

# Ekistic grid index

The articles in this issue are coded by the scale of settlements and an aspect of an element indicated in the ekistic grid.

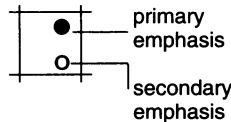
The content of each article is classified within an ekistic grid as follows:

- The scale of the settlement(s) with which the article deals is selected from among the 15 ekistic units:

No.	Name	Population
1	Anthropos	1
2	Room	2
3	House	5
4	House group	40
5	Small neighborhood	250
6	Neighborhood	1,500
7	Small polis	10,000
8	Polis	75,000
9	Small metropolis	500,000
10	Metropolis	4 million
11	Small megalopolis	25 million
12	Megalopolis	150 million
13	Small eperopolis	1,000 million
14	Eperopolis	7,500 million
15	Ecumenopolis	50,000 million

- The subjects dealt with in each article are selected from among the subheads of the five ekistic elements. The position of a dot in any square of the grid indicates which of the four subheads is being referred to. If the article arrives at a synthesis of these elements, either in a physical plan or in ekistic theory, the dot is at the top or bottom of the square.

key to placement of subheads



The subheads of the elements are:

## NATURE

1. Environmental Analysis
2. Resources Utilization
3. Land Use, Landscape
4. Recreation Areas

## ANTHROPOS

1. Physiological Needs
2. Safety and Security
3. Affection, Belonging, Esteem
4. Self-actualization, Knowledge and Aesthetics

## SOCIETY

1. Public Administration, Participation and Law
2. Social Relations, Population Trends, Cultural Patterns
3. Urban Systems and Urban Change
4. Economics

## SHELLS

1. Housing
2. Service Facilities
3. Shops, Offices, Factories
4. Cultural and Educational Units

## NETWORKS

1. Public Utility Systems
2. Transportation Systems
3. Personal and Mass Communication Systems
4. Computer and Information Technology

## SYNTHESIS

1. Physical Planning
2. Ekistic Theory

Each article is described by keywords, which are also used in the *Ekistic Index*, and by abbreviations referring to their illustrative content.

### Keyword letter code

- D = Diagrams
- I = Illustrations
- M = Maps
- R = References
- S = Statistics, Tables, Graphs
- X = Simulation, Mathematical Models, etc.

COMMUNITY SCALE		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII				
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	HOUSE																
	HOUSE GROUP																
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SYNTHESIS: HUMAN SETTLEMENTS	○					○		○		○		○		○		○	

### The editor's page

*World Society for Ekistics, 2001 Meetings Berlin General; Present*

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COMMUNITY SCALE		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII				
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	NETWORKS									○	○						
SYNTHESIS: HUMAN SETTLEMENTS								○	○	○							

### Areas of cultural and ecological re-equilibrium in human p. 184

*Networking, Urban Ecology, Integrating Planning Process General, Lake Como, Italy; Present and future*

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SYNTHESIS: HUMAN SETTLEMENTS			○			○		○		○							

### Urban intensification in New Zealand

*Urbanization, Environment, Planning Criteria New Zealand; 19th century to present and future*

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COMMUNITY SCALE		i	ii	iii	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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**A future for the historical city of Hikone**  
*Architecture, Civic Design, Culture, Conservation  
Hikone, Japan; Past, present, future*

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COMMUNITY SCALE		i	ii	iii	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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SYNTHESIS: HUMAN SETTLEMENTS										●						

**Integration of the former Panama Canal Zone into Metro** p. 202  
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EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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SYNTHESIS: HUMAN SETTLEMENTS										○						

**A future for Athens**  
*Urban Planning, Civic Design, Landscaping, Inner City  
Athens, Greece; 19th century to present and future (2100)*

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COMMUNITY SCALE		i	ii	iii	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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SYNTHESIS: HUMAN SETTLEMENTS														○		

**The oil-based technology and economy: Prospects for** p. 221  
*Energy, End-Use Energy, Sustainability, Technology  
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COMMUNITY SCALE		i	ii	iii	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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SYNTHESIS: HUMAN SETTLEMENTS																

**Groundwater in relation to fractured till**  
*Groundwater, Water Protection, Legislation, Research  
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COMMUNITY SCALE		i	ii	iii	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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SYNTHESIS: HUMAN SETTLEMENTS														○	○	

**Shifting from physical to electronic space: The making** p. 234  
*Electronic Space, Networking, Social Cohesion, The Research  
General; Past, present, future*

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COMMUNITY SCALE		i	ii	iii	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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SYNTHESIS: HUMAN SETTLEMENTS																

**The economic impact of a major airport**  
*Airport Planning, Economy, Metropolitan Development  
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EKISTIC UNITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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SYNTHESIS: HUMAN SETTLEMENTS														○	○	

**A comprehensive planning framework for the National** p. 250  
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D,M,S

COMMUNITY SCALE		i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii			
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SYNTHESIS: HUMAN SETTLEMENTS																

**Inland freight transport scenarios for Europe in 2020** p. 259  
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SYNTHESIS: HUMAN SETTLEMENTS																

**A Pan-European, competitive public transport system** p. 275  
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COMMUNITY SCALE		i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii			
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SYNTHESIS: HUMAN SETTLEMENTS																

**Sciences of human settlements: Searching for the theory** p. 279  
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COMMUNITY SCALE		i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii			
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**The need for a contribution of ekistics to planning** p. 285  
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SYNTHESIS: HUMAN SETTLEMENTS																

**Maungarei-o-Tamaki in 2050 – A town within a city** p. 288  
*Planning Education, Ekistics Education*  
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COMMUNITY SCALE		i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii			
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SYNTHESIS: HUMAN SETTLEMENTS																

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COMMUNITY SCALE		i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii			
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SYNTHESIS: HUMAN SETTLEMENTS																

**To sustainability through interdisciplinary planning: A** p. 292  
*Planning Process, Planning Principles, Research Priorities*  
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COMMUNITY SCALE		i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii			
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SYNTHESIS: HUMAN SETTLEMENTS																

**The Lake Ontario Waterfront Train, Canada** p. 304  
*Nature, Design Evaluation, Citizen Participation, Research*  
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