

Dr Elisabeth PEYROUX

Education

- Habilitation to conduct research (HDR) in Geography, University Gustave Eiffel, 2023
 - PhD in Human, Economic and Regional Geography, University of Paris X-Nanterre, 2000
 - 5th year of post-graduate studies (DEA) Geography and Development Practices in Third-World countries, University of Paris X-Nanterre, 1995
 - M.A. in Human Geography, University of Paris X-Nanterre, 1994
 - M.A. in Ethnology, University of Paris X-Nanterre, 1993
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Professional experience

From October 2025 : Research Director, National Centre for Scientific Research (CNRS)

From October 2007 to September 2025: Senior Researcher, National Centre for Scientific Research (CNRS), UMR Prodig

From January 2019 to December 2024: Deputy head of the research unit Prodig (UMR 8586) (2019-2024).

Research Area/Topic/Discipline

- Urban Geography
 - Urban Studies
 - Southern Cities
 - Urban governance
 - Digital technologies and AI
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Short Biography

Dr Elisabeth Peyroux is a Visiting Senior Research Fellow at the National University of Singapore's Asia Research Institute. She is Research Director at the National Centre for Scientific Research (CNRS), currently affiliated to the Research Institute on Contemporary Southeast Asia (IRASEC), a CNRS research unit based in Bangkok, and to CNRS@CREATE in Singapore. She holds a PhD in Human Geography from the University of Paris X-Nanterre and is a former Deputy Director of the research unit Prodig (2019-2024). Her current research focuses on the role of digital technologies and Artificial Intelligence in urban governance and planning in Southern Cities (South Africa, Singapore, Malaysia).

Publications (Selected works)

Edited Books

Peyroux, E., Raimond, C., Viel, V., Lavie, E. (Eds), 2023, *Development and Territorial Restructuring in an Era of Global Change. Theories, Approaches and Future Research Perspectives*, Wiley, 344 p.: <https://www.iste.co.uk/book.php?id=2024>

Bénit-Gbaffou C., Fabiyi S., Peyroux E. (Eds), 2009, *Sécurisation des quartiers et gouvernance*

locale. *Enjeux et défis pour les villes africaines (Afrique du Sud, Kenya, Mozambique, Namibie, Nigeria)*, Paris, IFAS-Karthala.

Peyroux E., Eckert D., Thouzellier C., (Eds), 2007, *Toulouse: Embracing the knowledge economy. Pathways to creative and knowledge-based regions*. ACRE 2.11, AISSR, University of Amsterdam, 136 p.

Edited Journal Special Issues

Dris, Y., Gibert-Flutre, M., Henriot, K., Peyroux, E., Zerah, M.-H. (Eds). 2025, La ville numérique sans ses algorithmes : fabrique urbaine ordinaire, acteurs, institutions. The digital city without its algorithms: ordinary urban production, actors, institutions, special issue, NETCOM [Online], 39-1/2: <https://doi.org/10.4000/158c7>

Peyroux E., Sanjuan T., 2016, Stratégie de villes et « modèles » urbains : approche économique et géopolitique des relations entre villes. *EchoGéo* [Online], 36 | 2016.

Peyroux E., Pütz R., Glasze G., 2012, « Business Improvement Districts (BIDs): Internationalisation and contextualisation of a 'travelling concept' », Guest Editorial, *European Urban and Regional Studies*, special issue on Business Improvement Districts, n°19 (2), pp. 111-120.

Bénit-Gbaffou C., Didier S., Peyroux E., 2012, « Circulation of security models in Southern African cities: Between neoliberal encroachment and local power dynamics », special issue, *The International Journal of Urban and Regional Research*, 36 (5), pp. 877-889: <https://doi.org/10.1111/j.1468-2427.2012.01134.x>

Refereed Articles

Baud I., Jameson, S., Peyroux, E., Scott, D., 2021, The urban governance configuration: A conceptual framework for understanding complexity and enhancing transitions to greater sustainability in cities, *Geography Compass*, 15(5): <https://onlinelibrary.wiley.com/doi/10.1111/gec3.12562>

Peyroux E., Ninot O., 2019, De la « smart city » au numérique généralisé : la géographie urbaine au défi du tournant numérique [From the "smart city" to generalized digitalization: urban geography challenged by the digital turn], *L'Information Géographique*, 83(2), pp. 40-57: <https://doi.org/10.3917/liq.902.0040>

Peyroux E. 2016, Circulation des politiques urbaines et internationalisation des villes : la stratégie des relations internationales de Johannesburg, [Circulation of urban policies and the internationalization of cities: Johannesburg's international relations strategy], *EchoGéo* [Online], 36: <https://doi.org/10.4000/echogeo.14623>

Peyroux E. 2015, Discourse of urban resilience and 'inclusive development' in the Johannesburg Growth and Development Strategy 2040, *The European Journal of Development and Research*, special issue on « Inclusive Development », 27 (4), pp. 560-573: <https://doi.org/10.1057/ejdr.2015.52>

Didier S., Morange M., Peyroux E. 2013, The adaptative nature of neoliberalism at the local scale: Fifteen years of City Improvement Districts in Cape Town and Johannesburg, *Antipode*, 45 (1), pp. 121-139: <https://doi.org/10.1111/j.1467-8330.2012.00987.x>

Book Chapters

Peyroux, E., Raimond, C., Viel, V., Lavie, E. (dir.), 2023, Introduction, in Peyroux, E., Raimond, C., Viel, V., Lavie, E. (dir.), 2023, *Development and Territorial Restructuring in an Era of Global Change. Theories, Approaches and Future Research Perspectives*, Wiley.

Peyroux, E., Metzger, P., 2023, City, Environment and “Sustainable Development”: Critical Approaches and Renewal of Urban Research, in in Peyroux, E., Raimond, C., Viel, V., Lavie, E. (dir.), 2023, *Development and Territorial Restructuring in an Era of Global Change. Theories, Approaches and Future Research Perspectives*, Wiley.

Lemaire N., Peyroux E., Robineau O., 2020, Circulation des modèles urbains : acquis et perspectives de recherche interdisciplinaire et multiscalaire, In Adisson F., Barles S., Blanc N., Coutard O., Frouillou L. Rassat F., (dir), *Pour la recherche urbaine*, Paris, Editions du CNRS, pp. 335-353: <https://doi.org/10.4000/books.editions-cnrs.37263>

Peyroux E., 2018, “Building city political agency across scales: the Johannesburg International Relations Strategy”, In Oosterlynck, S., Beeckmans, L., Bassens, D., Derudder, B., Segaert, B., Braeckmans, L., (eds.), *The City As a Global Political Actor*, London, Routledge, Routledge Studies in Urbanism and the city, pp. 187-206.

Awards/Grants and Distinctions

International Research Network (IRN-CNRS) “Rethinking Urban Planning and Transitions under Resource Scarcity: Indo-Pacific cities within planetary limits – RUPTuRS”, financed by the National Centre for Scientific Research, 2026-2030. Co-PI <https://irasec.com/IRN-RUPTuRS-2026-2030>

Intra-CREATE Collaborative Grant on « Science of sustainable cities »: « SPACE: Shaping Public Adaptive Capacity for Environmental infectious diseases » financed by the Singapore National Research Foundation (NRF) in collaboration with **CNRS@CREATE, 2022-2025. Co-PI of WP4 « Digital technologies, AI Design and Knowledge Production »** <https://space.cnrsatcreate.cnrs.fr/>

International Research Network (IRN-GDRI-South-IRD) “Digital technologies and the management of urban services in Southern cities (South Africa, Senegal, Burkina Faso)” financed by the French Institute for Sustainable Development (IRD), 2021-2028. PI. <https://en.ird.fr/project-numsud-digital-technologies-and-urban-services-management-cities-global-south>

Urban Chances, City Growth and the Sustainability Challenge – “Chance2Sustain” financed by the European Union as part of the Seventh Framework Programme (FP7), 2013-2014. Co-investigator. <https://cordis.europa.eu/project/id/28270>