

Green Climate Control

Analysing the impact of (active) Plant-based Systems on Indoor Air Quality

Armijos Moya, T.E.

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Propositions

accompanying the doctoral thesis:

'Green Climate Control: Analysing the impact of (active) Plant-based Systems on Indoor Air Quality'

by Tatiana Armijos Moya

1. Without any extra mechanical ventilation, an indoor forest is required to meet the minimum standards for ventilation rates in breathing zones.
[This proposition pertains to this dissertation.]
2. Sensory evaluations are necessary for the assessment of indoor air quality.
[This proposition pertains to this dissertation.]
3. For plant-based filtering systems to be more effective, polluted air has to be transported to the vicinity of the plant.
[This proposition pertains to this dissertation.]
4. Studies in controlled-chambers are useful to test distinct plant-related and environmental factors.
[This proposition pertains to this dissertation.]
5. Studying the effect of plants on indoor environmental quality requires a multidisciplinary approach.
6. Humans find comfort only if they can explain what they sense.
7. Plants enhance the quality of the indoor and outdoor environment.
8. The best way to complete a PhD is to love what you do.
9. To do research is to see the world through the eyes of a little child.
10. Doing a PhD is like giving birth, you always have to be prepared for the unexpected.

These propositions are regarded as opposable and defensible, and have been approved as such by the promotors: Prof.dr.ir. P.M. Bluyssen and Prof.dr.ir. A.A.J.F. van den Dobbelaars and copromotor Dr.ir. M. Ottel 