

Importance of Urban Green Spaces

* Required

Preface

Dear Participants,

Thank you so much for your cooperation during this survey.

I am Nguyen Trong Can, currently a Ph.D. student in Environmental Technology at King Mongkut's University of Technology Thonburi (KMUTT), Thailand.

I am doing my graduation thesis related to Urban Green Spaces in Bangkok. This study aims to evaluate social awareness, demands about Green Spaces of urban residents. We also would like to know how Urban Green Spaces provide diverse benefits.

This survey has four sections: (1) Urban green spaces Use, (2) Benefits of Urban green spaces, (3) Challenges of Urban green spaces, and (4) Demographic Information. The survey will not take longer 10 minutes of your time. I declare that all the data collected through this survey will remain confidential and will be used for research purposes only. The responses are based on your experiences where there are no right or wrong answers.

If you require additional information, please contact me at the number and email address listed below.

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Yours sincerely.



Urban Green Space Use

1. Which Urban Green Space Types do you think it is important? *

Mark only one oval per row.

	Absolutely Not Important	Quite Not Important	Neutral	Quite Important	Very Important
Public park	☐	☐	☐	☐	☐
Street Tree	☐	☐	☐	☐	☐
Tree in residential area	☐	☐	☐	☐	☐
Private garden	☐	☐	☐	☐	☐
Roof-top garden	☐	☐	☐	☐	☐
Tree in Designated recreation site (zoo, amusement park)	☐	☐	☐	☐	☐
Agricultural plants (Fruit tree, vegetables)	☐	☐	☐	☐	☐
Wild vegetation (wetland along riverbank, overgrowth plant, grass filed)	☐	☐	☐	☐	☐

2. Do you live far away from a public park? *

Mark only one oval.

- ☐ Within 200 metters
☐ 200 - 500 metters
☐ 500 metters - 1 km
☐ 1 - 2 km
☐ 2-5 km
☐ 5 km further

3. Do you often go to a public park? *

Mark only one oval.

- ☐ Nearly everyday
☐ 1-2 times/ Week
☐ 1-2 times/ Month
☐ Sometimes (Every few months)
☐ Rarely (1-2 times/ Year)
☐ Never

4. How do you often go to the park? *

Mark only one oval.

- ☐ Walking
- ☐ Bicycle
- ☐ Motorbike
- ☐ Bus
- ☐ MRT/BTS
- ☐ Car

5. What do you often do in the park? *

Check all that apply.

- ☐ Jogging, running
- ☐ Doing exercises by tools/ machines
- ☐ Walking with pets
- ☐ Sightseeing, taking rest without purposes
- ☐ Talking with friends
- ☐ Meeting new friends

6. How long do you spend in the park per time? *

Mark only one oval.

- ☐ Less than 15 minutes
- ☐ 15-30 minutes
- ☐ 30-45 minutes
- ☐ 45-60 minutes
- ☐ Longer than 1 hour

Benefits of Urban Green Spaces

7. What do you think about, Urban green space: *

Mark only one oval per row.

	Absolutely Disagreed	Disagreed	Agreed	Very Agreed	Absolutely Agreed
provides food (fruit, wild vegetable, honey)	☐	☐	☐	☐	☐
provides wood	☐	☐	☐	☐	☐
provides herbs for traditional medicine	☐	☐	☐	☐	☐
helps to reduce temperature	☐	☐	☐	☐	☐
reduces air pollution (PM2.5, dust)	☐	☐	☐	☐	☐
reduces noise	☐	☐	☐	☐	☐
absorbs carbon dioxide (CO2)	☐	☐	☐	☐	☐
reduces urban flooding	☐	☐	☐	☐	☐
reduces land erosion and improves groundwater	☐	☐	☐	☐	☐
reduces wind speed during storm	☐	☐	☐	☐	☐
reduce respiratory diseases (cough, allergic rhinitis, pneumonia)	☐	☐	☐	☐	☐
a place for outdoor activities to improve health (walking, exercises)	☐	☐	☐	☐	☐
keeps and remains cultural values (historical construction, statue)	☐	☐	☐	☐	☐
makes the city more beautiful	☐	☐	☐	☐	☐
is a good place to introduce children to nature	☐	☐	☐	☐	☐
is place for social activities (talk with others, meeting)	☐	☐	☐	☐	☐
is a good place to release stress, city life pressures	☐	☐	☐	☐	☐
is place for wildlife (birds, squirrel, small animals)	☐	☐	☐	☐	☐
is place for with different tree species	☐	☐	☐	☐	☐

8. What do you not like about the park? *

Mark only one oval per row.

	Absolutely Disagreed	Quite Disagreed	Agreed	Very Agreed	Absolutely Agreed
is not clean (litter, bad management)	☐	☐	☐	☐	☐
is often too crowded	☐	☐	☐	☐	☐
is not enough exercise machine, I have to wait and share with others	☐	☐	☐	☐	☐
is where wild animals in green spaces annoy us	☐	☐	☐	☐	☐
too many street vendors	☐	☐	☐	☐	☐
is unsafe (social evils: theft, pickpocket, robber)	☐	☐	☐	☐	☐
is where tree root can damage constructions	☐	☐	☐	☐	☐
is where we could be in danger due to tree falling, bee sting or other insects	☐	☐	☐	☐	☐

Challenges of Urban green space

9. Do you think urban park faces any difficulties? *

Mark only one oval.

- ☐ No, vegetation can develop itself
- ☐ No, it is always under management
- ☐ Yes, because of urbanization and urban pollution
- ☐ Yes, because of climate change (high temperature, frequent storm)
- ☐ Yes, because of combination of urbanization and climate change

10. Under urbanization and climate change (hotter weather), How should urban green space need? *

Mark only one oval.

- ☐ Decrease area for residential areas
- ☐ Maintain the current areas
- ☐ Increase area, find an available area for planting new green spaces
- ☐ Optimal area by maintaining the current area and increase green infrastructures (green roof, green wall)

11. Only imagine, How much can you contribute to maintain and develop urban green space? *

Mark only one oval.

- ☐ Under 20 ₺
- ☐ 20 - 50 ₺
- ☐ 50 - 100 ₺
- ☐ 100 - 200 ₺
- ☐ 200 - 500 ₺
- ☐ 500 - 1.000 ₺
- ☐ More than 1,000 ₺
- ☐ I am not willing to contribute

12. If you are not willing to contribute, please specify the reason?

Mark only one oval.

- ☐ I am willing to pay but I cannot
- ☐ It is included in my yearly income tax or other contributions
- ☐ It belongs to government responsibility
- ☐ I do not believe that my contribution will come directly to the right place
- ☐ I do not use it much
- ☐ I do not care
- ☐ I only want to use it

13. If buying a new house, are you willing to pay a higher cost compared to standard because of a nearby public park? *

Mark only one oval.

- ☐ Yes, sure
- ☐ Yes, but not much
- ☐ Maybe, I will consider with other factors
- ☐ No

Respondent's Information

14. You are ... *

Mark only one oval.

- ☐ Male
- ☐ Female
- ☐ Others

15. Your age range is: *

Mark only one oval.

- ☐ Under 18 years old
- ☐ 18-25
- ☐ 25-35
- ☐ 35-45
- ☐ 45-65
- ☐ Over 65 years old

16. Your highest education is: *

Mark only one oval.

- ☐ illiteracy
- ☐ Primary
- ☐ Secondary
- ☐ Highschool
- ☐ Higher education (Diploma, College, University)

17. What is your occupation? *

Mark only one oval.

- ☐ Student/ University student
- ☐ Officer
- ☐ Private business
- ☐ Small business (small trade)
- ☐ Unskilled labor/regular labor
- ☐ idle labor/retired

18. How much do you earn per month?

Mark only one oval.

- ☐ Have no income
- ☐ Under 6,500 ₪
- ☐ 6,500 - 12,500 ₪
- ☐ 12,500 - 18,500 ₪
- ☐ 18,500 - 25,000 ₪
- ☐ 25,000 - 35,000 ₪
- ☐ 35,000 - 50,000 ₪
- ☐ Over 50,000 ₪

The end of the survey. Thank you so much!

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