

## Level of detail in 3D city models

Biljecki, Filip

**DOI**

[10.4233/uuid:f12931b7-5113-47ef-bfd4-688aae3be248](https://doi.org/10.4233/uuid:f12931b7-5113-47ef-bfd4-688aae3be248)

**Publication date**

2017

**Document Version**

Publisher's PDF, also known as Version of record

**Citation (APA)**

Biljecki, F. (2017). Level of detail in 3D city models DOI: 10.4233/uuid:f12931b7-5113-47ef-bfd4-688aae3be248

**Important note**

To cite this publication, please use the final published version (if applicable). Please check the document version above.

**Copyright**

Other than for strictly personal use, it is not permitted to download, forward or distribute the text or part of it, without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license such as Creative Commons.

**Takedown policy**

Please contact us and provide details if you believe this document breaches copyrights. We will remove access to the work immediately and investigate your claim.

PROPOSITIONS  
accompanying the dissertation  
LEVEL OF DETAIL IN 3D CITY MODELS  
by Filip Biljecki

0. The level of detail (LOD) of a 3D city model is one of its foremost characteristics. (*This thesis.*)
1. The term LOD should not be misapprehended as quality according to its ISO 19157 definition. A fine LOD does not guarantee high quality, nor does the latter warrant the former. (*This thesis.*)
2. There is no such thing as a general purpose 3D city model. (*This thesis.*)
3. A catch-22 of international GIS standards: software support is accelerated by the adoption of a standard, while the adoption of a standard is catalysed by its software support.
4. In most developed countries 3D building models will be acquired and maintained automatically and instantaneously from generalised BIM data, which will be mandated by local governments upon design, construction, renovation, and demolition.
5. Patenting, paywalling, and embargoing publicly funded research is a moral crime against taxpayers.
6. There is no better example of capitalism and free market than the sharing economy: voluntary transactions and economic exchange between people based on private ownership, largely free of government interference, and benefiting the parties involved.
7. Excessively personalised content hurts society. It divides, diminishes social discourse, aggravates confirmation bias, and directs people towards comfort zones devoid of opposing views.
8. It cannot be a coincidence that 'h-index' is pronounced eerily alike as 'age-index'.
9. Academic evaluations should value efficiency, rather than productivity.

These propositions are regarded as opposable and defensible, and have been approved as such by the promotor prof. dr. J.E. Stoter and the copromotor dr. H. Ledoux.