



Experience

Post-doctoral Fellow

01/2022 - Today

École des hautes études en sciences sociales, UMR CAMS, UMR CRH, ANR SoDUCo project

I study urban activities in the city of Paris using digital data from commercial directories. These data make it possible to work on the level of individuals and addresses, on a nearly annual basis. They are the result of automatic extraction pipeline (OCR, NER and geocoding) carried out within the ANR SoDUCo and currently form more than 22M entries over the years 1787-1914.

Post-doctoral Fellow

10/2020 - 12/2021

Archäos - Archaeology, Culture and Heritage Company

Analysis of the growth dynamics of the Al-Ula oasis (Saudi Arabia) since the late 19th c. and direction of the GIS and DB pole of the international research program Al-Ula Cultural Oasis Project (UCOP).

Post-doctoral Fellow

09/2019 - 09/2020

LabEx Dynamiques Territoriales et Spatiales

Analysis of the decline and closure of public service facilities in French cities since the mid-2000s.

Engineer

2019 (3 months)

EHESS, France-Japan Foundation

Construction and analysis of a spatial database to compare social and economic transformations in the regions of Paris, Tokyo, London and New York since the 2000s.

Associate Lecturer

09/2018 - 08/2019

University CY Cergy, Department of Humanities

Teaching in Geography undergraduate degree.

Associate Lecturer

09/2017 - 08/2018

University of Paris 1, Department of Geography

Teaching in Geography undergraduate degree.

Engineer

2013-2014 (14 months)

CNRS, ANR TransMonDyn project

Assistance in editing reports for the ANR and construction of the project website.

Temporary Lecturer

since 09/2013

University of Paris 1

Teaching in Geography and Archaeology undergraduate degrees. Direction of the doctoral seminar Information systems and data processing in Archaeology.

Julie Gravier

Post-doctoral Fellow EHESS

Contact

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Education

2012-2018

PhD in Geography

University of Paris 1

Thesis: A city within its systems of cities over two thousand years

2010-2012

MA in Archaeology

University of Paris 1

2007-2010

BA in History

University of Paris 1

2007-2010

BA in History of Art and Archaeology

University of Paris 1

Last publications

Editor

Activities

- ▶ Direction of Rzine Journal
- Organisation of 9 workshops, 4 sessions in international colloquium, 3 summer school
- ▶ +80 conferences, included 27 invited talks & guest lectures
- ▶ 19 papers, book chapters & conference proceedings
- ▶ Mentoring 4 MA & 1 PhD in Archaeology
- ▶ In charge of two research seminars (291h)
- ▶ Teaching 381h in Geography, 70h in Archaeology

Methodology

- ▶ Relational DB
- ▶ Statistics
- ▶ GIScience
- ▶ Network & Graph
- ▶ Text mining
- ▶ Web scrapping
- ▶ Visualisation
- ▶ Cartography
- ▶ Reproducibility

Langage

- ▶ R
- ▶ SQL
- ▶ UML
- ▶ HTML
- ▶ Markdown
- ▶ LaTeX

Langue

- ▶ English
- ▶ Latin (classic and medieval)
- ▶ Medieval French

2022 | M.E. Castiello, D. Mouralis, J. Gravier et L. Nahassia, Spatial Computation in Archaeology and History, *Journal of Computer Applications in Archaeology*
 2022 | C. Plumejeaud-Perreau, M. Fargette, J. Gravier, T. Libourel, E. Masson, H. Mathian, L. Nahassia, L. Nuninger, X. Rodier, L. Sanders et E. Saux, Ontologies et dynamiques spatiales. Complémentarité des approches symboliques et numériques, *Revue Internationale de Géomatique*, vol. 31, no 1-2, Paris : Lavoisier

Publications

- 2023 | J. Charbonnier, Y. Kanhoush, J. Gravier, G. Gourret et al., "Mapping an Arabian oasis: first results of the UCOP systematic survey of alUla (AlUla) Valley (2019–2021)", in *Revealing Cultural Landscapes in NorthWest Arabia*, R. Foote, M. Guagnin, I. Périsse, et S. Karacic, Ed., *Supplement to Volume 51 of the Proceedings of the Seminar for Arabian Studies*, Oxford: Archaeopress, 2022, p. 5181
 2022 | C. Plumejeaud-Perreau, L. Nahassia, et J. Gravier, "Appréhender le changement des catégories pour l'étude d'une dynamique spatiale sur le temps long", *Revue Internationale de Géomatique*, vol. 31, no 1-2, Paris : Lavoisier, pp. 47-80, <https://doi.org/10.3166/rig31.47-80>

Last Talks

International colloquium

- 2023 | J. Gravier, "Time budgets and forms of preindustrial cities: time for empirical studies", *European Colloquium on Theoretical and Quantitative Geography*, Braga, Portugal, 17 septembre
 2023 | J. Charbonnier, J. Gravier, A. Leschallier de Lisle, A. de Smet, S. Boudia, V. Koszarek, et Y. Kanhoush, "Exploring land-use in arid regions based on statistical analyses of the agricultural plots in Al-Ula oasis (Hejaz, KSA)", *29th EAA Annual Meeting*, Queens University, Belfast, 31 août 2023
 2022 | J. Gravier, G. Gourret, Y. Kanhoush et J. Charbonnier, "Expansion of an oasis from the end of the 19th century to the present day: what are the factors behind these dynamics? Case study in Al-Ula, Saudi Arabia", *International Geographic Union Colloquium*, Paris, France, 19 juillet