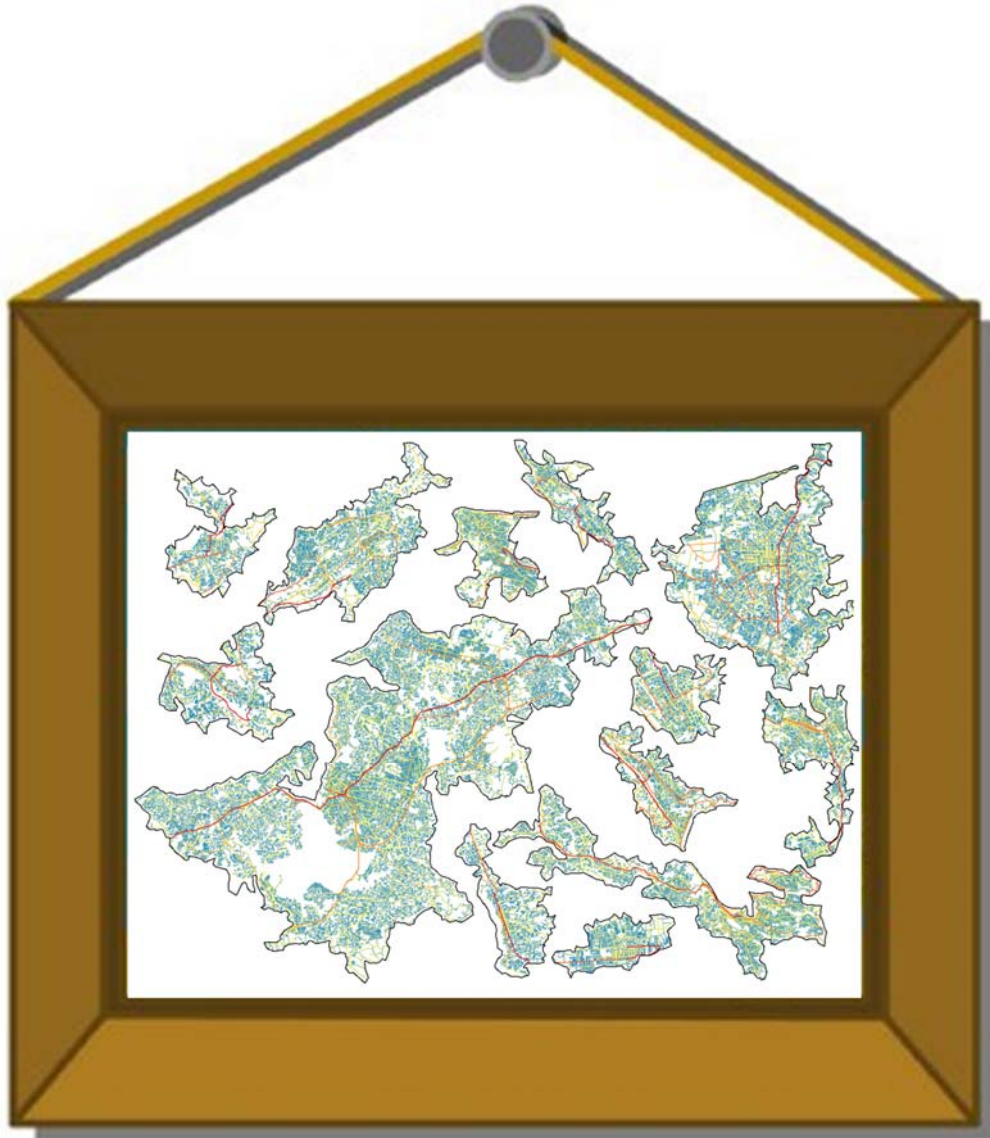# Extending the map through art

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Abstract: The map has long been the ultimate communicator of geography. That's not about to change but recently there have been challenges to test the limits of what a map can do. For one, spatial data now regularly exists in high volume and complexity (Big Data). There is also a prevalent appetite for representation of personal and narrative content. Both challenges lead us to look outside the map for visualisation ideas. In a recent research agenda on cartography in the age of Big Data, art was presented as a potential display means to complement the map, whether through an artist reacting to spatial data / maps through an artwork, the use of artistic techniques in maps (e.g. brushstrokes, comics), interfaces linking maps and art, or artworks being algorithmically generated. Examples of these four types of artistic representation will be presented, with particular emphasis on two which address Big spatial data. One is a map artwork that makes city lights "visible" through sound. The other is an attempt to generate "artworks" from fractally-derived data put through a style transfer process.

12:00 noon, Thursday, 20 September 2018
L1 Lecture Theatre
School of Surveying
310 Castle Street

School of **Surveying**
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