

# A participatory workshop to investigate children understanding on Urban Heat Island

On 18<sup>th</sup> Jan

Time : 7.30 am

Venue: Sekolah Kebangsaan Taman Bukit Indah

save  
OUR  
planet

**A Participatory Workshop to Investigate Children's Understanding On Urban Heat Island**

**Workshop 3: Model Making**

**Date: 18 January 2011**

**Time: 7.30am to 1.00pm**

**Venue: SK Taman Bukit Indah**

organized by:



**UTM**  
UNIVERSITI TEKNIKAL MALAYSIA



in collaboration with:



Ministry of Education  
**Setia**  
IP & TA AND GROUP  
**HICeC**  
HEALTH, INNOVATION & COMMUNITY CENTRE

# Results of Workshop 2 on 15 November 2010

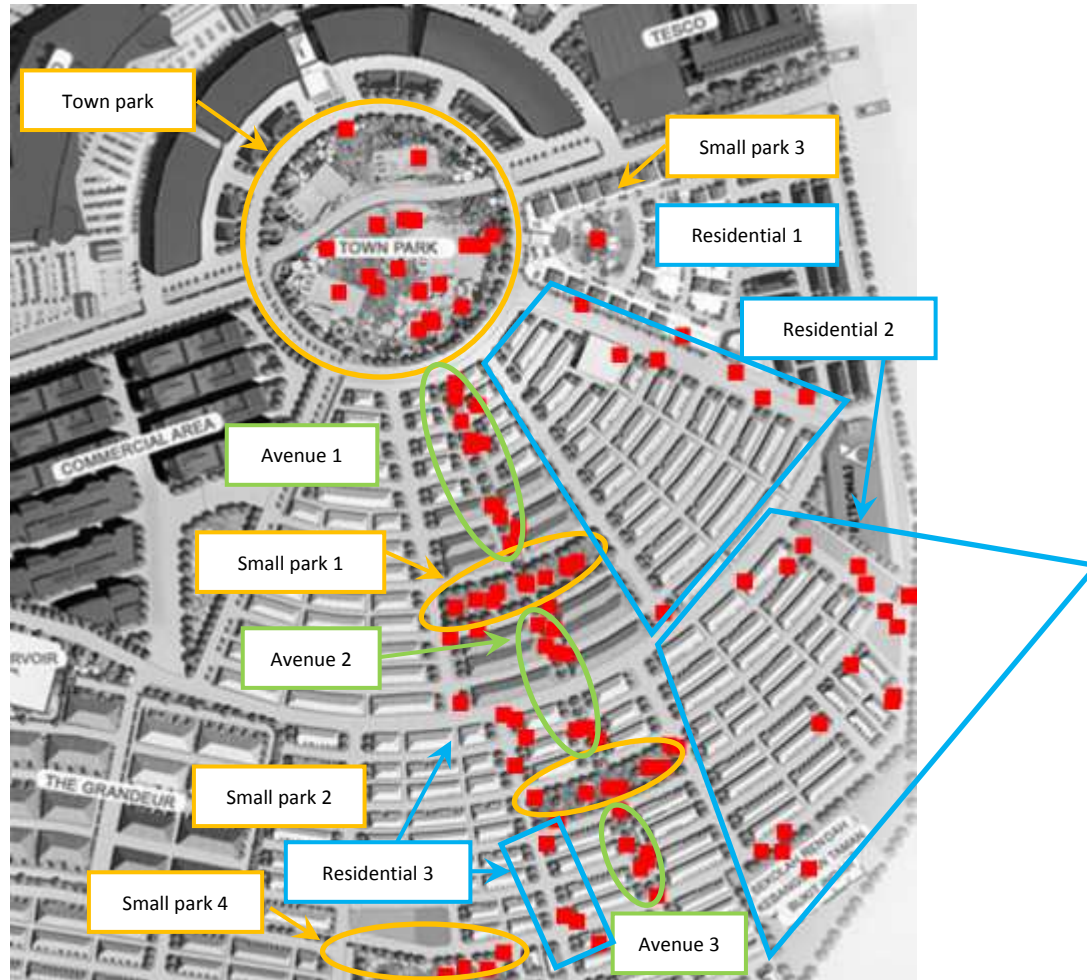


Figure 3-1: Distribution of the sub groups

Table 3-2: Scale of the thermal comfort level

Thermal comfort level	Cool	←	Neutral	→	Hot
Scales	1 <span style="color: blue;">■</span>	2 <span style="color: cyan;">■</span>	3 <span style="color: yellow;">■</span>	4 <span style="color: orange;">■</span>	5 <span style="color: red;">■</span>

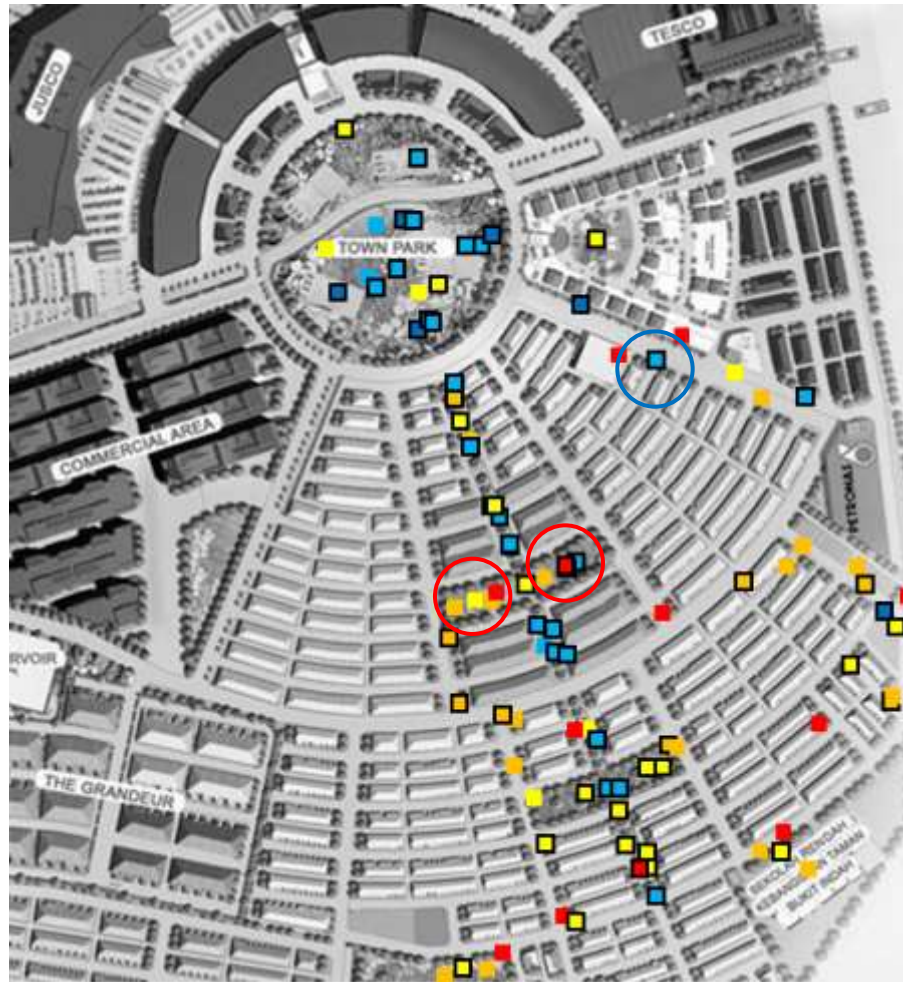


Figure 3-4: distribution map of thermal comfort level

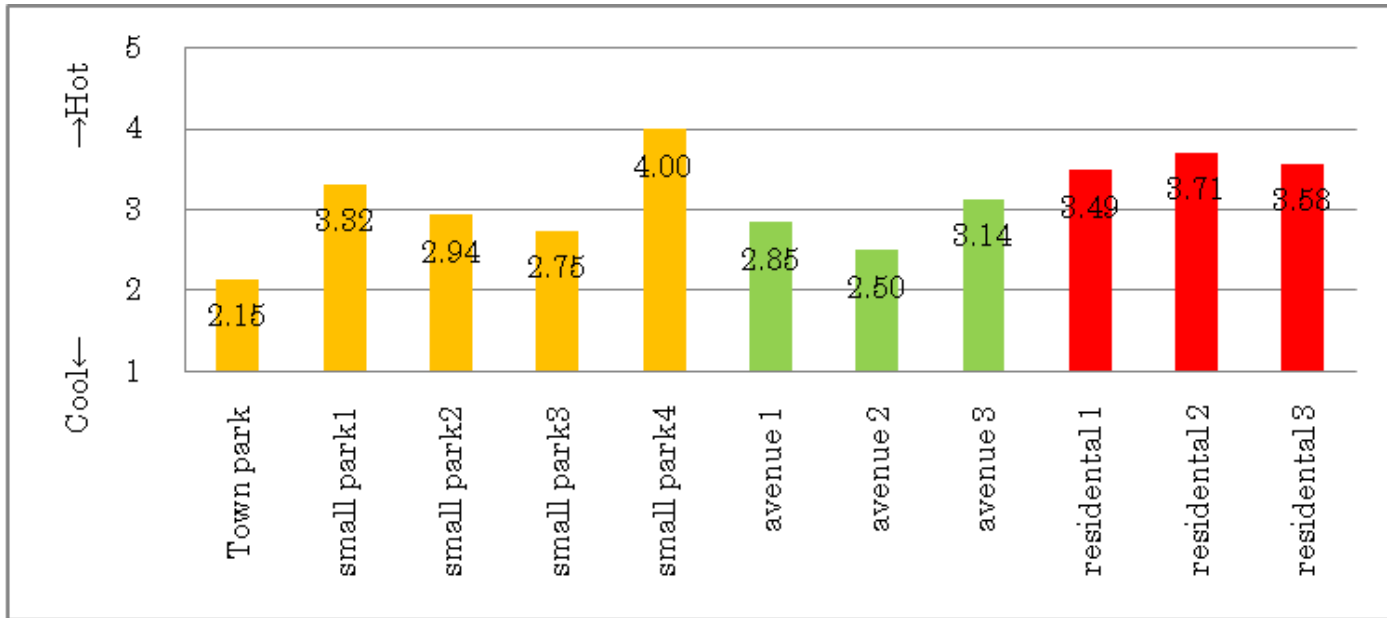


Figure 3-5: bar graph of average thermal comfort level



Table 3-3: scale of the wind comfort level

Wind comfort level	Windless	←	Neutral	→	Strong
Scales	1 <span style="color: red;">■</span>	2 <span style="color: orange;">■</span>	3 <span style="color: yellow;">■</span>	4 <span style="color: blue;">■</span>	5 <span style="color: darkblue;">■</span>

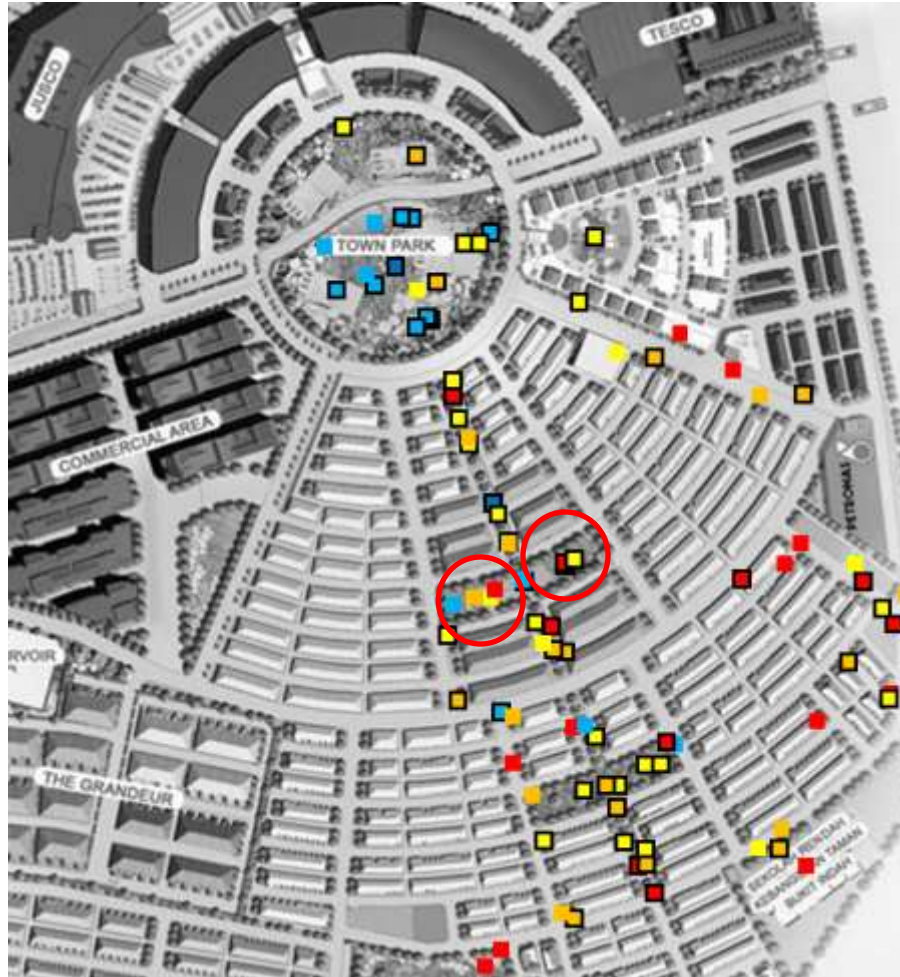


Figure 3-9: distribution map of wind comfort level

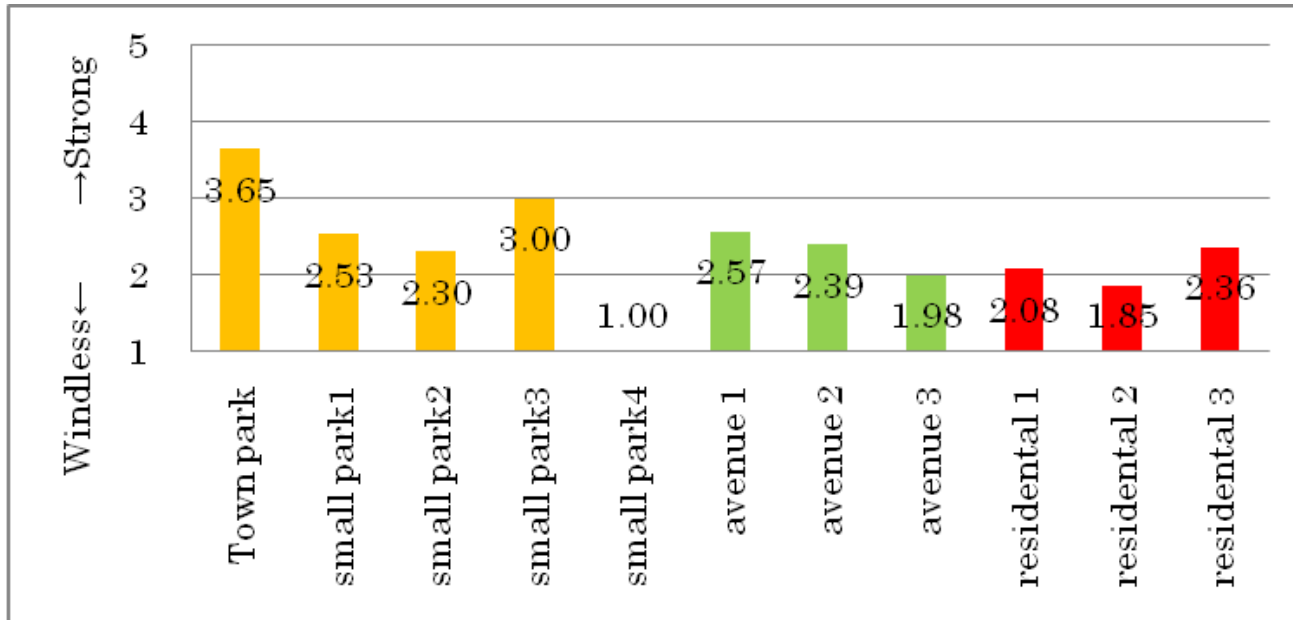


Figure 3-10: Average wind comfort level

**Table 4-4: Children's comments**

This program teach students about the important of planting trees
Go green
I want to come back to the next workshop
This workshop can help us to know better about temperature
I want to say thank you very much to UTM because create this program
This workshop can help us to clean our environment
I wonder if everyone can hybrid cars, biomass cars, solar cars, and hybrid cars
This activity is very fun and attractive
I want <b>Koji</b> to participate in the next workshop
Hope this campaign will success until the end
Thank you for creating these programs. Hope next year this program will be success. Good luck
If possible please prepare <i>nasilemak</i> for us next time

## Purpose of Workshop

To inquire on children knowledge the role of trees in reducing urban heat by making model of Bukit Indah neighborhood and town park





# Program of Workshop 3

7.30am – 8.00 am	Explanation on results of workshop 2
8.00am – 8.10 am	Instructions on Model Making for 3 <sup>rd</sup> workshop on A0 size plan
8.10am – 11.10am	Distribution in groups Distribution of materials Model Making
11.10am – 12.00 pm	Survey questionnaires by Koji and Zuliza
12.00pm-1:00pm	Lunch Break
1.00pm	End of workshop



# Materials for Model Making of Workshop 3

List:

1. Toothpicks
2. Cotton wool
3. Polystyrene (2.5cm thk)
4. Double-sided tapes
5. Color Spray ( green and grey)
6. Base map of Bukit Indah Area on A0 size