

**Paola Zamperlin**

### **Current Position**

Associate Professor of Geography, University of Florence - Italy (since Dec 2023).  
National Scientific Qualification as Full Professor of Geography.

### **Main Research Interests**

- Smart cities, smart communities, and smart regions.
- GIS applications for environment, cultural heritage, and socio-economic analysis.
- Population geography: historical dynamics, migrations, and settlement of immigrants in Italy.
- Historical cartography, geohistorical reconstructions, and landscape studies.
- International cooperation projects (sustainable tourism, agriculture, cultural heritage).
- Thematic atlases (water resources, foreign entrepreneurship, wetlands).
- Innovative teaching methods in geography.

### **Education**

- PhD in Historical Geography, University of Cassino and Southern Lazio (2014).
- PhD in Telematics and Information Society, University of Florence (2008).
- Master's in E-learning Management, University of Florence (2002).
- Laurea in Humanities (Letters and Philosophy), University of Florence (2000).

### **Academic Career**

- Associate Professor, University of Pisa (2022–2023).
- Tenure-Track Researcher (RTD-B), University of Pisa (2019–2022).
- Postdoctoral Fellow and Research Grants, Universities of Florence, Cagliari, Pisa (2004–2019).
- Visiting researcher in international cooperation projects (China, Armenia).

### **Selected Research Projects**

- Documenti e cartografie delle acque della Toscana centrale. Archivio digitale e WebGIS per la storia del governo delle acque a supporto delle politiche di gestione sostenibile delle risorse idriche e di tutela del patrimonio culturale e paesaggistico” (DAFNE), funded by Tuscany Region FSE+
- PRIN 2020 – Emplacing Food (local development and food systems).
- CYPRUS Smart City Platform (EU legislation and smart city strategies).
- Past in Use – PRIN 2015 (cultural landscapes and intangible heritage).
- Interreg Europe CD-ETA (digitization of cultural heritage).
- Silk Road in Armenia (geo-historical analysis of cultural landscapes).
- Italian Landscape Dynamics (national projects on cultural and environmental heritage).
- Italy–China Cooperation Project “Minorities at the Center” (2014–2016) – Funded by Tuscany Region.

### **Teaching**

Political Geography, Geography, Cartography, GIS for Cultural Heritage.  
Courses taught at the University of Florence, Pisa, Cagliari.

### **Experience in bachelor's, master's, and PhD teaching; training for teachers; international workshops.**

#### **Institutional Roles**

- Vice-President, Degree Programs in History, University of Pisa (2021–2023).
- Delegate for Communication and Student Orientation (University of Pisa).
- Head of GIS Lab and Map Library, University of Pisa.
- Member of scientific committees and recruitment boards.

## Professional Engagement and Service

- Participation in Smart City Expo World Congress (Barcelona, 2018–present).
- Collaboration with ESRI Italia, Google Enterprise Partner, and public institutions.
- Responsible for digital platforms and communication projects (PNRR orientation, Digital Library).

## Memberships and Editorial Roles

- Editorial Board, Bollettino della Società Geografica Italiana and Bollettino AIC.
- President of the ASITA Scientific Committee (since 2022; President 2019–2021).
- Board Member, Italian Association of Cartography; Italian Association of Geography Teachers.
- Member, AGel, SGI, RSA, AAG.

## Selected Publications (last 2 years)

Author and co-author of over 100 publications, including books, articles, atlases, and reports.

- Borgogno Mondino, E., Zamperlin, P. (Eds.) (2025), Geomatics for Green and Digital Transition, 27th Italian Conference, ASITA 2024, Padua, Italy, December 9-13, 2024, Proceedings, Part I and II, Communications in Computer and Information Science, Springer Cham
- Zamperlin P. (2025) Digital Water. Soluzioni globali e locali per il monitoraggio delle acque / Digital Water. Global and Local Solutions for Water Monitoring, L'ACQUA, 4, pp. 131-140, ISSN 1125-1255
- Lazzeroni M., Zamperlin P. (2025) Dinamiche di cambiamento e prospettive future di un'area interna. Una lettura storico-geografica della Garfagnana, in Studi in onore di Sergio Pinna, Editrice La Vela.
- Lazzeroni M., Zamperlin P. (2025), Mapping the Fourth Industrial Revolution in Italy: Innovation and Inequality Dynamics, Bollettino AIC, in print.
- Lazzeroni M., Romano A., Zamperlin P. (2025), Slow Big Data: mobilità urbana e patrimonio culturale e ambientale attraverso la GeoAI, Bollettino della Società Geografica Italiana, in print
- Lazzeroni M., Romano A., Zamperlin P. (2025), Mobilità urbana e patrimonio culturale: un'analisi predittiva della walkability a Pisa, in S. Benetti, S. Cerutti, G. Pettenati (a cura di), Geografia e patrimonio, Società di Studi Geografici. Memorie geografiche NS 27, 2025, pp. 555-560. Isbn: 978-88-94690170
- Lazzeroni M., Anselmi P., Rossi A., Zamperlin P. (2024) I sistemi del cibo delle aree periferiche di fronte alle dinamiche globali. Il caso della Tuscia viterbese in G. Messina, E. Nicosia, C.M. Porto (a cura di), Oltre la globalizzazione – Sud/South Società di Studi Geografici. Memorie geografiche NS 26, 2024, pp. 115-121. Isbn: 978-88-94690163
- Zamperlin P. (2024), Tecnologie avanzate e dinamiche di convergenza e divergenza dei territori, in S. Cerutti, S. de Falco e T. Graziano (a cura di), Territori in transizione. Geografie delle aree marginali tra permanenze e cambiamenti, XVI Rapporto Società Geografica Italiana, 2024, pp. 100-106.
- Garau, C., Nesi, P., Zamperlin, P. (2024). Beyond the Limits of the City: Strategies to Regenerate Fragile Territories. In: Morar, C., Berman, L., Erdal, S., Niemets, L. (eds) Achieving Sustainability in Ukraine through Military Brownfields Redevelopment. NATOARW 2023. NATO Science for Peace and Security Series C: Environmental Security. Springer, Dordrecht. [https://doi.org/10.1007/978-94-024-2278-8\\_19](https://doi.org/10.1007/978-94-024-2278-8_19)

## Conferences and Invited Talks

Regular speaker at international conferences (ASITA, RSA, ICC, AIC, AGEI, CIPA).

Invited lectures on digital twins, smart cities, cultural landscapes, and GIS.

Co-organizer of major conferences, including the International Cartographic Conference 2021 (Florence).