

# 22 JULY 2019

## Beyond Administrative Delimitations: Uncovering Patterns Using Complexity Science



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For more information and to learn

about our Lecture Series, visit

[www.clc.gov.sg](http://www.clc.gov.sg)

10.30AM-12.00PM  
**NTU@one-north  
Auditorium**  
Room 302, Level 3  
11 Slim Barracks Rise,  
Singapore 138664

Networking & Registration  
from 10.00 - 10.30am

**RSVP** **HERE**

Seats are available on a first  
come, first served basis.

Please be seated 10 minutes  
before lecture begins.

As parking is limited, guests  
are encouraged to take public  
transport.

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**LECTURE SERIES**



This lecture looks at how to construct the territorial organisation of the space beyond administrative delimitations. This refers to the way people interact and share a sense of community given by the connectivity of the space. We will see how this methodology can bring insights into the organisation of 11th century Britain, using data from the oldest census in Europe, compiled under King William the Conqueror. When applied to current Europe, this methodology shows that the street network leaves footprints of how communities form and differentiate from one another. Unfortunately, such differentiation sometimes leads to conflict. Lastly, we will look at the role city boundaries for the evaluation of city performance, in particular under the framework of urban scaling laws.



Speaker

**Dr Elsa Arcaute**  
Associate Professor  
Centre for Advanced Spatial  
Analysis

@ElsaArcaute



Moderator

**Huang Zhongwen**  
Director (Digital Planning Lab)  
Urban Redevelopment  
Authority