

INVENTORYING GREEN SPACES IN CRAIOVA

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ABSTRACT

One of the cities problems is the degradation and diminishing of existing planted areas. Craiova, located approximately in the center of Oltenia, in the county of Dolj contains the largest number of people, and for every inhabitant has to be provided a minimum of 40 sqm / inhabitant planted area.

It is not impossible if the new general urban plans would have provided a controlled expansion of built-up areas and building land areas planted in 1990 were still open at the edge of cities. During our research we have inventoried Craiova most of the green areas , based on the inventory records from the City Hall.

INTRODUCTION

Craiova, residence of The Dolj county is the 6th city in Romania, after the number of inhabitants and is located in the south of the country, 44°19'30" North and 23°50'45" East longitude. Area on which is placed Craiova is a creation of Jiu river located on its left bank Craiova is situated on a well-defined and delimited aisle landforms with altitude between 70-75 m in the floodplain and 140-150 m on the level of high terrace.

The city is bordered on the west by Bucovăț Hill (165 m), Cârligei Hill (160 m) and Drumul Mare Hill (150.5 m) and on the east by Viilor Hill (209.5 m), Mlecăneștilor Hill (203.5 m) Hill and Carcea Hill (191.5 m).

Approximate area of Craiova is 150-160 km², integrating them into the territorial and administrative the localities Popoveni, Mofleni, Rovine, Izvorul Rece and Șimnicul de Jos, as population Craiova has approximative 320 thousand inhabitants.

MATERIAL AND METHOD

During our research we have inventoried Craiova most of the green areas (parks, public gardens, squares, green areas), based on the inventory records from the City hall. As is known in Romania, where cities have grown in the past 50 years, more on vertical on limited areas, densities are relatively high in the built-up areas, returning generally an area of 125-150 square meters of land/inhabitant .

Under these conditions we can see that the area planted to ensure a minimum of 40 square meters/inhabitant becomes a difficult goal to achieve, but not impossible, if the new general urban plans would have provided a controlled expansion of built-up areas and building land planted areas which in 1990 were still available in the town.

RESULTS AND DISCUSSIONS

The following tables present the main unit Green Area Craiova, as set out in the inventory list of the Craiova City Hall.

Table 1

Parks from Caiova

Nr. crt.	Architecture objective	Area m ²
1	N. Romanescu Park	940000
2	Lunca Jiului (Tineretului) Park	540000
3	I Hanul Doctorului Park	160000
4	Cornățoiu Park	200000
Total		1840000

Table 2

Gardens from Craiova

Nr. crt.	Architecture objective	Area m²
1	Garden English Parc	5900
2	Garden Teatrului Național	22320
3	Garden Mercur	14500
4	Garden Mihai Bravu	12362
5	Garden Madona	3755
6	Garden Jianu-Tribunal	2516
7	Garden Patria	4000
8	Garden Crizantemelor	18300
9	Garden Rovine	5100
10	Garden Bibescu	2500
11	Garden Sfântul Dumitru	25940
12	Garden Independența - Mureș	16243
13	Garden Casa Științei și Tehnicii	12000
14	Garden Pavlov și Pedagogic	22000
15	Garden Poraj-Amaradia	25000
16	Garden Botanică	165550
Total		357986

Table 3

Squares from Craiova

Nr. crt.	Architecture objective	Area m²
1	Squar Artizanat	200
2	Squar Squar Lactate	500
3	Squar 30 „Decembrie”	160
4	Squar Renel – Vl. Vâlcii	1500
5	Squar Racul	1265
6	Squar Izvorul Rece	1650
7	Squar Primărie	620
8	Squar Muzeul Olteniei	380
9	Squar Gară	3145
10	Squar Poștă Calea București	660
11	Squar Rotonda	2260
12	Squar Club Electroputere	4060
13	Squar Complex Horia	500
14	Squar Astoria și Hagi Enuș	6400
15	Squar Complex Unirea	307
16	Squar Sala Polivalentă	2700
17	Squar Cina - TVR	250
18	Squar Cercul Militar	1397
19	Squar „1907”	5840
20	Squar Arta Poporului	280
21	Squar Microcomputer Service – Cl. București	1650
22	Squar Internet Calea București	150
23	Squar B.I.R.	952
24	Squar Hotel Jiul	5432
25	Squar Union	1211
26	Squar Policlinica - 2	839
27	Squar Cornițoiu Vechi	3075
28	Squar Han Craiovița și A.C.R.	11300
29	Squar Complex Baba Novac	3000
30	Squar Big Craiovița Nouă	4300
31	Squar Vl. Gangului Consul	20000
32	Squar Statuia Tudor Vladimirescu	1102
33	Squar Cl. București	1400
Total		88485

Table 4

Green area from Craiova

Nr. crt.	Architecture objective	Area m²
1	Green area Fântâna artizanală - Ciupercă	1326
2	Green area Fântâna artizanală Medicină-Juguri	620
3	Green area Fântâna artizanală Gară	200
4	Green area Fântâna artizanală Unirii	6
5	Green area Fântâna artizanală Electroputere Club	440
6	Green area Fântâna artizanală Horia	260
7	Green area Fântâna Purcarului	459
8	Green area Fântâna Popova	590
9	Green area Fântâna Romanești	52
10	Green area Fântâna Chiriac	216
11	Green area Fântâna Gh. Doja	200
12	Green area Fântâna Obedeauu	1700
13	Green area str. Th. Aman	1050
14	Green area str. Unirii	1200
15	Green area str. Romul	2728
16	Green area Colțar Republicii	110
17	Green area Casa Căsătoriilor – Carada E. și Casa Studenților	670
18	Green area CEC - ACR	1880
19	Green area Intersecția Macedonski și Caracal	450
20	Green area str. M. Viteazu – I. Maiorescu – Liceul E. Cuza	2970
21	Green area str. Republicii și Zona Podișor	2100
22	Green area Republicii și Fr. Golești	350
23	Green area Pasaj C. București	22800
24	Green area Dala pietonală Cl. București	12139
25	Green area B-dul Calea București - laterale	27400
26	Green area Calea București - mijloc	13440
27	Green area Complex Nanterre	175
28	Green area str. Spaniei	2500
29	Green area str. Argeș – peluze laterale	2560
30	Green area str. Lăpuș – peluze laterale	25000
31	Green area str. Caracal – față blocuri	12610
32	Green area Pasaj Caracal	14647
33	Green area Obelisc Caracal	1100
34	Green area Obelisc Aeroport	1400
35	Green area Taluz Hanul Doctorului	4500
36	Green area Unitate Aviație-laterale	8423
37	Green area str. Înfrățirii	1500
38	Green area Fântâna Lunca Jiului	1235
39	Green area B-dul Știrbei Vodă – mijloc și lateral	26300
40	Green area B-dul 1 Mai – mijloc și lateral	28900
41	Green area B-dul Mureș – GH. Chițu – mijloc și lateral	1600
42	Green area Statuia Traian Demetrescu	216
43	Green area B-dul N. Romanescu – mijloc și lateral	7916
44	Green area Peco Romanești	1296
45	Green area Casa de Modă	2200
46	Green area Statuia Mihai Viteazu	670
47	Green area B-dul Râului - mijloc	100000
48	Green area I.C.R.T.I. – str. Caracal	600
49	Green area I.D.M.S. – str. Caracal	1054
50	Green area Caracal – peluze laterale	1600
51	Green area ICRTI str. Caracal – Semafor –Olcit	7142
52	Green area B-dul N. Titulescu – mijloc și lateral	40000
53	Green area B-dul Toporași	16920

54	Green area str. G. Enescu – mijloc și lateral	5000
55	Green area str. Brestei – peluza laterală	2800
56	Green area str. Iancu Jianu - lateral	1778
57	Green area str. Maria Tănase – lateral	4878
58	Green area Cimitir Sineasca EROI	6650
59	Green area Taluz Obedeauu	14540
60	Green area str. Tufănele	120
61	Green area Peco-Severinului	1933
62	Green area str. Prelungirea Severinului - lateral	3000
63	Green area K. Vl. Vlăicii	1000
64	Green area B-dul Dacia – Gară – Peco Severinului	30000
65	Green area str. Brazdă – lateral și Z.V. Americanul	3097
66	Green area str. Doljului - lateral	1000
67	Green area str. Amaradiei – lateral	3300
68	Green area Esplanadă Craiovița Nouă	9512
69	Green area B-dul Tineretului – mijloc și lateral	6405
70	Green area B-dul Olteniei – mijloc și lateral	13420
71	Green area B-dul George Enescu – mijloc și lateral	6100
72	Green area str. Braiera Vâlcii	1800
73	Green area str. Constantin Brâncoveanu	1200
74	Green area Poarta I și II Parc Romanescu	277
Total		525330

The growing number of people (45579 - 1899, 54244-1912), also of the cars pollution in general, needs to improve urban area have become increasingly stringent for a clean environment.

CONCLUSIONS

From the green spaces of Craiova situation presented in the tables above, it appears that the total area of green spaces of Craiova of 2.811.801 m² are occupied by parks 1.84 million m², 375.986 m² of gardens, squares 88.485 m² and 525.330 m² of green areas (Fig. 1).

Table 5

Situation of the Green spaces from Craiova

Nr. crt.	Architecture objective	Area m ²
1	Parks	1840000
2	Gardens	375986
3	Squares	88485
4	Green areas	525330
Total		2811801

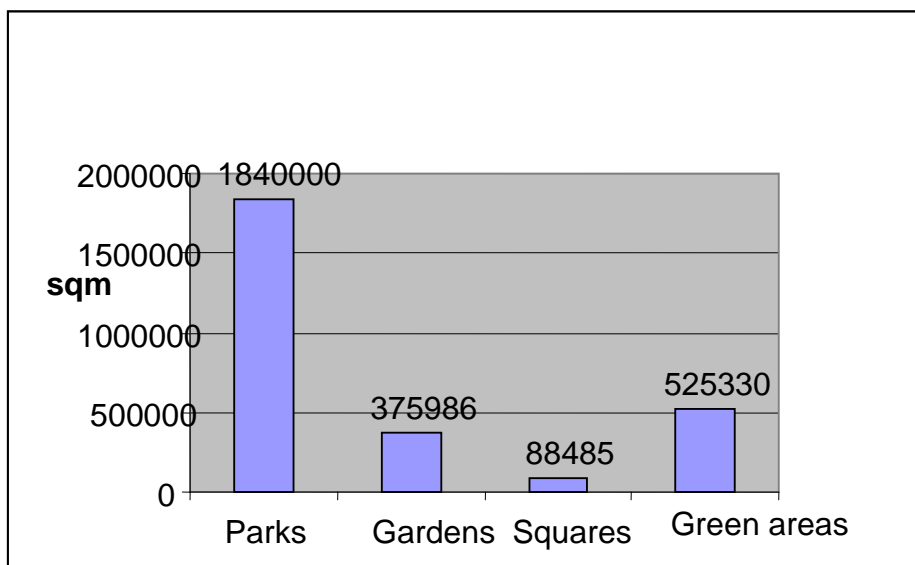


Fig. 1 The total area (sqm) of the parks, gardens, squares and green areas in the city of Craiova

There are 4 Parks in Craiova with a total area of 1.84 million m² of which the largest is Romanescu N. Park with an area of 940.000 m², and the smallest surface is the Hanul Doctorului Park with 160.000 m². It is said that Cornițoiu Park with an area of 200.000 m² of which part was returned to owners and current area it is uncertain (Fig. 2).

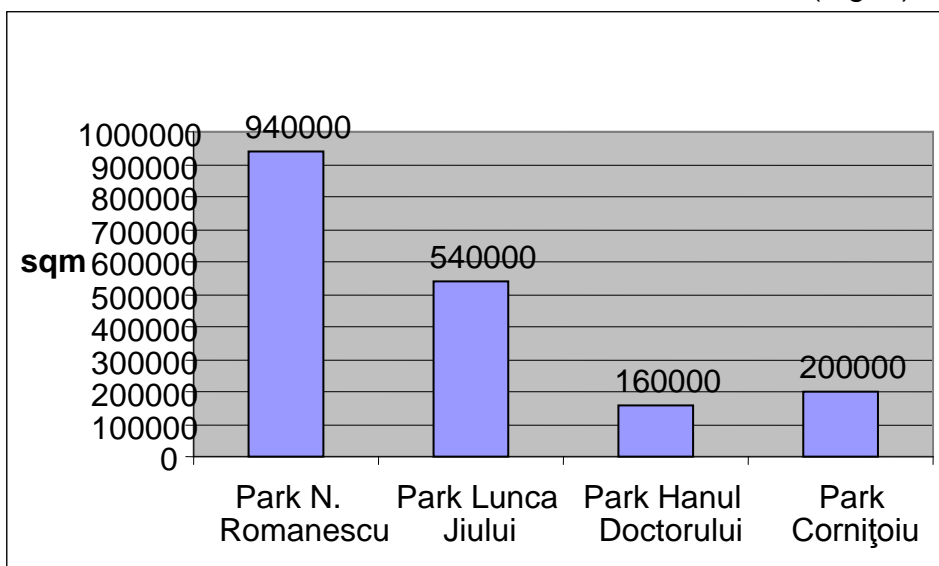


Fig. 2 The total area (sqm) of the parks in the city of Craiova

The gardens from Craiova are 16 with a total area of 357.986 m². Thus the largest botanical garden area extends to 165.550 m², and the smallest garden Bibescu with 2500 m² (Fig. 3).

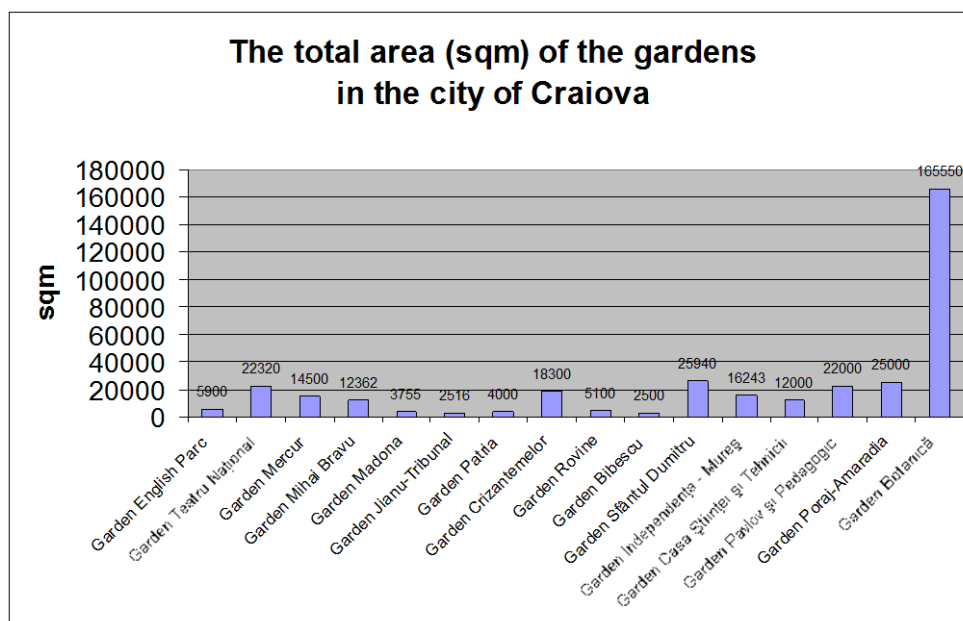


Fig. 3 The total area (sqm) of the gardens in the city of Craiova

Squares are 33 in number and spread over a total area of 88.485 m² of which the largest area is Valea Gangului Consul of 20.000 m² and the smallest square occupies 150 m² Internet squares Calea Bucuresti (Fig. 4).

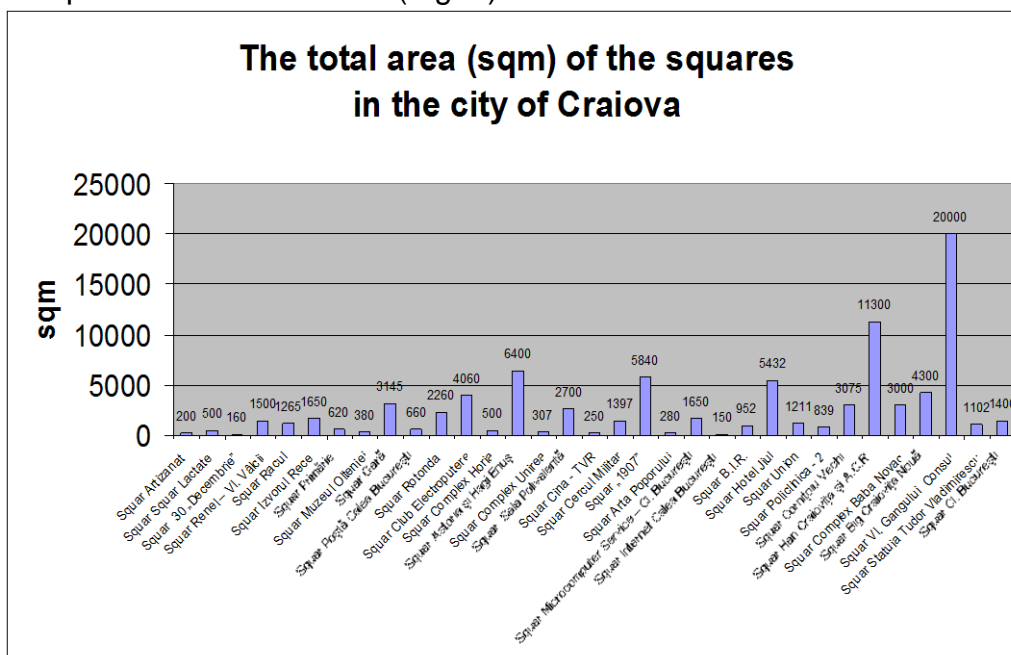


Fig. 4 Total area (sqm) of the squares in the city of Craiova

Green areas occupy a total area of 525.330 m² with large differences between areas, so the largest area occupied by Bulevardul Râului , and the smallest area of 6 m² is occupied by Fantana Artizanală Unirii (Fig. 5).

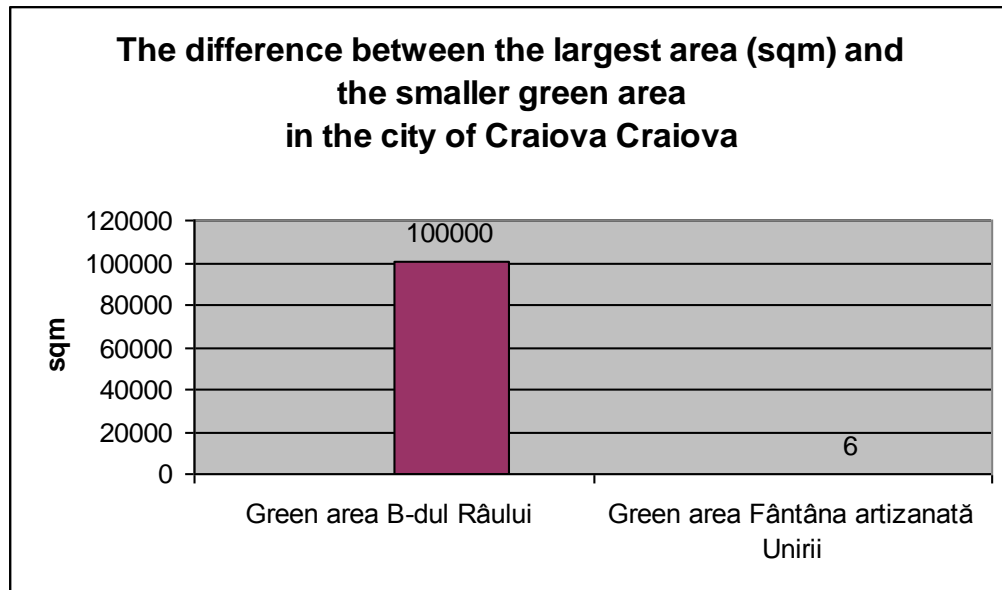


Fig. 5

BIBLIOGRAPHY

1. **Dinică Ciubotea, Ilie Bădescu**, 1999 – *Grădinile și parcurile Craiovei*, Ed. de Sud Craiova
2. **Filofteia Negruțiu**, 1980 - *Spații Verzi*, Editura Didactică și Pedagogică, București,
3. **Iliescu A. F.**, 2003 – *Arhitectură Peisageră*, ed. Ceres, București
4. **Cismaru Gabriela Adina Maria**, 2006 – Lucrare de Licență - *Studiu privind reabilitarea unor zone verzi din Municipiul Craiova – Grădina Botanică „Al. Buia”, Craiova*
5. en.wikipedia.org/wiki/Craiova
6. www.Craiova.ro