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Research Article

Volunteered geographic information quality assessment using trust and reputation modelling in land administration systems in developing countries

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is proposed as a suitable technique to effect such VGI data set validation. This method has been applied to successfully demonstrate that VGI can produce accurate and reliable data sets which can be used to conduct regular systematic updates of geographic information in official systems. It relies on a view that the public can police themselves in establishing proxy measures of VGI quality thus facilitating VGI to be used on a FFP basis in LAS.

KEYWORDS:

- Volunteered geographic information
- trust and reputation modelling
- thematic accuracy
- semantic accuracy
- volunteer reputation

Disclosure statement

No potential conflict of interest was reported by the authors.

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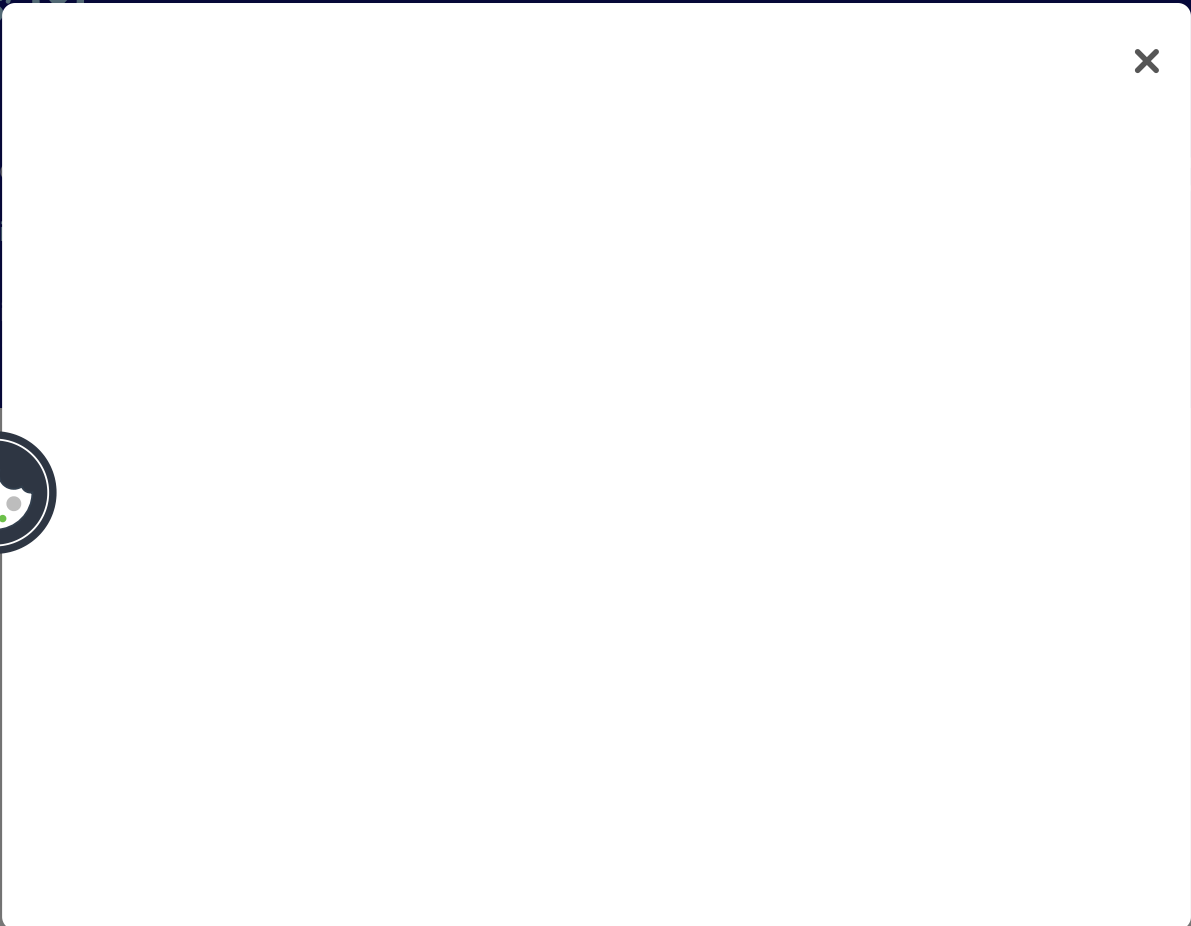
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