul Claval*

"The substitution of cultural approaches to morphological and functional ones was mainly achieved from the 1970s. Some authors had, however, understood earlier the interest of combining these different perspectives: it explains the interest of Jean Gottmann's contributions to the study of big modern cities (...)."

42 **Geography, geopolitics and history: Considerations and conclusions** *Pavlos Tzermias*

In "The intellectual environment in which Gottmann studied ... political science and philosophy were a pervasive part of the atmosphere; the frontiers between geography and history ... were practically non-existent in French universities."

47 **Iconography: Its historical, theological and philosophical background** *Nicolas Prevelakis*

"... the significance of the iconography concept for the Social Sciences has to be studied according to the complex issues related to the icons in the Christian Orthodox tradition."

52 **Minorities in the trap of iconography** *Christian Lagarde*

"... manifestations of the Imaginary, based often on myths which are variously understood outside, and conserved to a greater or lesser degree inside, the geographical entities to which they apply. Thus the situation lends itself to an analysis in terms of images, which may become icons when they are invested with the intangible values associated with the sacred, and may thus form iconographies."

60 **From Gottmann to Gottmann: Testing a geographical theory** *Calogero Muscarà*

"... If the use of iconographies has its fullest expression at the level of national States, what happens when an iconography can no longer count on the strength of national States to nurture it?"

64 **Territory and territoriality in a globalizing world** *Ron Johnston*

"... I build on Gottmann's ideas, 30 years after they were presented, to suggest how that fluidity has developed and how different scales have become important in the use of territoriality strategies."

71 **The identity of modern Chinese migrants from Hong Kong to Vancouver, Canada** *Thomas Fournel*

"... regarding the apparent exile of the Hong Kong elite, it would seem today to correspond more to a reinforcing of a global presence, all the colonies forming that way a Hanse of modern times revolving around this Asian major pole. At the same time, these migrants, approaching the planet from a supra-national way and according to their habits no matter their country of residence, could foreshadow a globalizing and multi-residential trend which will more and more characterize behavior of a fortunate ubiquitous elite in a close future."

79 **Changing sovereignty and changing borders: vox dei or vox populi?** *Jean Laponce*

"... Distance – physical and perceptual – as well as boundaries that protect and divert communication remain major factors in international relations. ... Will the 21st century reverse the process of fragmentation of the world system of states? ... We should thus anticipate that new nations will appear. ... How will these new states be created, how will their boundaries be determined?"

84 **Expansion of the frontier and city of freedom** *Yasuo Miyakawa*

"... the development of central regions and the evolution of frontier regions in Japan have been closely interrelated with each other as Japan became incorporated into the modern world system ... at five historical stages ... and the changing role of iconography ... in relation with the expansion or contraction of Japan's orbit on the global scene."

101 **Jean Gottmann's theoretical writings: The art of reinventing geography** *Jean-Paul Hubert*

"... Gottmann re-oriented geography by placing it in the realm of the sciences of organization and structures."

111 **The complete bibliography of Jean Gottmann** *Luca Muscarà*

124 **Ekistic grid index**

Cover: Jean Gottmann, 1983. (*Source:* Photograph by Hazel Rossetti, Fellow of St. Anne's College, Oxford).

The papers in this double issue – the first of three double issues of vol. 70 on the general subject "In the steps of Jean Gottmann" – were solicited, compiled and edited by Calogero Muscarà, guest-editor for this volume. P. Psomopoulos undertook the final editing of the whole in consultation with the guest-editor and the authors. R.J. Rooke provided editorial assistance, Alex Freme-Sklirou proofread the texts, Niki Choleva was responsible for typesetting and graphics, and Despina Moutsatsou for the final dummy from a maquette by the editor.

In the steps of Jean Gottmann – Part 2 of 3

General introduction

133 The editor's page

134 From the global network of megalopolises to the political partitioning of the world –
The guest editor's introductory statement

Calogero Muscarà

Part 2: From megalopolis to global cities

138 From megalopolis to global cities – Introduction by the guest-editor

Calogero Muscarà

140 An interview with Jean Gottmann on urban geography

Miloš Perović

"An ancient philosopher said that Megalopolis was the 'city of ideas that determines the material city we really build.' In practice we know that material forms and processes inherited from the past restrict our thinking. This is in interplay between the spirit and the material world with which we have to live, but we can live better with it once we accept the evidence of change and the imperative need to use the power of imagination."

147 Sustainable development in the frontiers of the American Megalopolis

Mami Futagami

"This study examines the issue of sustainable development in the frontiers of the American Megalopolis through an analysis of the Appalachian region, the first western frontier of the United States, to which the Atlantic Megalopolis expanded its markets and export capital."

162 Marche region, a "marginal" area in Italy: Participation in and exclusion
from the Mediterranean megalopolis

Rita Colantonio Venturelli and Andrea Galli

Phenomena such as an overall process of growth or urban concentration "can be interpreted as events within a more general urbanization process, although at the same time they may serve as indicators of the specific modalities of the process itself."

170 In the footsteps of Jean Gottmann: From Le Havre to harbors between globalization and the quest
for identity

François Gay

"The case is clear: geographers need to rehabilitate the notion of territory and more precisely the notion of infra-national territory as a counterpoint to globalization. Man wants to be someone but come from somewhere."

180 Iconography and circulation on the Atlantic seabords: Europe and North America

Michel Phlipponneau

"How to explain then, that on the European shoreline, the starting point of Megalopolis' founding fathers, a demographic and economic stagnation, a scattering of men and activities and a limited urbanization, contrast with the extraordinary dynamism of the North American shoreline?"

183 Political aspects of planning the Basque coastal megalopolis

Lawrence D. Mann

"Jean Gottmann's concept of the megalopolis has proved to be very useful in conceptual-level planning for the Basque coastal megalopolis. This is especially clear if a modicum of functional theory is added to the concept, as we have done."

196 City image and major international events: A new tool for urban strategy and planning

Jacqueline Lieutaud

"... the place of the city is growing more and more in a worldwide life where borders are waning. The image of the city is even becoming a target representative of culture and ideology as a whole ..."

211 The periphery in the center: Some political features of Turkish urbanization

Ruşen Keleş

"... realities of social and economic structure, including the characteristics and patterns of urbanization, deeply affect political development. ... As a result, social, economic and political factors tend to nourish the growth of extremist or fundamentalist movements in society."

218 Love and hatred: Changing relations between the city governments of Budapest
and the national governments

György Enyedi and Krisztina Keresztély

"Over the past 130 years ... Governments marked by 'openness' policies have always sustained the economic and urban development of Budapest. Governments following 'closedness' policies tend to bestow privileges on rural and small town areas."

228 Towards a megalopolitan world?

I.B.F. Kormoss

"The title of the present essay calls to mind its triple *raison d'être*: a homage paid to the person and to the paramount contribution of the late Professor Jean Gottmann and especially to the study of the North East corridor of the United States of America coined by him as 'Megalopolis' ... [and] The ... two 'megalopolitan' areas ... studied on a comparative approach in my paper 'Vers une Mégalopolis européenne?' Thirty years later it seemed to be appropriate to paraphrase the same issue in a larger context, still keeping the question mark in the title."

252 Ekistic grid index

Cover: Jean Gottmann, 1983. (*Source:* Photograph by Hazel Rossetti, Fellow of St. Anne's College, Oxford).

The papers in this double issue – the second of three double issues of vol. 70 on the general subject "In the steps of Jean Gottmann" – were solicited, compiled and edited by Calogero Muscarà, guest-editor for this volume. P. Psomopoulos undertook the final editing of the whole in consultation with the guest-editor and the authors. R.J. Rooke provided editorial assistance, Alex Freme-Sklirou proofread the texts, Niki Choleva was responsible for typesetting and graphics, and Despina Moutsatsou for the final dummy from a maquette by the editor.

In the steps of Jean Gottmann – Part 3 of 3

General introduction

- 261 The editor's page
262 From the global network of megalopolises to the political partitioning of the world –
The guest editor's introductory statement *Calogero Muscarà*

Part 3: The bag of tools for a new geopolitics of the world

- 266 The bag of tools for a new geopolitics of the world – Introduction by the guest-editor *Calogero Muscarà*
270 The iconography and circulation of the Atlantic community *Alan K. Henrikson*
“... To look only to the explicit bonds of obligation or the official consultative arrangements between the United States, in particular, and the countries and organizations of Europe as the source of the cohesion that does, at most times, exist between the continents of America and Europe would, surely, be to miss much of the substance of the connection.”
295 The relevance of Jean Gottmann in today's world *George Prevelakis*
“The question is if there can be a European iconography strong enough to overcome the influence of national iconographies in times of crisis and economic difficulty.”
305 Gottmann and Mediterranean Iconographies *Giuseppe Campione*
“It is not the geography of matter which shapes the true compartmentalization of space. Nowadays in this field problems can be solved technologically and economically. It is in the hearts and minds that true blockages occur.”
315 A “quantitative” analysis of the geopolitical situation in Russia *Vladimir Kolossov*
“National iconography is a result of a long historical development of the perception by state leaders, public opinion and the intellectual elite of the place of a country in the world, its geopolitical situation, national interests, and external threats to national security.”
321 The Asia-Pacific region and the new world order *Dennis Rumley*
“... with the current global security configuration consequent upon the new internationalist agenda and the spread of nuclear weapons, Western states need to sufficiently recognize Asia-Pacific regional interests and to more effectively accommodate these in new regional and global economic and security structures.”
327 “Indian” geopolitics: Unity in diversity or diversity of unity? *Sanjay Chaturvedi*
“... Indian geopolitics is best understood in its historical and discursive context of theorizing and practices.”
341 The geopolitical role of China: Crouching tiger, hidden dragon *Fabrizio Eva*
“With the notion of iconography, Jean Gottmann demonstrates that spatial identity, nationalism, and the resistance of places can develop a power comparable to that of material forces.”
352 “One Southeast Asia”: Emerging iconographies in the making of a region *Elena dell'Agnese*
“... regional labeling is a ... conceptual formation generally presuming some form of correspondence in space between physical landmasses and human cultural features. ... it is also a very adaptable form of geographical representation ... over time.”
358 Influence of Jean Gottmann's thought on national development plans in Japan *Jun Yamashita*
The influence of Gottmann's thought on national land plans includes megalopolis in Japan, the importance of the natural environment in a metropolis, decentralization of business functions to sub-centers in metropolitan areas, and so on.
366 Africa and globalization: What perspectives for the future of the continent? *Alessia Turco*
“Jean Gottmann said: ‘... National politics is built not only upon what exists or doesn't exist inside the border of a country, but upon what is found or not found in other countries whom the former has relationships with ...’ In the context, Africa ... is trying to rebuild these relationships on a new basis, in order to get out of its geopolitical and economic isolation and identify its role in the international scene.”
373 Latin American countries and their iconographies *Monica Gangas-Geisse and Hernán Santis-Arenas*
“The iconographic expressions of the political societies – the political ‘territory’ – at least in the case of Latin American countries, clarify the value of the notions of Jean Gottmann.”
389 Ekistic grid index
391 The anthropocosmos model
392 Cumulative Index of Contents of EKISTICS, January-December 2003 (Vol. 70)

Cover: Jean Gottmann, 1983. (Source: Photograph by Hazel Rossetti, Fellow of St. Anne's College, Oxford).

The papers in this double issue – the third of three double issues of vol. 70 on the general subject “In the steps of Jean Gottmann” – were solicited, compiled and edited by Calogero Muscarà, guest-editor for this volume. P. Psomopoulos undertook the final editing of the whole in consultation with the guest-editor and the authors. R.J. Rooke provided editorial assistance, Alex Freme-Sklirou proofread the texts, Niki Choleva was responsible for typesetting and graphics, and Despina Moutsatsou for the final dummy from a maquette by the editor.

Defining Success of the City in the 21st Century – 1 of 2

4 The anthropocosmos model

5 The editor's page

The 2001 WSE Meetings, Berlin, 24-28 October

7 Program

8 Participants

I. Executive Council Meeting

II. The C.A. Doxiadis Lecture

10 Knowledge and interdisciplinarity as socio-cultural uncertainties

Demosthenes Agrafiotis

III. Symposium: Defining Success of the City in the 21st Century

19 Daily Program

Part 1: Introduction

22 Success of the City in the 21st Century: An introduction to the 2001 Symposium

Udo E. Simonis

26 Whither 21st century urban civilization: Dystopia or utopia?

Koichi Tonuma

31 Cities and energy: The sustainability (r)evolution

Voula Mega

41 Venice: Myths of the past in cities of the present and in the age of the media

Calogero Muscarà

52 Urbanizing regions in China's Yangtze Basin

Edward Leman

60 Principles of intelligent urbanism: The case of the new Capital Plan for Bhutan

Christopher Charles Benninger

82 Re-establishing a capital city

Hans Stimmann

Part 2: Nature

86 Ownership and command over resources in the Sahel town of Abéché

Jürgen Oestereich

94 Changing urban policies towards sustainability in the Mediterranean

Serge Antoine

103 Towards ecological urban restructuring: A challenging new eco-cultural approach

Ekhart Hahn

116 Development of Kachchh, after the devastating earthquake in Gujarat

Akhtar Chauhan

Part 3: Anthropos

120 Success for whom? The place of people in 21st century cities

William Michelson

123 The good, the bad and the evil Athens: Quality of life in cities

Bjørn Røe

131 Disabled people in disabling settlements

Panayis Psomopoulos

Part 4: Society

140 Planning and development of rural and semi-urban settlements

Laila Shukry El Hamamsy

142 Social sustainability of large cities

György Enyedi

145 The role of neighborhoods in the success of cities

Amos Rapoport

152 The transparency syndrome in global change: A sociological concept paper

Burkart and Leslie Holzner

163 Population deconcentration in Italy, Spain and Greece: A first comparison

Petros Petsimeris

173 Ekistic grid index

The papers in this issue are selected from documents presented – or made available to participants – at the conference "Defining Success of the City in the 21st Century," Berlin, 24-28 October, 2001, which took place on the premises of the Wissenschaftszentrum Berlin (Science Center Berlin) at the invitation of Professor Udo E. Simonis, President of the World Society for Ekistics. In most cases papers were edited by P. Psomopoulos following consultation with the authors whenever possible and in collaboration with R.J. Rooke, Assistant Editor. Alex Freme-Skliros proofread the texts and Niki Choleva was responsible for typesetting and graphics.

Defining Success of the City in the 21st Century – 2 of 2

180 The anthropocosmos model

181 The editor's page

The 2001 WSE Meetings, Berlin, 24-28 October

III. Symposium: Defining Success of the City in the 21st Century (cont'd)

Part 5: Shells`

- 184 Areas of cultural and ecological re-equilibrium in human settlements *Rita Colantonio Venturelli*
189 Urban intensification in New Zealand *Barry Rae*
192 A future for the historical city of Hikone *Takashi Doi*
202 Integration of the former Panama Canal Zone into Metro Panama City *Alvaro Uribe*
209 A future for Athens *Alexander Papageorgiou-Venetas*

Part 6: Networks

- 221 The oil-based technology and economy: Prospects for the future *Klaus Illum*
227 Groundwater in relation to fractured till *Earl Finbar Murphy, Julie Weatherington-Rice, Ann D. Christy and Ava Hottmann*
234 Shifting from physical to electronic space: The making of the electronic Ecumenopolis *Mit Mitropoulos*
243 The economic impact of a major airport *Margery al Chalabi*
250 A comprehensive planning framework for the National Aviation System, USA *Suhail al Chalabi*
259 Inland freight transport scenarios for Europe in 2020 *G.A. Giannopoulos*
275 A Pan-European, competitive public transport system *Kjell Dahlström*

Part 7: Education and Research

- 279 Sciences of human settlements: Searching for the theory and practice *Wu Liangyong*
285 The need for a contribution of ekistics to planning education and research *Thomas W. Fookes*
288 Maungarei-o-Tamaki in 2050 – A town within a city *David Johns, Ian Munro, Aimee Redknap and Sarah Ricketts*
290 Public affective appraisal for urban design of the CBD of Nairobi *Francis M. Mburu*

Part 8: Synthesis

- 292 To sustainability through interdisciplinary planning: A planner's perspective *Jerzy Kozlowski*
304 The Lake Ontario Waterfront Trail, Canada: Integrating natural and built environments *Ingrid Leman Stefanovic*
317 Doxiadis and the ideal dynapolis: The limitations of planned axial urban growth *Ray Bromley*
331 Urban and rural areas as defined by population density in Japan *Haruhiko Goto*
333 Sustainable development, international cooperation and local authorities *Ruşen Keleş*
337 The future of the Basque Homeland: An ekistic approach *Lawrence D. Mann*
345 What could be considered a successful city of tomorrow *Vassilis Sgoutas*

Part 9: Conclusions

- 348 Success of the city in the 21st century: Some thoughts arising from presentations *Thomas W. Fookes*
349 Success of the city in the 21st century: Identifying priorities for further WSE work *Panayis Psomopoulos*

IV. General Assembly

352 Ekistic grid index

356 Cumulative Index of Contents of EKISTICS, January-December 2002 (Vol. 69)

The papers in this issue are selected from documents presented – or made available to participants – at the conference "Defining Success of the City in the 21st Century," Berlin, 24-28 October, 2001, which took place on the premises of the Wissenschaftszentrum Berlin (Science Center Berlin) at the invitation of Professor Udo E. Simonis, President of the World Society for Ekistics. In most cases papers were edited by P. Psomopoulos following consultation with the authors whenever possible and in collaboration with R.J. Rooke, Assistant Editor. Alex Freme-Skliros proofread the texts and Niki Choleva was responsible for typesetting and graphics.

Forty years on persisting priorities

- 162 The anthropocosmos model**
Indicative presentation of themes emphasized in this issue, in terms of scale, time, income group, interconnection of ekistic elements and desirability/feasibility.
- 163 The editor's page**
A forty-year world forum for free communication and exchange of ideas and experience in pursuit of evidence supporting, improving or rejecting basic premises of ekistic theory and practice — A non-stop process of evaluation.
- 164 Constantinos A. Doxiadis**
A biographical note about the founder of the journal
- 168 The first issue of the journal**
And a note about its co-founder and first editor, Jacqueline Tyrwhitt
- 172 The first forty years of the journal 1955-1995**
A list of all issues
- 177 The road to Ecumenopolis** *John G. Papaioannou*
The evolution of ideas since 1959 and an overview of the main findings of the City of the Future (COF) research project of the Athens Center of Ekistics — "a tribute to C.A. Doxiadis, from whose fertile imagination and insight, perspicacious vision, and integrating abilities the great majority of the ideas ... originate."
- 209 Islamabad after 33 years** *Dusan Botka*
C.A. Doxiadis' concept plan and its implementation: The outcome of a review effort initiated by the Capital Development Authority with the active involvement of UNDP/UNCHS ... to ensure that the original principles are respected in the future development stages of the Capital City of Pakistan.
- 236 Configuration, hierarchy and spacing of the urban road network in Islamabad** *John Frantzeskakis*
An outstanding example of a properly conceived pattern of road network which through its "configuration, hierarchy and spacing [forces] through traffic to follow the arterial network and [discourages] the use of collector and local streets which are thus restricted to the limited use of local traffic."
- 242 The value and future of the community: A conversation with Suzanne Keller** *William McCleery*
The fundamental role of community in Human Settlements for which "architects, planners and developers ... instead of focusing so intently on physical structure and then trying to squeeze life into it ... might be wiser to give top priority to such factors as values, ethnic traditions, cultural symbolism, and norms of social closeness and distance — that is, to the social character of the community-to-be."
- 247 World City of the Future: The International Cities Design Competition** *Amos Rapoport, Jeffrey E. Ollswang and Lawrence P. Witzling*
A first critical assessment of a five-year effort to translate the idea of a World City of the Future into a major international competition and, more specifically, of the process of conceiving, programming, running the competition, judging the entries and selecting the winners, using as criteria, among other things, the relevance of their responses to the "specific physical, environmental, social and cultural situations ... in the urban center, older neighborhoods and the growing suburban edge ... found in Milwaukee," USA, but also the transferability of proposals to world cities with similarities.
- 256 Flexible production — Flexible education? An agenda for planning education into the 1990s** *Alexander R. Cuthbert*
"Armed with a firm theoretical knowledge of economy and society, a mastery of the planning apparatus and its operation, the technologies necessary to deal with practical problems and with specialist knowledge to contribute in teamwork situations, planners may yet be able to assert themselves as a political force in tomorrow's society": the impact of society's emergent changes and its workforce.
- 267 The re-use of buildings in historic towns: A coincidence of economic and cultural activities** *Gerald B. Dix*
"Let us not demolish what is old if reasonable re-use is possible, [but] old buildings that need a lot of maintenance ... can become a liability which it is unreasonable to ask future generations to support ... Let us welcome rather than condemn new development alongside old buildings where proper attention is paid to the essentials of urbanity and good architecture — scale and size, materials, texture and color, massing and silhouette."
- 273 Production schemes for building materials in the context of ekistic programs** *Constantinos A. Kakissopoulos*
"A national program ... in a developing country to be effective, economical and able to respond to [real] needs, will have to be integrated with the general housing program of the country; based on a massive involvement of the population; accompanied by a program of training in the production and the applications of building materials, particularly traditional ones, and methods; organized and implemented by the government; and founded on standardization."
- 278 Ecology and sustainability** *Balwant S. Saini*
Although architects play a very small role in the built environment, "as professionals [they] are still expected to lead" so they should "set an example by understanding and learning about issues relating to ecology and sustainability" as by example they "educate, coax and persuade clients and builders to do the same."
- 283 Comparing the conceptual systems of employees regarding their above-ground and underground office environment** *Edit Nagy*
The fact that "... most people react negatively towards underground and windowless spaces has a ... deeper psychological root than just the need for daylight and stimulation that a window provides": the supporting results of a small-scale qualitative study in Japan.
- 289 Ekistic environment and influences on the child** *Gerald Gutenschwager*
Shaping the complex future physical environment for the cognitive, emotional and broader development of the child requires a "discourse that includes designers, architects, planners, teachers, counselors, parents and, most importantly, the children themselves."
- 294 Wheels: Dream or nightmare? The case for true-cost pricing in the transportation sector** *Leonidas Petrakis*
The central challenge offered to all modern states by the importance but also the enormously negative impact of road-related transport on "the plexus of energy-environment-economy," and national security: the case of the USA, as it compares to Germany and Japan.
- 305 World trends in water law** *Earl Finbar Murphy*
"Today, almost everywhere in the world, the same rule of reason applies to all three legal definitions" of water law — riparian, run-off, and groundwater — "and the hydrologic cycle is the new factual predicate." ... "One can only hope that the more wasteful means will be moderated and the internalization of costs by one means or another will be more common."
- 312 Planning and the science of human settlements** *Sümer Gürel*
The "discipline of human settlements should be conceived — hence be treated accordingly — by bearing in mind its two undisputed complementary qualities: planning with its interdisciplinary nature ... and science with its transdisciplinary nature."
- 316 Ekistic grid index**
Indicative presentation of contents by article, in terms of ekistic elements, ekistic units, time, and key issues discussed.
- 319 Cumulative Index of Contents of EKISTICS, January-December 1995 (vol. 62)**

Papers in this issue were solicited, compiled and edited by P. Psomopoulos in consultation with the authors. R.J. Rooke provided editorial assistance, Alex Freme-Sklirou proofread the texts, Dora Spiliou and Vivi Mitsoura were responsible for typesetting, Angela Iliadi-Moschona for graphics, Myrto Moufli for the photography, and Despina Moutsatsou for the final dummy from a maquette by the editor.

PRICE LIST OF ACE RESEARCH REPORTS AND OTHER PUBLICATIONS

RESEARCH REPORTS

- | | | | |
|---|---------|---|---------|
| 1. C.A. Doxiadis, <i>Ecumenopolis, The Settlement of the Future</i> — COF (in English, 1967, 223 pp., 20 illus.) | \$45.00 | 7. D. Lazaridis, <i>Samothrace and its Peraia</i> (in Greek, 1971, 193 pp., 50 illus.) | \$36.00 |
| 2. John G. Papaioannou, <i>Megalopolises, A First Definition</i> — COF (in English, 1967, 86 pp., 12 illus.) | \$23.00 | 8. N. Faraklas, <i>Sikyonia</i> (in Greek, 1971, 206 pp, 76 illus.) | \$42.00 |
| 3. Richard L. Meier, <i>The Influence of Resource Constraints upon Planning for Worldwide Economic Development</i> — COF (in English, 1967, 32 pp., 1 illus.) | \$23.00 | 9. D. Theocharis, <i>Prehistory of Eastern Macedonia and Thrace</i> (in English, 1971, 64 pp., 10 illus.) | \$27.00 |
| 4. John Virirakis, <i>Community Index of Satisfactoriness: Effect of Education, Income and Sex</i> — HUCO (in English, 1968, 100 pp., 18 illus.) | \$23.00 | 10. N. Faraklas, <i>Troezenia, Calaureia, Methana</i> (in Greek, 1972, 159 pp., 53 illus.) | \$30.00 |
| 5. J. Tyrwhitt, <i>Highrise Apartments and Urban Form</i> — COF (in English, 1968, 119 pp., 27 illus.) | \$24.00 | 11. N. Faraklas, <i>Phleiasia</i> (in Greek, 1972, 85 pp., 30 illus.) | \$23.00 |
| 6. P. Pappas, <i>Time Allocation Study</i> — HUCO (in English, 1968, 221 pp., 48 illus.) | \$38.00 | 12. N. Faraklas, <i>Epidauria</i> (in Greek, 1972, 220 pp., 78 illus.) | \$45.00 |
| 7. Graeme D. Sheather, <i>North and Central Great Lakes Region: A General Systems Theory Analysis</i> — COF (in English, 1969, 186 pp., 62 illus.) | \$38.00 | 13. D. Lazaridis, <i>Amphipolis and Argilos</i> (in Greek, 1972, 174 pp., 43 illus.) | \$38.00 |
| 8. A. Mukhopadhyay, <i>Air Pollution by Automotive Sources in Urban Centers with Reference to Athens Metropolitan Area</i> — COG (in English, 1970, 172 pp., 43 illus.) | \$38.00 | 14. M. Sakellariou and N. Faraklas, <i>Megarais, Aigosthena, Ereneia</i> (in Greek, 1972, 191 pp., 49 illus.) | \$38.00 |
| 9. John G. Papaioannou, <i>Population Projections for Ecumenopolis</i> — COF (in English, 1970, 96 pp., 15 illus.) | \$23.00 | 15. S. Dakaris, <i>Thesprotia</i> (in Greek, 1972, 356 pp., 71 illus.) | \$53.00 |
| 10. Brian J.L. Berry, <i>Megalopolitan Confluence Zones: New Growth Centers in the United States</i> — COF (in English, 1971, 51 pp., 21 illus.) | \$15.00 | 16. D. Lazaridis, <i>Maroneia and Orthagoria</i> (in Greek, 1972, 140 pp., 40 illus.) | \$30.00 |
| 11. <i>Evaluation of Human Settlements: An ACE Joint Research Project</i> (in English, 1971, 351 pp., 66 illus.) | \$53.00 | 17. I. Travlos, M. Petropoulakou, E. Pentazos, <i>Athens, Ekistic Elements — First Report</i> (in Greek, 1972, 84 pp., 26 illus.) | \$23.00 |
| 12. C.A. Doxiadis, <i>City for Human Development</i> (in English, 1972, 400 pp., 150 illus.) | \$53.00 | 18. A. Zois, <i>Crete — Stone Age</i> (in Greek, 1973, 363 pp., 22 illus.) | \$57.00 |
| 13. <i>Series of Seminars: Mathematics and Ekistics, Methodology and Models for the Solution of Ekistic Problems</i> (in Greek, 1973, 255 pp.) | \$45.00 | 19. N. Faraklas, <i>Hermionis-Halias</i> (in Greek, 1973, 138 pp., 36 illus.) | \$30.00 |
| | | 20. D. Lazaridis, <i>Philippi — Roman Colony</i> (in Greek, 1973, 106 pp., 20 illus.) | \$30.00 |
| | | 21. M. Petropoulakou and E. Pentazos, <i>Attica, Ekistic Elements — First Report</i> (in Greek, 1973, 270 pp., 32 illus.) | \$53.00 |
| | | 22. J.W. Sperling, <i>Thera and Therasia</i> (in English, 1973, 95 pp., 39 illus.) | \$27.00 |
| | | 23. A. Petronotis, <i>Megale Polis of Arkadia</i> (in Greek, 1973, 448 pp., 18 illus.) | \$57.00 |
| | | 24. I. Kondis, <i>Lesbos and its Peraia</i> (in Greek, 1978, 564 pp., 63 illus.) | \$75.00 |

REPORTS OF THE "ANCIENT GREEK CITIES" RESEARCH PROJECT

- | | |
|---|---------|
| 1. Arnold Toynbee, <i>An Ekistical Study of the Hellenic City-State</i> (in English, 1971, 154 pp.) | \$30.00 |
| 2. C.A. Doxiadis, <i>The Method for the Study of the Ancient Greek Settlements</i> (in English or in Greek, 1972, 115 pp., 35 illus.) | \$27.00 |
| 3. M. Sakellariou and N. Faraklas, <i>Corinthia-Cleoneae</i> (in English, 1971, 444 pp., 105 illus.) | \$60.00 |
| 4. S. Dakaris, <i>Cassopaia and the Elean Colonies</i> (in English, 1971, 333 pp., 66 illus.) | \$48.00 |
| 5. D. Lazaridis, <i>Thassos and its Peraia</i> (in English, 1971, 207 pp., 73 illus.) | \$42.00 |
| 6. D. Lazaridis, <i>Abdera and Dikaia</i> (in Greek, 1971, 133 pp., 40 illus.) | \$27.00 |

Note

- ACE : Athens Center of Ekistics
 COF : "City of the Future" Research Project
 COG : "Capital of Greece" Research Project
 HUCO : "Human Community" Research Project

DOCUMENTATION REPORTS

- | | |
|---|----------|
| D1. Union Catalogue of Scientific Periodicals in Greek Libraries (in English and in Greek, 1971, 790 pp.) | \$150.00 |
|---|----------|

BOOKS BY C.A. DOXIADIS

- | | |
|--|---------|
| 1. <i>Anthropopolis, City for Human Development</i> (in English, 1974, 393 pp., 161 illus.) | \$60.00 |
| 2. <i>Ecumenopolis, the Inevitable City of the Future</i> (with John G. Papaioannou) (in English, 1974, 469 pp., 151 illus.) | \$75.00 |
| 3. <i>Building Entopia</i> (in English, 1975, 331 pp., 293 illus.) | \$60.00 |
| 4. <i>Action for Human Settlements</i> (in English, 1976, 207 pp., 77 illus.) | \$45.00 |

These publications, though in very limited supply, can be obtained from the Athens Center of Ekistics, 23 Strat. Syndesmou Street, 106 73 Athens, Greece. Price in US\$ includes mailing cost (surface mail).

EKISTICS (modern Greek: ΟΙΚΙΣΤΙΚΗ) is derived from the ancient Greek adjective *οικιστικός*, more particularly from the neuter plural *οικιστικά* (as “physics” is derived from *φυσικά*, Aristotle). The ancient Greek adjective *οικιστικός* meant: “concerning the foundation of a house, a habitation, a city or a colony; contributing to the settling.” It was derived from the noun *οικιστής*, meaning “the person who installs settlers in a place.” This may be regarded as deriving indirectly from another ancient Greek noun, *οἰκίσις*, meaning “building,” “housing,” “habitation,” and especially “establishment of a colony, a settlement or a town” (already in Plato), or “filling it with new settlers”: “settling,” “being settled.” All these words grew from the verb *οικίζω*, “to settle,” and were ultimately derived from the noun *οἶκος*, “house,” “home” or “habitat.”

The *Shorter Oxford English Dictionary* contains a reference to an *oecist*, *oekist* or *oikist*, defining him as: “the founder of an ancient Greek ... colony.” The English equivalent of *οικιστική* is *ekistics* (a noun). In addition, the adjectives *ekistic* and *ekistical*, the adverb *ekistically*, and the noun *ekistician* are now also in current use. The French equivalent is *ékistique*, the German *ökistik*, the Italian *echistica* (all feminine).