Heterogeneous collaboration and behavioural change in producing and using spatial data – OSM as a Case

Weak coordination process for data co-production affecting...

OpenStreetMap (OSM)

Data quality
- Positional accuracy
- Attribute

Editing process
- Time spent per feature
- Ground checking

Model of power
(French and Raven 1964)

Statistical analysis on editing behaviours in OSM
- Number of changesets
- Type of editors involved
- Average time took to finalise editing per feature

What is the change in power dynamics (producer-consumer relationship) among the different types of OSM contributors?

What is the change in spatial data editing behaviour among the contributors before and after the expanded participation by corporate and government in OSM?

Alternative tool to coordinate data co-production in OSM

Individuals
Corporate
Government

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