

# Review of: "The Impact on People's Well-being of Utilizing Greenery in the Design of High-rise Residential Building Balconies"

Katarzyna Zielonko-Jung<sup>1</sup>

<sup>1</sup> Gdańsk University of Technology

Potential competing interests: No potential competing interests to declare.

The article addresses the important topic of the relationship between well-being, mental health, and architectural space. New visualization methods, such as VR, offer new research opportunities in this area. The research undertaken by the authors on the use of greenery on balconies is interesting; however, their innovation lies more in the use of VR than in the originality of the research questions. The positive impact of greenery on humans has already been proven by many other researchers, including Roger Ulrich. One might have expected this research to confirm that people prefer spaces with greenery to those without. More interesting is the second conclusion, that the amount of greenery is no longer so important and that even a small proportion of greenery on a balcony can improve well-being. However, I'm not sure that such a conclusion can be made on the basis of these studies alone. Rather, it would have to be repeated on more people and on more combinations of balconies. Understandably, these are partial studies, but this should be emphasized in the discussion.

I have a few comments on the necessary corrections in the text:

- The use of "this" rather than another questionnaire should be better justified. On the one hand, it is a questionnaire recognized from other studies, but it is questionable whether such detailed questions can be answered after only a few minutes with an unknown interior.
- The results of the questionnaires should be better presented. Since the authors claim that the difference between interiors with less and more greenery was small, and definitely more between interiors without greenery and the rest, this should be better shown in the results.
- The drawings are not very legible; the quality should be improved.
  - Figure 2 is not connected with the text. What is the drawing for?

In conclusion, the article is interesting, but it should be improved and enrich the discussion.