

## Publications

The papers listed here represent the range of research activities I have been involved in over the past fifteen years or so. Most of them are related to the domain of geographical information science and systems, a pluri-disciplinary domain per nature. This is reflected by the diversity of areas covered, and colleagues involved with me in these paper authorings. The papers are classified per area of research despite some intersections. If you have some problems to download them when available on-line, or if you want some reprints of the ones not available on-line, please send me an email at [claramunt@ecole-navale.fr](mailto:claramunt@ecole-navale.fr) and I'll be pleased to send a copy by regular Email. Most of my papers are also listed in the DBLP web site and available on my Research Gate page, citations to my work are available on Google scholar.

### Temporal GIS

Spatial and Semantic GIS    WEB and wireless GIS    GIS, simulation and transportation GIS    Urban GIS and space syntax  
Environmental and landscape GIS

### Temporal GIS

- W. Siabato, C. Claramunt and S. Ilarri, 2017, A Survey of Modelling Trends in GIS, ACM Computing Surveys (CSUR), to appear.
- Xu, T., Zhang, X., Claramunt, C. and Li, X., 2018, TripCube: a trip-oriented vehicle trajectory data indexing data structure Computers Environment and Urban Systems, Elsevier, 67, 21-28.
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Spatial and Semantic GIS

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