

Prof. Brunella Brundu

brundubr@uniss.it

Associate Professor of Economic and Political Geography
Department of Economics and Business - University of Sassari

SHORT BIO

Brunella Brundu is Associate Professor at the University of Sassari. The scientific work and related publications focus on topics such as urban and territorial analysis, the emerging functions of smart cities, the evolution of tourism, inner areas, territorial capital, landscape planning, and Free Zones, considered at both global and local scales. These themes are explored through the tools provided by Geomatics. Environmental sustainability is a cross-cutting and essential element throughout all lines of research.

CURRENT RESEARCH INTERESTS

Urban Free Zones, Cold Ironing, Green Ports and Sustainability, Marinas, Yachting, Reshoring.

SELECTED PUBLICATIONS & WPs

- Brundu, B., Carboni, S., 2024. [Cold Ironing: An Analysis of Policies and Its Implementation in Europe with a Focus on the Italian Context and the Future Prospects in Sardinia](#), in: Gervasi, O., Murgante, B., Garau, C., Taniar, D., C. Rocha, A.M.A., Faginas Lago, M.N. (Eds.), Computational Science and Its Applications – ICCSA 2024 Workshops. Springer Nature Switzerland, Cham, pp. 299–310.
- Brundu, B., Battino, S., Carboni, S., 2023. [Smart Touristic Ports – The Emergence of Sustainable Marinas from Smart Conversion. What Future for Sardinians Ports](#), in: Gervasi, O., Murgante, B., Rocha, A.M.A.C., Garau, C., Scorza, F., Karaca, Y., Torre, C.M. (Eds.), Computational Science and Its Applications – ICCSA 2023 Workshops, Lecture Notes in Computer Science. Springer Nature Switzerland, Cham, pp. 37–50.
- Brundu, B., 2022. [Modelli per l'analisi dei paesaggi economici: gli esempi delle città turistiche di Alghero e Olbia \(Nord-Sardegna\)](#). Bollettino dell'Associazione Italiana di Cartografia

WORKING PAPERS

- “Porti Franchi & Zone Franche Urbane: Un’analisi geoeconomica per lo sviluppo territoriale delle aree economicamente svantaggiate attraverso le aree defiscalizzate”, (with Stefano Carboni), under review.
- “La sostenibilità nella Blue Economy. Brevi considerazioni sul turismo nautico in Sardegna”, (with Donatella Carboni), under review.
- Empirical Analysis for Future Excellence Tourism Policies: The Case of Arzachena (Sardinia, Italy)” (with Donatella Carboni and Sonia Malvica), accepted at ICCSA 2025.

PHD SUPERVISION

Stefano Carboni – XXXVII cycle – Post-doc at School of Business University of Skövde (co-supervised with Prof. S. Battino)