# Open Space Evaluation Methodology and Three Dimensional Evaluation Model as a Base for Sustainable Development Tracking. Sustainability 2015, 7, 13690-13712 

Melita Rozman Cafuta

University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Architecture, Smetanova ulica 17, Maribor 2000, Slovenia

E-Mail: melita.rozman-cafuta@um.si

## The Questionnaire

LOC-1 (DAY): Imagine that you are at the displayed place.


LOC-1 (DAY): Evaluate the scene.
Circle the score between the two extreme terms
that most closely matches your opinion.

| not attractive | 1 | 2 | 3 | 4 | 5 | attractive |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| unpleasant | 1 | 2 | 3 | 4 | 5 | pleasant |
| tense | 1 | 2 | 3 | 4 | 5 | released |
| simple | 1 | 2 | 3 | 4 | 5 | complex |
| boring | 1 | 2 | 3 | 4 | 5 | interesting |
| not arousing | 1 | 2 | 3 | 4 | 5 | arousing |
| not visible | 1 | 2 | 3 | 4 | 5 | visible |
| dangerous | 1 | 2 | 3 | 4 | 5 | safe |
| disordered | 1 | 2 | 3 | 4 | 5 | ordered |

LOC-1 (NIGHT): Imagine that you are at the displayed place.


LOC-1 (NIGHT): Evaluate the scene.
Circle the score between the two extreme terms
that most closely matches your opinion.

| not attractive | 1 | 2 | 3 | 4 | 5 | attractive |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| unpleasant | 1 | 2 | 3 | 4 | 5 | pleasant |
| tense | 1 | 2 | 3 | 4 | 5 | released |
| simple | 1 | 2 | 3 | 4 | 5 | complex |
| boring | 1 | 2 | 3 | 4 | 5 | interesting |
| not arousing | 1 | 2 | 3 | 4 | 5 | arousing |
| not visible | 1 | 2 | 3 | 4 | 5 | transparent |
| dangerous | 1 | 2 | 3 | 4 | 5 | safe |
| disordered | 1 | 2 | 3 | 4 | 5 | ordered |

LOC-1 (DAY): What stands out the most on displayed place? (circle the letter before answer)
a) object line
b) single object
b) open space
c) paved surfaces
d) greenery

LOC-1 (DAY): Evaluate the suitability of venues for these activities.
Circle the appropriate assessment of 1- extremely inappropriate to 5-very appropriate.

|  | extremely <br> inappropriate |  |  |  |  |  | very <br> appropriate |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| walking | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |
| short stop | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |
| sitting | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |
| socializing | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |
| playing | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |
| cycling | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |
| rollerblading, skating | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |
| sightseeing tour | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |

LOC-2 (DAY): Imagine that you are at the displayed place.


LOC-2 (DAY): Evaluate the scene.
Circle the score between the two extreme terms that most closely matches your opinion.

| not attractive | 1 | 2 | 3 | 4 | 5 | attractive |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| unpleasant | 1 | 2 | 3 | 4 | 5 | pleasant |
| tense | 1 | 2 | 3 | 4 | 5 | released |
| simple | 1 | 2 | 3 | 4 | 5 | complex |
| boring | 1 | 2 | 3 | 4 | 5 | interesting |
| not arousing | 1 | 2 | 3 | 4 | 5 | arousing |
| not visible | 1 | 2 | 3 | 4 | 5 | visible |
| dangerous | 1 | 2 | 3 | 4 | 5 | safe |
| disordered | 1 | 2 | 3 | 4 | 5 | ordered |

LOC-1 (NIGHT): What stands out the most on displayed place? (circle the letter before answer)
a) object line
b) single object
b) open space
c) paved surfaces
d) greenery

LOC-1 (NIGHT): Evaluate the suitability of venues for these activities.
Circle the appropriate assessment of 1- extremely inappropriate to 5-very appropriate.

|  | extremely <br> inappropriate |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| walking | 1 | 2 | 3 | 4 | 5 |  |
| short stop | 1 | 2 | 3 | 4 | 5 |  |
| sitting | 1 | 2 | 3 | 4 | 5 |  |
| socializing | 1 | 2 | 3 | 4 | 5 |  |
| playing | 1 | 2 | 3 | 4 | 5 |  |
| cycling | 1 | 2 | 3 | 4 | 5 |  |
| rollerblading, skating | 1 | 2 | 3 | 4 | 5 |  |
| sightseeing tour | 1 | 2 | 3 | 4 | 5 |  |

LOC-1 (NIGHT): Evaluate light effect?
Circle the score between the two extreme terms
that most closely matches your opinion.

| unpleasant <br> glow | 1 | 2 | 3 | 4 | 5 | pleasant glow |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| uninteresting | 1 | 2 | 3 | 4 | 5 | interesting |
| incompatible | 1 | 2 | 3 | 4 | 5 | compatible |

LOC-2 (NIGHT): Imagine that you are at the displayed place.


LOC-2 (NIGHT): Evaluate the scene.
Circle the score between the two extreme terms that most closely matches your opinion.

| not attractive | 1 | 2 | 3 | 4 | 5 | attractive |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| unpleasant | 1 | 2 | 3 | 4 | 5 | pleasant |
| tense | 1 | 2 | 3 | 4 | 5 | released |
| simple | 1 | 2 | 3 | 4 | 5 | complex |
| boring | 1 | 2 | 3 | 4 | 5 | interesting |
| not arousing | 1 | 2 | 3 | 4 | 5 | arousing |
| not visible | 1 | 2 | 3 | 4 | 5 | visible |
| dangerous | 1 | 2 | 3 | 4 | 5 | safe |
| disordered | 1 | 2 | 3 | 4 | 5 | ordered |

LOC-2 (DAY): What stands out the most on displayed place? (Circle the letter before answer)
a) object line
b) single object
b) open space
c) paved surfaces
d) greenery

LOC-2 (DAY): Evaluate the suitability of venues for these activities.
Circle the appropriate assessment of 1- extremely inappropriate to 5very appropriate.

|  | extremely <br> inappropriate |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| walking | 1 | 2 | 3 | 4 | 5 |  |
| short stop | 1 | 2 | 3 | 4 | 5 |  |
| sitting | 1 | 2 | 3 | 4 | 5 |  |
| socializing | 1 | 2 | 3 | 4 | 5 |  |
| playing | 1 | 2 | 3 | 4 | 5 |  |
| cycling | 1 | 2 | 3 | 4 | 5 |  |
| rollerblading, skating | 1 | 2 | 3 | 4 | 5 |  |
| sightseeing tour | 1 | 2 | 3 | 4 | 5 |  |

LOC-2 (NIGHT): What stands out the most on displayed place? (Circle the letter before answer)
a) object line
b) single object
b) open space
c) paved surfaces
d) greenery

LOC-2 (NIGHT): Evaluate the suitability of venues for these activities.
Circle the appropriate assessment of 1- extremely inappropriate to 5-very appropriate.

|  | extremely <br> inappropriate |  |  |  |  |  |  | very <br> appropriate |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| walking | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |
| short stop | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |
| sitting | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |
| socializing | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |
| playing | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |
| cycling | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |
| rollerblading, skating | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |
| sightseeing tour | 1 | 2 | 3 | 4 | 5 |  |  |  |  |  |  |

## LOC-2 (NIGHT): Evaluate light effect?

Circle the score between the two extreme terms
that most closely matches your opinion.

| unpleasant <br> glow | 1 | 2 | 3 | 4 | 5 | pleasant glow |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| uninteresting | 1 | 2 | 3 | 4 | 5 | interesting |
| incompatible | 1 | 2 | 3 | 4 | 5 | compatible |

© 2015 by the authors; licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution license (http://creativecommons.org/licenses/by/4.0/).

