

Effects of urban green spaces characteristics on human wellbeing - understanding human-nature relationship, case of Nagpur city (Questionnaire Survey)

Before answering the survey questions, please read the consent form.

Section 1: Interaction with Urban Green Spaces (UGSs)

1.1.a. Do you visit UGSs of the city?

- ☐ Yes
- ☐ No

1.1.b. Why don't you visit UGSs?

- ☐ I don't like spending time in UGSs.
- ☐ It is difficult for me to access UGSs, they are far.
- ☐ I don't have time to get out into UGSs.
- ☐ I don't feel safe in UGSs.
- ☐ I don't feel the need to visit UGSs.

1.1.c. Were you visiting UGSs in past?

- ☐ Yes
- ☐ No

1.1.d. Why you stopped using it, any specific reason?

1.2. UGSs Visitation

1.2.a. Option Number *take max. three

1.2.b. Which UGSs do you visit? *Select one based on the frequency of visits: Ref: Big greens: Seminary hills, Amabazari garden, Telankhedi garden, Gorewada etc; Big lakes: Gorewada, Telenkhedi, Amabazari, Shukrawari Talav, Futala, Sonegaon; Institutionla greens: Greens attached to the University campuses; Green routes: Walkways along the green routes)

- ☐ Neighbourhood Park
- ☐ Community Park
- ☐ Playground
- ☐ Big city greens
- ☐ Big lakes
- ☐ Institutional greens
- ☐ Green corridors
- ☐ Peri-urban areas
- ☐ Others

1.2.c. How many visits do you give to these UGSs to experience nature?

- ☐ Every day
- ☐ At least 2-3 times a week
- ☐ At least once a week
- ☐ At least once a fortnight
- ☐ At least once a month
- ☐ At least 2-3 times a year
- ☐ At least once a year

1.2.d. What do you typically do there when you visit? Select only the once applicable

- ☐ Play sports and games
- ☐ Sit and relax, read something, be peaceful and enjoy the greenery
- ☐ Socialize with others, catch-up or gossip
- ☐ Bring the kids to play
- ☐ View wildlife and be in quiet natural areas
- ☐ Walk, run, exercise, jog or yoga
- ☐ Walk the dog
- ☐ Other

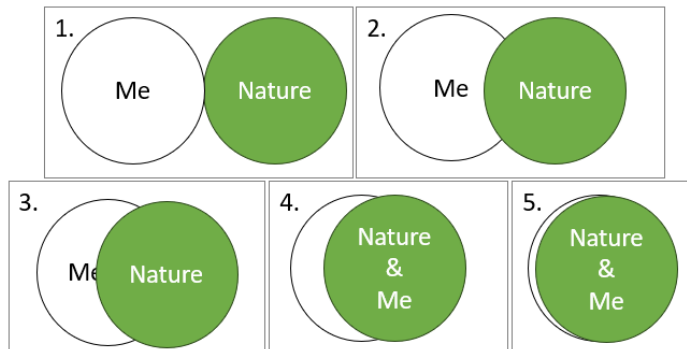
1.2.e. Geopoint of \$(Option no)

1.2.f. What do you experience in these UGSs? Select only the once applicable

- ☐ Aesthetic/Scenic (ex., places visually attractive)
- ☐ Activity/Physical Exercise (ex., places provide opportunities for physical activity)
- ☐ Native plants and Animals (ex., places which protect the native plants and animals)
- ☐ Nature (ex., places to experience the nature)
- ☐ Cultural Significance (ex., opportunities to express and appreciate culture and religious practices)
- ☐ Health/Therapeutic (ex., places for mental or physical restoration)
- ☐ Social Interaction (ex., opportunities to interact with other people)
- ☐ Unpleasant (ex., unappealing, crowded, noisy, unclean, unsafe)

Section2: Assigned Value

2.1. Please select one picture from below that best describes your relationship with your city's nature. Answer spontaneously with what first comes to your mind; the Grey circle is you, and green is the city's nature) - generally not specific to UGSs



2.2. We'd like to know how you relate to the city's greenery. Select any three statements you strongly feel are important about urban nature.

- | | |
|--|--|
| <ul style="list-style-type: none"> ○ I appreciate the cities greenery for the sights, smells, sounds, etc. and feel attached to them. ○ The city greens in Nagpur are fundamentally essential; they are the lungs of the city. ○ Greenery needs to be protected at all costs and prioritized over other infrastructures. ○ The trees, plants and shrubs give the materials needed for our subsistence. ○ For me, urban nature is a place for leisure and fun. | <ul style="list-style-type: none"> ○ Nature experiences contribute to my physical and mental well-being. ○ Nature inspires me to be creative and allows me to build strong connections with society and culture. ○ I consider experiences of nature as important to my sense of who I am. ○ I feel a connection to something bigger than myself through experiences in nature. |
|--|--|

2.3. Best place in the city to experience nature (Geo-point) * It is not necessary that you visit that place regular

Section 3: Human Nature Connection

3.1. Please select the statements with which you agree from the following statements:

- I find joy and fulfilment when I am in nature.
- I look forward to opportunities to be in nature as much as possible.
- I find the UGSs provide an ideal setting for engaging in activities I prefer.
- I feel uneasy when I do not visit UGSs.
- I feel completely at home when surrounded by nature.
- I feel a strong connection and resonance with nature.
- I consider myself as a nature lover.
- I am someone who is deeply committed to taking care of nature.
- I feel nature helps me deal with everyday stress.
- I consider nature as a source of recreation.
- I perceive nature as something that holds a "spiritual" significance for me.
- I consider a harmonious relationship with nature is essential for my well-being.
- I think trees, plants, and vegetation are valuable, as a source of food, fiber, and medicine, livelihood and income.
- I believe compromising some natural places is okay if the city needs to have good infrastructure, which is needed for the well-being of urban dwellers.
- I think we need urban forests to regulate the urban environment and reduce the impact of climate change.

Section 4: Pro-environmental Behaviors (Past or Intended)

4.1. Have you participated in any environmental activity?

- ☐ Yes
 ☐ No

4.2. Have you participated in any of these activities? Please select the one applicable.

- | | |
|---|--|
| <input type="radio"/> I volunteered for environmental activities, such as tree planting or clean-up drives. | <input type="radio"/> I have donated money to support environmental causes. |
| <input type="radio"/> I support environmental issues and participate in environmental campaigns. | <input type="radio"/> I participated in the public parks and gardens clean up litter drives. |
| <input type="radio"/> I engaged in planting native trees and plants. | |

4.3. You have any intention to participate in any of these activities if the opportunity arrives?

- ☐ Yes
 ☐ No

4.4. Select the once in which you intend to participate.

- | | |
|---|--|
| <input type="radio"/> I will volunteer for environmental activities, such as tree planting or clean-up drives. | <input type="radio"/> I will engage in planting native trees and plants. |
| <input type="radio"/> I will support for environmental causes, and will participate in environmental campaigns. | <input type="radio"/> I am willing to donate money to support environmental causes. |
| | <input type="radio"/> I will participate in the public parks and gardens clean up litter drives. |

Section 5: Socio-demographic information

5.1. What is your gender?

- | | |
|------------------------------|-----------------------------|
| <input type="radio"/> Male | <input type="radio"/> Other |
| <input type="radio"/> Female | <input type="radio"/> |

5.2. What is your age?

- | | | |
|-----------------------------|-----------------------------|-------------------------------|
| <input type="radio"/> 18-29 | <input type="radio"/> 40-49 | <input type="radio"/> Over 60 |
| <input type="radio"/> 30-39 | <input type="radio"/> 50-59 | |

5.3. Your residence area (Geo-point)

5.4. Where would you place yourself along the socio-economic class?

- | | |
|--|--|
| <input type="radio"/> Upper (I) | <input type="radio"/> Upper lower (IV) |
| <input type="radio"/> Upper middle (II) | <input type="radio"/> Lower (V) |
| <input type="radio"/> Lower middle (III) | |

5.5. What is your level of education?

- | | |
|--------------------------------------|--|
| <input type="radio"/> Illiterate | <input type="radio"/> Vocational / Diploma |
| <input type="radio"/> Primary school | <input type="radio"/> Graduate |
| <input type="radio"/> Middle school | <input type="radio"/> Professional degree |
| <input type="radio"/> High school | |

5.6. What is your work status?

- | | |
|--------------------------------|----------------------------------|
| <input type="radio"/> Studying | <input type="radio"/> Unemployed |
| <input type="radio"/> Working | <input type="radio"/> Retired |

5.7. What is your association with the city?

- | | |
|---|---|
| <input type="radio"/> Born and I live here | <input type="radio"/> Born outside, but I live here |
| <input type="radio"/> Born here, and I live outside | |

Thank you for your time and kind attention