

**4d open spatial information infrastructure  
Participatory urban plan monitoring in Indonesian cities**

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## PROPOSITIONS

accompanying the dissertation

### 4D OPEN SPATIAL INFORMATION INFRASTRUCTURE PARTICIPATORY URBAN PLAN MONITORING IN INDONESIAN CITIES

by Agung Indrajit

1. *Plan and forget* behavior in urban planning is more dangerous than having no plan at all. It can paralyze vigilance and resiliency of the society (This Thesis).
2. Complete information of the legal situations about land and space must contain Rights, Restrictions and Responsibilities (RRRs). However, registering has no value unless the RRRs information is publicly available (This Thesis).
3. Despite the risk of biased information, local citizens will provide better information for urban plan monitoring than the authorities (This Thesis).
4. Physical objects may not share their boundary representation with legal objects, but both need to be represented digitally and synchronized frequently (This Thesis).
5. When policy changes, data will also change, but standards may stay.
6. In the digital era, countries that are not using international standards will be more isolated.
7. Researching is better than waiting for somebody else to find and test the solution.
8. The complex and multidisciplinary domains of land management can only be studied successfully by someone with a practical background and broad experience.
9. The majority of PhD research topics are very narrowly defined while the real breakthroughs and huge impacts on society is rooted in holistic studies.
10. Sharing knowledge is the strongest bond between peoples, communities, disciplines, and cultures.

These propositions are regarded as opposable and defensible and have been approved as such by the promotor prof. dr. ir. P.J.M Van Oosterom and the co-promotor dr. ir. B. Van Loenen.