



Save Our Earth

Environment Wing CDA



Capital Development Authority

Volume 1, Issue 1

ISLAMABAD THE BEAUTIFUL

Use this space to give a brief summary of your company's products and services

SAVE the EARTH

save the earth ... save the life



Maybe we wonder about the fate of our earth and say ... It's just the land.
but this land is our future, our world ... *Our lives.*
We can change the situation. Only we must move now.

Table of Contents

1	Message of Chairman CDA	2
2	Welcome Address by Editor in Chief Member Environment	3
3	Role of Environment Wing by DG Environment	4
4	Introduction	6
5	Conservation and management of the city. It also caters for the protection and conservation of forests, control of forest fires, afforestation of blank Organisational Chart	8
6	Directorate of Environment East Urban-I	10
7	Directorate of Environment West Urban II & Urban III	12
8	Directorate of Parks	14
9	Directorate of Regional Park Division	16
10	Nursery Division	18

Message of Chairman CDA

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English. Many desktop publishing packages and web page editors now use Lorem Ipsum as their default model text, and a search for 'lorem ipsum' will uncover many web sites still in their infancy. Various versions have evolved over the years, sometimes by accident, sometimes on purpose (injected humour and the like).

Where does it come from?

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at Hampden-Sydney College in Virginia, looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source. Lorem Ipsum comes from sections 1.10.32 and 1.10.33 of "de Finibus Bonorum et Malorum" (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of Lorem Ipsum, "Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.



Maroof Afzal
Chairman

Welcome Address by Editor in Chief Member Environment

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English. Many desktop publishing packages and web page editors now use Lorem Ipsum as their default model text, and a search for 'lorem ipsum' will uncover many web sites still in their infancy. Various versions have evolved over the years, sometimes by accident, sometimes on purpose (injected humour and the like).

Where does it come from?

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at Hampden-Sydney College in Virginia, looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source. Lorem Ipsum comes from sections 1.10.32 and 1.10.33 of "de Finibus Bonorum et Malorum" (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of Lorem Ipsum, "Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.



CDA History

Pakistan's formation, tumultuous and full of turmoil, necessitated the formation of a new national capital. The forging of a new conscious political identity was the foremost reason, along with the fact that the existing, almost de-facto, capital Karachi was already under pressure socially, politically and economically. Karachi was not, in addition, a satisfactory solution from the points of view of climate, tradition and the existing buildings, which were inadequate in number and not quite up to the standards required by a capital.

The layout and structure of the existing port city did not allow it to take on the functions of a modern capital. On the other hand, the influx of refugees intensified the existing problems and created new ones. The solution to these problems was instituting a new capital, which could be planned,

developed and built according to the Government's requirements and prerogatives. The location, after significant research and several reports on various settings for the capital, was chosen adjacent to the garrison city of Rawalpindi. And the city was named Islamabad. Islamabad, Pakistan. The City of Islam, Land of the Pure.

After the government of Pakistan's decision to relocate the capital of the country out of Karachi, an executive order was issued, setting into motion the creation of an organization essentially to oversee the planning and maintenance of Islamabad. The executive order, titled the Pakistan Capital Regulation was first passed on June 14, later to be superseded by the CDA Ordinance, issued on June 27, 1960. This ordinance laid down the charter of the fledgling organization, chaired by the then

President, General Muhammad Ayub Khan, defined its jurisdiction, powers duties, functions and responsibilities.

During the early stages of the formation and development of the CDA, a Chairman, a Financial Advisor and a Board Member were handed the realm. The Commissioner of Rawalpindi was assigned an ex-officio Membership, for collaborative purposes. Since then, as the Authority has matured and grown along with the capital, several extra responsibilities have been added, including increasing its fold and control over municipal issues. Also, the organizational structure has undergone revamping to now comprises of Six Board Members, one each for Planning, Finance, Administration, Estate, Environment and Engineering, and the Chairman.

At this point, the CDA is responsible for coordinating all endeavors for the development of the whole of the capital region so that the unity of purpose is ensured at all times. Within Islamabad area, the CDA is not only the planning and coordinating Authority but also the executive Authority.

With the putting into action of Islamabad, the original master plan, devised by an international architecture firm, Doxiadis Associates, had provided only a broad outline or framework for the new capital. The actual implementation of the plan with all its intricate and complex nuances was made possible by the dedication, professionalism, expertise and tireless efforts of all the members of the CDA whose pioneering spirit has made the CDA a model town-planning organization.





Sanaullah Aman, (BS-20), having over 35 years of diversified domestic & International experience in Project Management, Construction Management, Financial Management, Bulk Water Management, Environment Development, Design Management, Civic Management, Sports & Culture Development and Urban Planning.

He is basically a Civil Engineer and have done BE Civil Engineering (with honors) from Engineering College, Peshawar in 1980. He completed his MBA (Finance) in 1992. In 1995, he did LLB (Bachelors of Law) from Punjab University. Currently, he is doing M.Phil in Management Sciences. He has also done courses specifically focused on Project Management, Construction Management, Financial Management, and Civic Management.

He is member of American Society of Civil Engineering, British Institute of Management and Pakistan Engineering Council.

He is a Professional Trainer and conducting around 30 training courses on various important subjects. He remained Member Engineering twice and now working as Member Environment. He is also working as Executive Director General, CDA Training Academy and remained D.G (Water Management), Dy. D.G (Works) and Dy.D.G (Sports & Culture).



Sanaullah Aman

Member Environment



Environment Wing

The major functions of environment wing include protection, areas and development of the entire viewpoints and their maintenance.

Environment Wing CDA is responsible for the development, beautification and maintenance works related to horticulture and forestry as well as conservation of the natural landscape of the city. Headed by the Member Environment under the Chairman CDA the team includes DG Environment,

DDG Environment, Directors, Deputy Directors, Assistant Directors, Horticulture Officers, and Range Officers

Environment wing CDA is divided into different number

Urban I area falling east to Faisal mosque including the with others as supervisory staff and field staff.

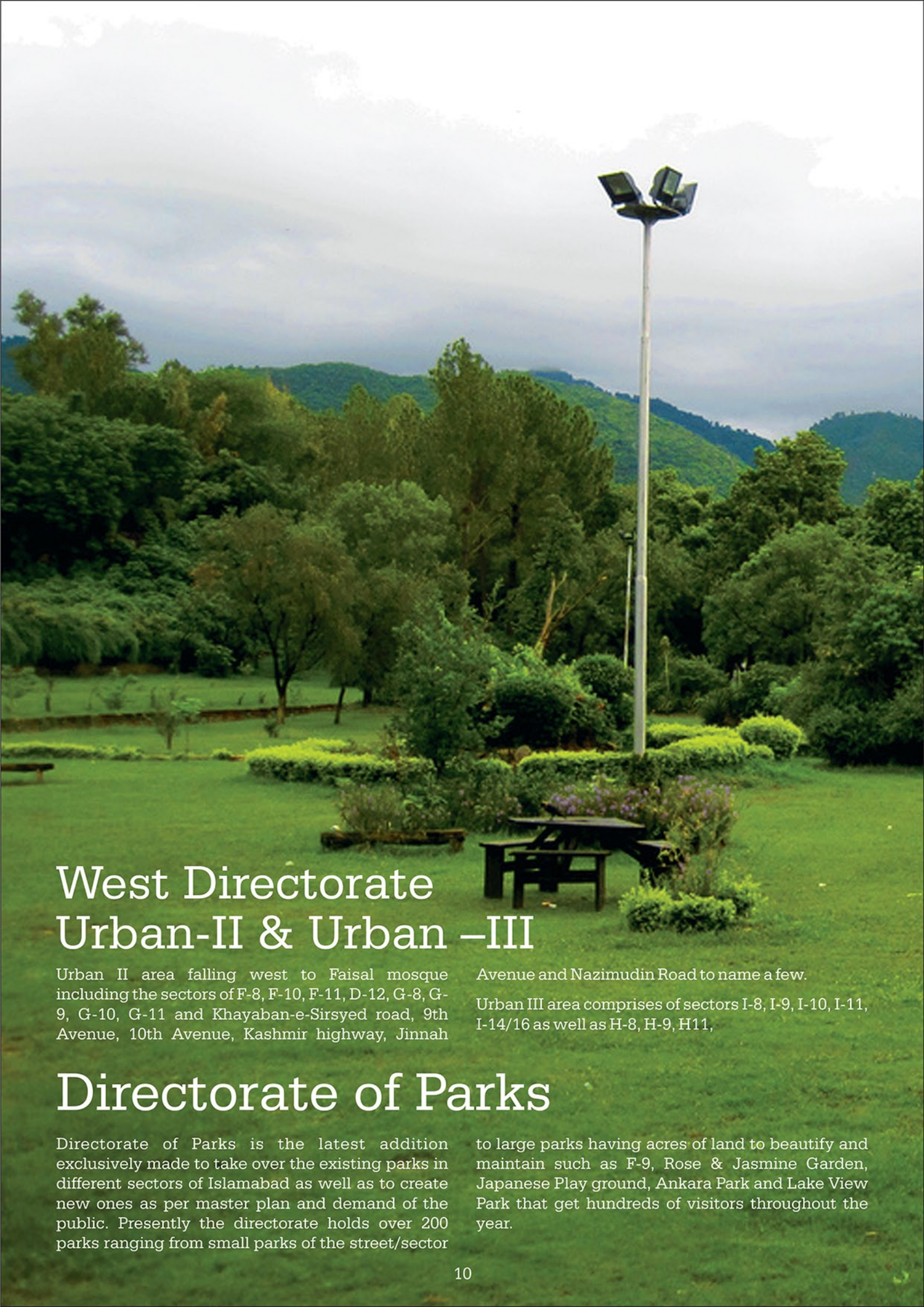


Directorates of Environment Wing

Directorates for a better control and command on the vast urban and rural areas of Islamabad.

East Directorate Urban – I

sectors of E-7, F-7, G-7, F-6, G-6, F-5, G-5 and Administrative block holding government building and diplomatic enclave. The sectors and road sides as well as avenues including Constitution Avenue, Khayabn-e-Sirsyed, Faisal Avenue, Jinnah Avenue, 7th Avenue and Fazl-e-Haq road are some of the major ones falling in the said areas are beautified and maintained through horticultural works.



West Directorate Urban-II & Urban –III

Urban II area falling west to Faisal mosque including the sectors of F-8, F-10, F-11, D-12, G-8, G-9, G-10, G-11 and Khayaban-e-Sirsyed road, 9th Avenue, 10th Avenue, Kashmir highway, Jinnah

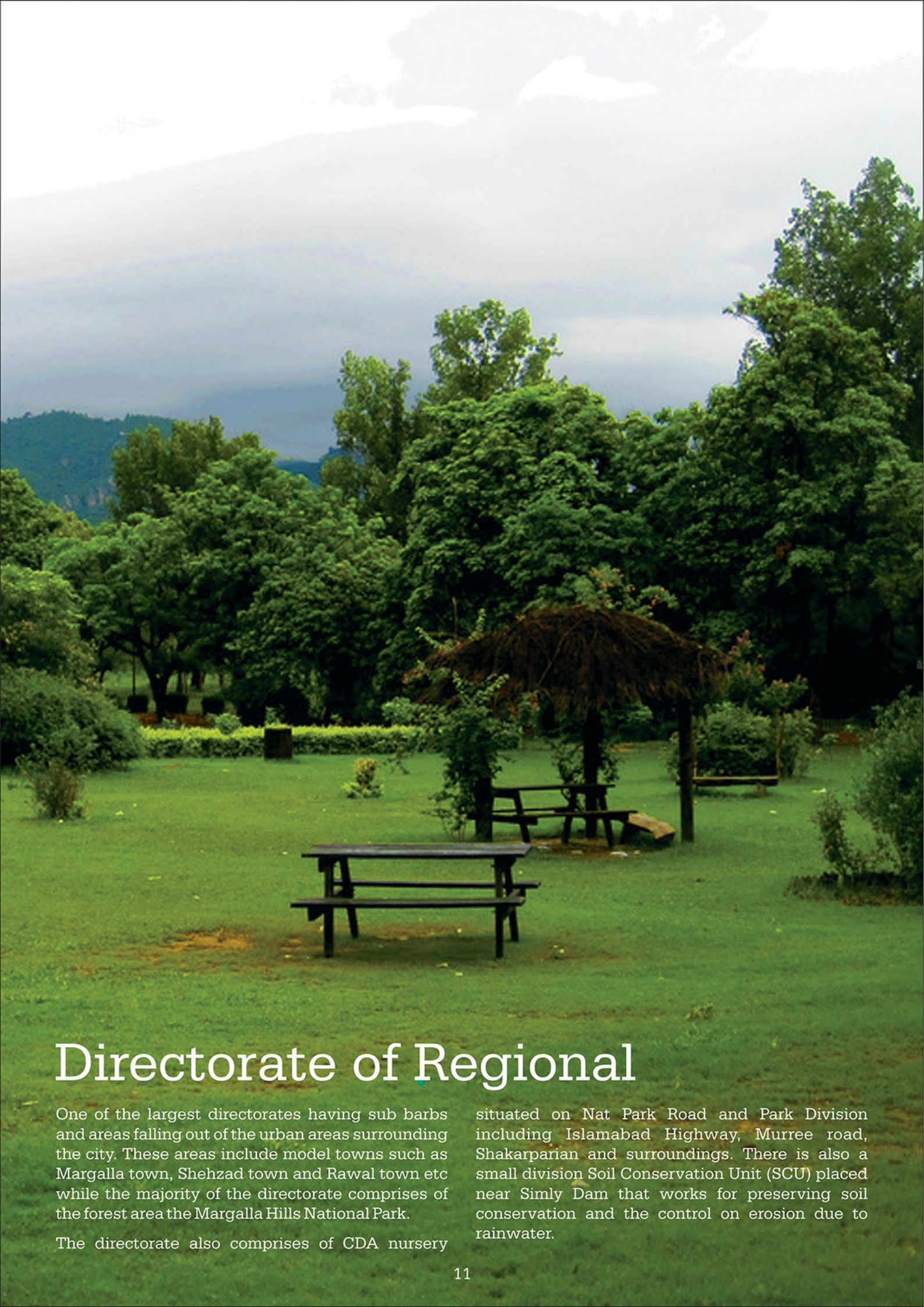
Avenue and Nazimudin Road to name a few.

Urban III area comprises of sectors I-8, I-9, I-10, I-11, I-14/16 as well as H-8, H-9, H11,

Directorate of Parks

Directorate of Parks is the latest addition exclusively made to take over the existing parks in different sectors of Islamabad as well as to create new ones as per master plan and demand of the public. Presently the directorate holds over 200 parks ranging from small parks of the street/sector

to large parks having acres of land to beautify and maintain such as F-9, Rose & Jasmine Garden, Japanese Play ground, Ankara Park and Lake View Park that get hundreds of visitors throughout the year.



Directorate of Regional

One of the largest directorates having sub bars and areas falling out of the urban areas surrounding the city. These areas include model towns such as Margalla town, Shehzad town and Rawal town etc while the majority of the directorate comprises of the forest area the Margalla Hills National Park.

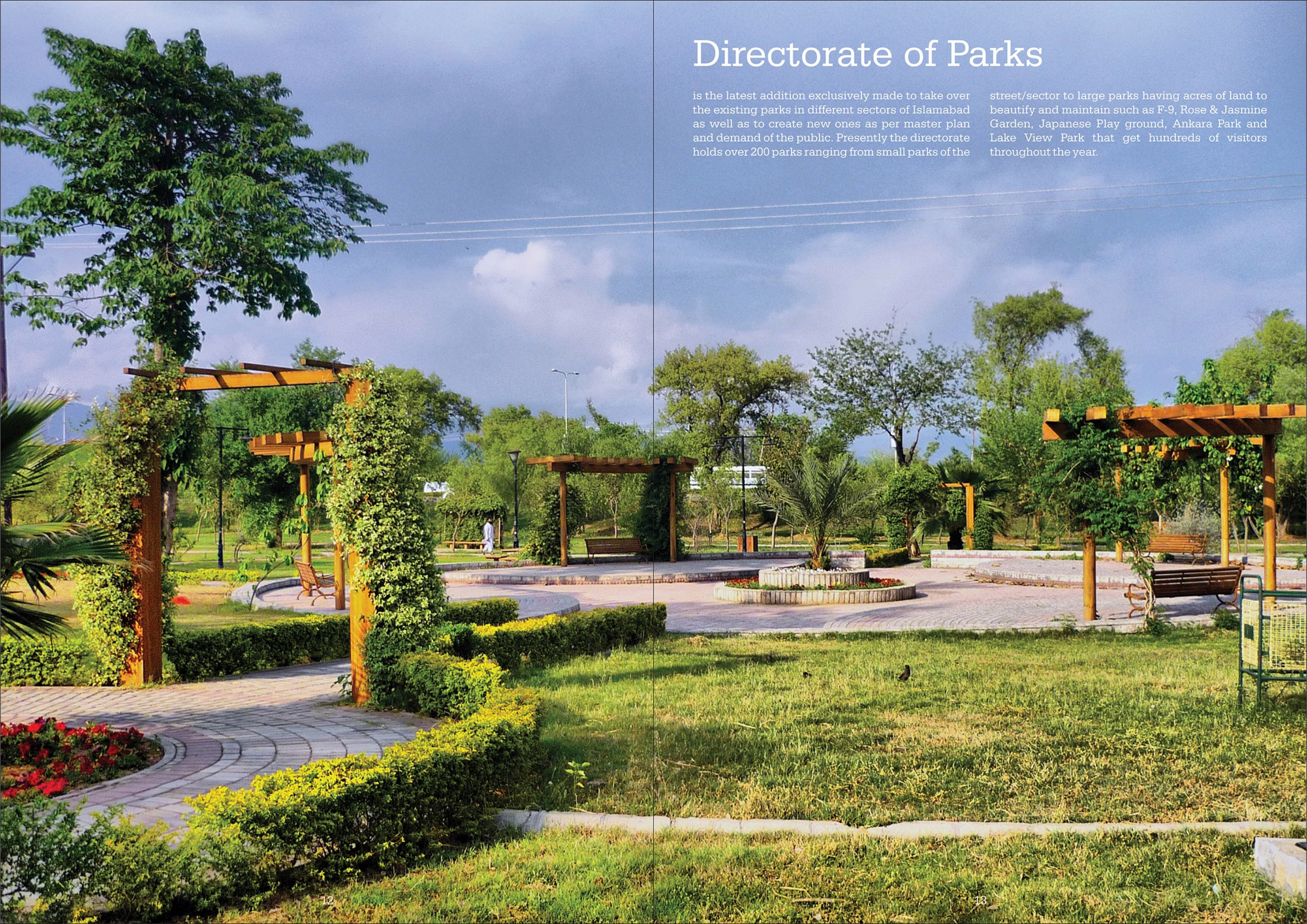
The directorate also comprises of CDA nursery

situated on Nat Park Road and Park Division including Islamabad Highway, Murree road, Shakarparian and surroundings. There is also a small division Soil Conservation Unit (SCU) placed near Simly Dam that works for preserving soil conservation and the control on erosion due to rainwater.

Directorate of Parks

is the latest addition exclusively made to take over the existing parks in different sectors of Islamabad as well as to create new ones as per master plan and demand of the public. Presently the directorate holds over 200 parks ranging from small parks of the

street/sector to large parks having acres of land to beautify and maintain such as F-9, Rose & Jasmine Garden, Japanese Play ground, Ankara Park and Lake View Park that get hundreds of visitors throughout the year.



Directorate of Regional

One of the largest directorates having sub bars and areas falling out of the urban areas surrounding the city. These areas include model towns such as Margalla town, Shehzad town and Rawal town etc while the majority of the directorate comprises of the forest area the Margalla Hills National Park.

The directorate also comprises of CDA nursery

situated on Nat Park Road and Park Division including Islamabad Highway, Murree road, Shakarparian and surroundings. There is also a small division Soil Conservation Unit (SCU) placed near Simly Dam that works for preserving soil conservation and the control on erosion due to rainwater.



Environment Wing Initiative

Spring Tree Plantation Campaign 2016 organized by Environment Wing CDA in collaboration with Citizens, Students, NGOs, Traders and Educational Institutions is scheduled on 7th March in Fatima Jinnah Park F-9, in Islamabad.

Trees and shrubs play major role in improving the urban landscape and help protect the city environment. Trees and shrubs meet different needs for food, shelter, energy and aesthetic in the city. Urban with manipulation and design of space in urban development and land management for

people or wildlife leads to the creation of stimulus environment.

Trees growing in their natural environment survive without our help but trees grown near building or roads need skilful selection of species and good care to make them worth and safe for the life and property. The selection of trees and shrubs species for suburban (Margalla Hills) and woodlands and forest areas beyond the city offer respite if only for while, from the pressure of the daily life. The skilful choice of trees and shrubs together.

Urban (Islamabad city) Areas essentially depend on the objectives of tree and shrub plantation plan as under:

MARGALLAH HILLS

Margallah Hills in Islamabad have been declared as National Park since 1980 to conserve the existing flora and fauna. The selection of trees and shrubs

species for plantation in Margallah Hills is limited to natural trees and plants species including:

- o Chir Pine (*Pinus roxburghii*)
- o Olive (*Olea ferruginea*)
- o Phulai (*Acacia modesta*)
- o Celtis (*Celtis asustralis*)
- o Snatha (*Donoea viscose*)

Major local flowering trees and shrubs of Margallah include:

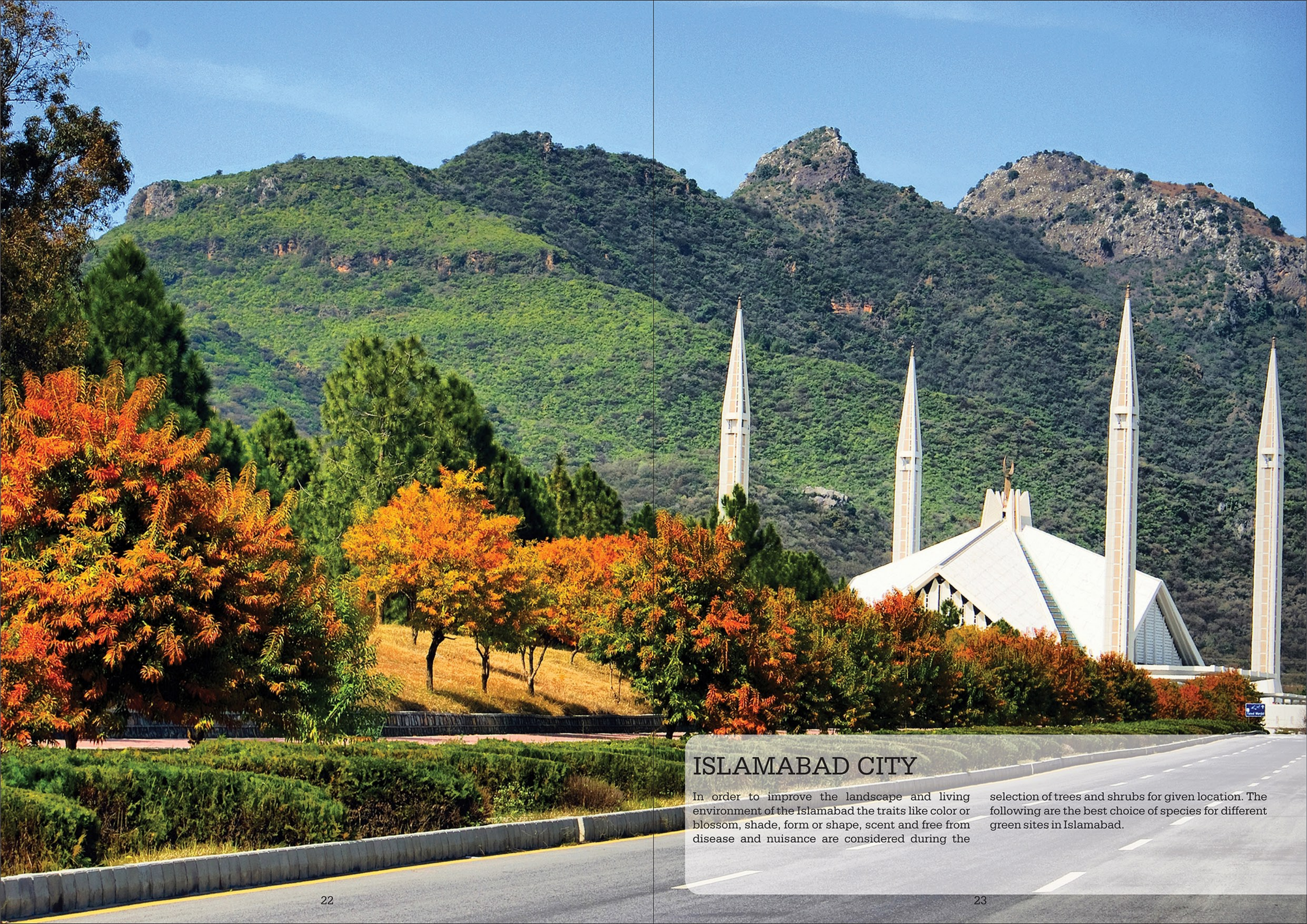
- ◆ Dhak (*Butea frondosa*)
- ◆ Anar (*Punicum grantum*)
- ◆ Pear ((*Pyrus pasha*)
- ◆ Kachnar (*Bauhinia variegata*)
- ◆ Amaltas (*Casia fistula*)
- ◆ Woodfordia (*Woodfordia fruticosa*)
- ◆ Jasmine (*Jasminum humile*)
- ◆ Holmskioldia (*Holmskioldia sanguine*)





WHY PLANT TREES?

- Trees produce Oxygen
- Trees clean the air
- Trees control noise pollution
- Trees slow storm water runoff
- Trees act as windbreaks
- Trees increase property value
- Trees enhance beauty
- Trees provide habitat to wildlife
- Trees provide shade
- Trees provide Fruits



ISLAMABAD CITY

In order to improve the landscape and living environment of the Islamabad the traits like color or blossom, shade, form or shape, scent and free from disease and nuisance are considered during the

selection of trees and shrubs for given location. The following are the best choice of species for different green sites in Islamabad.

- ◆ **Greenbelts - Trees:** Siris (Albizia lebbek,) Jacaranda (Jacaranda mimosifolia), Sapium chinensis), Kachna (Buahinia variegata), Amatas (Casia fistula), Gul Nishter (Erithrina indica), Silver Oak (Grevilea robusta) Arjun, Ficus Pelicon (Ficus pelican), Sukh Chain, Dhak (Butea frondosa), Pear (Pyrus pasha), Plum Peaches (Prunus padus) Shrubs: Tecoma stans, Holmskiodia.
- ◆ **Median Strips - Trees:** -Gab, Alstonia, Amaltas, Kachnar, Largestromia, Stercolia, Brochicotton, Citrus, Washingtonia Palms
- ◆ **Shrubs:** - Ficus hawi, Bougainvillea, Casia glauca, Plambago, Hypericum, Hamelia pattens, Jatropha, Erithrina blacki, Hibiscus, Psuedonia, Silvery, Duranta, Roses.
- ◆ **Avenues** - Chir pine, Jacoranda, Almltas, Kachnar, Fiddle wood, Kanak champa
- ◆ **Streets** - Celtis, Arjun, Silver Oaks, Ficus Pelicon
- ◆ **Parks/Playfields** - Ficus pelican, Sukh chain, Michelia, Hibisucs, Fics Green, Ficus hawi
- ◆ **Parking Areas** - Bakain, Sukh Chain, Ficus Retusa, Bischofia
- ◆ **Nullahs** - Salix, Poplar, Jaman, Arjun
- ◆ **House Fronts** - Alstonia, Plumaria Obtusa, Magnolia, Ponsitea, Ashok, Peaches, Moraya, Palms
- ◆ **Grills/Walls** - Chlorodendron, Bougainvillea, Honey Suckle, Rangoon creeper, Bomentia, Tecoma grandi flora.
- ◆ **Rockeries** - Phoenix, Yucca, Agave, Asparagus, Cactus, Begonia, Juniper, Ruselia, Duranta, Iresine.
- ◆ **Indoor** - Aglaonema, Aucuba, Beaucarnea, Cladium, Coleus, Cycas, Dracaena, Dieffenbachia, Ficus benjmina, Pilea, Schefflera.

PRAYER OF TREE

“

I am the heat of your hearth on the cold winter nights. The friendly shade screening you from the summer sun, and my fruits are refreshing draughts quenching your thirst as you tourney on". " I am the beam that holds your house. The boras of your table. The bed on which you lie, and the timber that builds your boat". " I am the handle of your hoe, the door of your homestead, the wood of your cradle, and the shell of your coffin". "I am the bread of kindness and the flower of beauty". "Ye who pass by listen to my prayer; "Harm me not

”