Let’s start with the **Section 1: Thermal sensation survey**

We experiences the surrounding thermal environmental conditions differently. In this section, we want to understand your perception of how you experience thermal sensation, preferences, comfort level, and acceptability.

1. How do you feel about the current temperature?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Cold -3 | Cool -2 | Slightly cool -1 | Neutral 0 | Slightly warm 1 | Warm 2 | Hot 3 |

1. How do you feel about the wind now?

No wind – Little wind – Neutral – Windy – Too much wind

1. How do you feel about the humidity now?

Very dry – Dry – Neutral – Humid – Very Humid

1. How are you feeling now about the sunlight?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Too dark -3 | dark -2 | Slightly dark -1 | Neutral 0 | Slightly bright 1 | Bright  2 | Too bright 3 |

1. For the current spot you are at now, would you like it to be…?

11 Brighter 12 No change 13 Darker

1. For the current spot you are at now, would you like it to be…?

11 More in the shade 12 No change 13 Less in the shade

1. For the current spot you are at now, would you like it to be…?

11 More humid 12 No change 13 Less humid

1. For the current spot you are at now, would you like it to be…?

11 More windy 12 No change 13 Less windy

1. Right now, how do you feel overall?

10 Comfortable 11 Slightly uncomfortable 12 Uncomfortable 13 Very Uncomfortable 14 Extremely comfortable

1. What is your personal judgment of this thermal environment?

-Absolutely unacceptable

-Unacceptable

-Acceptable

-Absolutely acceptable

**Section 2: Thermal adaptation**

This section will ask for detailed information on your activities and the adaptation that you will choose to address your thermal comfort.

1. What is your activity in the past 15 minutes?

- Low intensity physical activity (e.g. walking for 15 minutes)

-Medium intensity physical activity (e.g. jogging)

-High-intensity physical activity (e.g. gym or running)

-Sedentary activity (e.g. studying or office working) with air conditioning / heater

-Sedentary activity (e.g. studying or office working) without air conditioning /heater

-Travelling with air conditioning / heater

-Travelling without air conditioning /heater

-Others (open answer): \_\_\_\_\_\_\_\_

1. In your opinion, to what is the cause of the temperature you felt now? (Only one answer)

\_\_\_\_\_\_\_\_

1. **Winter survey:**
2. What would you do to relieve your thermal sensation? (Multiple choice) - **Winter**

- Drink warm water or other warm beverages

- Clothing choice (put on an additional clothing layer)

- Less activities outside (stay indoor)

-Others (open answers): \_\_\_\_\_\_\_\_

1. Do you have heating at home? - **Winter**

-Yes

-No, because: \_\_\_\_\_\_\_\_

-Prefer not to say

1. At which outside temperatures would you normally switch on your heating?

answer options with dropdown:

day t \_\_\_\_\_\_\_\_\_\_ C

night t \_\_\_\_\_\_\_\_ C

Other marker: \_\_\_\_\_\_\_\_\_

Don't know:

1. which temperature are you personally comfortable with? **- Winter**

-Same as the setup heating temperature.

-Other (and reason behind it): \_\_\_ C

1. **Summer Survey:**
2. What would you do to relieve your thermal sensation? (Multiple choice) - **Summer**

-Drink cold water or beverages

- Clothing choice (take off a clothing layer)

- Increase the air ventilation

- Move to an air conditioned environment

-Other (open answer): \_\_\_\_\_\_\_\_

1. Do you have air conditioning at home? - **Summer**

-Yes

-No, because: \_\_\_\_\_\_\_\_

-Prefer not to answer

-

1. At which outside temperatures would you normally switch on your air conditioning? - **Summer**

answer options with dropdown:

day t \_\_\_\_\_\_\_\_\_\_ C

night t \_\_\_\_\_\_\_\_ C

-Other (open answer): \_\_\_\_\_\_\_\_

1. Which temperature are you personally comfortable with? **-Summer**

-Same as the setup AC temperature

-Other (and the reason behind it): \_\_\_\_\_C

**Section 3: Clothing insulation**

The clothing selection is one of the game-changers of the comfort that we can perceive. To understand the effect of clothing insulation on the temperature feel, we ask you to record which types of clothes that you are wearing right now and the reason behind it.

1. Please mark the clothes you are wearing (Applicable for Summer and Winter clothing)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Shirt, Blouses** | | | **Pants** | | **T-shirts, Sweaters, Coats and Jacket** | | **Accessories** | |
| Short-sleeved shirt | |  | Shorts |  | Sleeveless waistcoat |  | Shoes with leather soles |  |
| Long-sleeved shirt fine material | |  | Pants fine material |  | Coat |  | Shoes with rubber soles |  |
| Normal long-sleeved shirt | |  | Jeans |  | Parka |  | Sneakers |  |
| `Flannel shirt | |  | Farming pants |  | Fine blazer |  | Boots |  |
| Fine, light blouse, long sleeves | |  |  |  | Thick blazer |  | Nylon stockings |  |
| Fine T-shirt |  | | **Dresses and Skirts** | | Thick jumper |  | Socks |  |
| Thick T-shirt | |  | Short skirt |  | Thick Sweater |  | Gloves |  |
|  | |  | Long skirt |  | Sweater |  | Tights |  |
|  | |  | Short-sleeved dress |  | Light summer jacket |  | Tie/Light scarf |  |
|  | |  | Long-sleeved dress |  | Jacket |  | Warm scarf |  |
|  | |  | Normal dress |  | Vest |  |  |  |
|  | |  | Heavy dress (winter) |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |

-Others (open answers): \_\_\_\_\_\_\_\_

1. Why do you choose the combination of the clothes you are wearing?

-Style purpose

-I want to feel cool

-I want to feel warm

-others (open answer): \_\_\_\_\_\_\_\_

**Section 4: Outside greenery**

Through this section, we will ask you for your opinion concerning the amount and type of urban green in Padua.

1. How long have you been living in Padua?

Less than a year

Between 1 – 5 years

Between 5 – 10 years

More than 10 years

My whole life

I prefer not to say/ Don't know

1. How green is Padua now in your opinion?

-very green

-a little green

-neither green nor grey

- rather grey

- predominantly grey

1. Would you prefer to see more green in Padua? (answer on the scale of 1-5: (1) is not at all, and (5) is a lot more green)
2. Which types of urban green would you like to see more of in Padua?

-Green walls and roofs

-Urban forest

-Small parks

-Small ponds

-Urban greens

-Wetlands

-Others (open answers): \_\_\_\_\_\_\_\_\_\_\_

1. Which types of urban green do you think are most effective in regulating local temperature? (select 1 or 2 max)

-Green walls and roofs

-Urban forest

-Small parks

-Small ponds

-Urban greens

-Wetlands

-Other (open answers): \_\_\_\_\_\_\_\_\_\_\_\_

1. How important are the following features of urban nature to you?

a) Presence of urban nature as such

b) Urban nature offers shade and cooling in the summer

c) Urban nature is a filter for CO2 and air pollutants

d) Urban nature offers space for greater biodiversity in the city

e) Urban nature decreases urban noise

f) Urban nature is a part of urban water management system (in particular to manage ground water levels)

g) Urban nature is a recreation and revitalisation space

h) Urban nature bears cultural value to me, it is part of Padua's identity and image

i) Urban nature bears aesthetic value (beauty)

j) Urban nature is a meeting place

k) Urban nature is a place of retreat being part of nature

l) Stewardship (care and protection) towards urban nature

**Section 5: Demographic information**

The last section of the survey is to regarding your personal information. This result will be associated with your previous answer.

1. Age: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or prefer not to say
2. Gender: F/M/Non-binary/Trans/Others: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ /prefer not to say
3. What is your highest complete education level?

-Lower secondary school

-Upper secondary school degree (liceo)

-Upper secondary school degree (instituti)

-University degree (bachelor)

-University degree (master or higher)

-Prefer not to say

-Others (open answers):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This is the end of the survey. Thank you for your participation.

Would you like to leave any feedback or add anything that is relevant to this topic but was not included in the survey?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_