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Ricardo Mendes Correia

Associate Researcher

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Contacts

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Curriculum

Ricardo Mendes Correia, PhD in Architecture (ISCTE-IUL 2024), MSc. in Landscape Architecture (UL 2018) and a five-year degree in Land. Architecture (ISA-UTL 1997). Research Assistant at CRIA. Previously at ISTAR-IUL. 28 years experience with Digital Design and Geographic Information Systems and has a degree in this area (IST-UTL 2001). Ricardo also acquired also experience in 3D Models, Virtual Reality and Augmented Reality. Assistant Professor (Non-Tenure Track)

Research Interests

Regional Planning

Urban Planning

Computer Aided Design

Digital Design

Geographic Information Systems

Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitario de Lisboa	PhD	Doutoramento em Arquitectura	2024
Universidade de Lisboa - Instituto Superior de Agronomia	M.Sc.	Arquitectura Paisagista	2018
Universidade de Lisboa - Faculdade de Direito	Post-graduation	Direito do Ambiente	2009
Universidade Técnica de Lisboa - Instituto Superior Técnico	Post-graduation	Sistemas de Informação Geográfica	2001
Universidade Técnica de Lisboa - Instituto Superior de Agronomia	Licenciate	Arquitectura Paisagista	1997

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2024/2025	1º	Urban Management	Integrated Master Degree in Architecture;	No

Total Citations

Web of Science®	3
Scopus	2

Publications

• Scientific Journals

- Scientific journal paper

1	Correia, R. M., Guerreiro, R. & Brandão, F. J. S. (2024). Quais são as zonas de Lisboa com altas densidades de anúncios Airbnb?. <i>Rossio. Estudos de Lisboa</i> . 10, 222-236 - Times Cited Google Scholar: 1
2	Brandão, F. J. S., Correia, R. M. & Paio, A. (2018). Measuring Urban Renewal: a dual Kernel Density Estimation to assess the intensity of building renovation - case study in Lisbon. <i>Urban Science</i> . 2 (3) - Times Cited Google Scholar: 20

• Books and Book Chapters

- Book chapter

1	Correia, R. M. (2025). Ensino de gestão urbana: Práticas e estratégias pedagógicas na formação de arquitetos. In Ana Catarina Nunes, Helena Soares, Isabel Correia, Patrícia Dinis Costa, Vania Baldi, David Isaac, Henrique Lage, Beatriz Saavedra, Gonçalo Tomé Ribeiro, Helena Alvito (Ed.), <i>Novos Exemplos de práticas pedagógicas e estratégias de inovação pedagógica no Iscte</i> . (pp. 251-259). Lisboa: Iscte – Instituto Universitário de Lisboa.
2	Brandão, Filipe J.S., Correia, Ricardo Mendes & Paio, A. (2022). Measuring Urban Renewal: A Dual Kernel Density Estimation to Assess the Intensity of Building Renovation. In Ruivo, Catarina and Leite Viana, David and Morais, Franklim and Vieira Vaz, Jorge (Ed.), <i>Formal Methods in Architecture and Urbanism, Volume 2</i> . (pp. 25-38). Newcastle upon Tyne: Cambridge Scholars Publishing. - Times Cited Google Scholar: 2
3	Correia, Ricardo Mendes, Guerreiro, Maria Rosália & Brandão, Filipe J.S. (2021). Data-Driven Spatial Analysis of Urban Renewal. Network Kernel Density Estimation of Building Renovation. In <i>Formal Methods in Architecture Proceedings of the 5th International Symposium on Formal Methods in Architecture (5FMA), Lisbon 2020</i> . (pp. 185-195).: Springer International Publishing. - Times Cited Web of Science®: 3 - Times Cited Scopus: 2 - Times Cited Google Scholar: 7
4	Correia, Ricardo Mendes, Guerreiro, Maria Rosália & Brandão, Filipe J.S. (2020). Data Driven Spatial Analysis of Urban Renewal. Network Kernel Density Estimation of Building Renovation. In <i>Advances in Science, Technology & Innovation</i> . (pp. 185-195). --: SPRINGER.
5	Machado, J. R., Silva, E., Roquette, R., Rocha, J., Ferreira, J. C., Morgado, P....Correia, R. M. (1997). Municipal master plans for the Lisbon Metropolitan Area (AML) a regional approach. In J.Reis Machado, Jack Ahern (Ed.), <i>Environmental Challenges In An Expanding Urban World And The Role Of Emerging Information Technologies Conference</i> . (pp. 291-302). Lisboa: CNIG, MEPAT. - Times Cited Google Scholar: 5

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Correia, R. M. & Guerreiro, R. (2019). The roots of 4IR in architecture: a military drawing machine used for space perception in architecture. In Sousa, JP, Henriques, GC and Xavier, JP (Ed.), <i>eCAADe SIGraDI 2019: Architecture in the Age of the 4th Industrial Revolution</i> . (pp. 397-406). Porto: ECAADE-EDUCATION & RESEARCH COMPUTER AIDED ARCHITECTURAL DESIGN EUROPE. - Times Cited Google Scholar: 3
2	Correia, R. M. & Guerreiro, R. (2019). The roots of 4IR in architecture: A military drawing machine used for space perception in architecture. In Souza, J. P., Henriques, G. C., and Xavier, J. P. (Ed.), <i>Proceedings of 37 eCAADe and XXIII SIGraDi Joint Conference, "Architecture in the Age of the 4Th Industrial Revolution"</i> . (pp. 397-406). Porto: Blucher. - Times Cited Google Scholar: 3
3	Correia, R. M., Paio, A. & Brandão, F. (2018). Transdisciplinary in Architecture as a digital change: back to the future. In Laia Fidalgo (Ed.), <i>Congreso ICDHS 10th+1</i> . (pp. 179-179). Barcelona: Edicions de la Universitat de Barcelona. - Times Cited Google Scholar: 2
4	Correia, R. M. (2018). Transdisciplinary vision of digital architecture through computational methods of mapping, analysis and visualization. In Sara Eloy, Manuel Alberto M. Ferreira, Maria João Oliveira (Ed.), <i>ISTAR-IUL Winter School 2018 Applied Transdisciplinary Research</i> . (pp. 23-24). Lisboa: Information Sciences, Technologies and Architecture Research Center (ISTAR-IUL).

5	Correia, R., Paio, A. & Brandão, F. (2018). Transdisciplinary in Architecture as a digital change: back to the future. In Oriol Moret (Ed.), ICDHS 10th+1 BARCELONA 2018 - Back To The Future (The Future In The Past). (pp. 706-710). Barcelona: Universitat de Barcelona.
6	Brandão, F., Correia, R. M. & Paio, A. (2018). Measuring urban renewal: a dual kernel density estimation to assess the intensity of building renovation. In David Leite Viana, Franklin Morais, Jorge Vaz (Ed.), 4th International Symposium Formal Methods in Architecture. (pp. 32-32). Porto: Escola Superior Artística do Porto.
7	Correia, R. M., Paio, A. & Soares, L. A. (2018). Architectural design digital change: interactivity policy. In XXII International Conference Of The Iberoamerican Society Of Digital Graphics, SIGRADI. (pp. 798-804). São Carlos: Blucher . - Times Cited Google Scholar: 1
8	Correia, Ricardo Mendes, Paio, A. & Brandão, Filipe J.S. (2018). Transdisciplinary digital change: science and architecture. In 4th International Symposium Formal Methods in Architecture. Porto
9	Correia, Ricardo Mendes (2018). Transdisciplinary Vision of Digital Architecture – An Historical Perspective. In Global Dwelling: Intertwining Community, Sustainability and Technology. Lisboa
10	Correia, R. M., Brandão, F. & Paio, A. (2017). Transdisciplinary insight of digital architecture. In XXI Congreso Internacional de la Sociedad Iberoamericana de Gráfica Digital. Concepcion: Editora Blucher. - Times Cited Google Scholar: 1
11	Brandão, F., Correia, R. & Paio, A. (2017). Rhythms of renewal of the city. In XXI Congreso de la Sociedad Iberoamericana de Gráfica Digital. (pp. 492-498). Concepcion: Editora Blucher.
12	Correia, R., Paio, A. & Brandão, F. (2017). Rhythms of renewal of the city. In Pablo Herrera (Ed.), SIGraDi 2017, XXI Congreso de la Sociedad Ibero-americana de Gráfica Digital, Blucher Design Proceedings. Concepción: Blucher. - Times Cited Google Scholar: 5
13	Correia, R., Brandão, F. & Paio, A. (2017). Transdisciplinary insight of digital architecture. In Pablo Herrera (Ed.), SIGraDi 2017, XXI Congreso de la Sociedad Ibero-americana de Gráfica Digital, Blucher Design Proceedings. Concepción: Blucher. - Times Cited Google Scholar: 1
14	Correia, R. M. (2017). Transdisciplinary view of digital architecture. In Conference for Artistic and Architectural (Doctoral) Research. (pp. 4-40). Ljubljana: University of Ljubljana, Faculty of Architecture.

- Talk

1	Ribeiro, Sónia Mota, Penetra, Maria João, Correia, Ricardo Mendes, Mineiro Teixeira, Laura & Machado, Newton (2024). Travessa das Peras - Fabricando patrimónios. APRESENTAÇÃO PÚBLICA dos resultados do In2Future Boot Camp do Laboratório Associado para a Investigação e Inovação em Património, Artes, Sustentabilidade e Território - IN2PAST. https://in2past.org/events/public-presentation-in2future-boot-camp-and-debate-the-challenges-of-interdisciplinarity/ .
2	Ribeiro, Sónia Mota, Penetra, Maria João, Correia, Ricardo Mendes, Mineiro Teixeira, Laura & Machado, Newton (2024). «Travessa das Peras» - Fabricando patrimónios. Anarchiving Évora's Heritages: Towards an Ecology of Pratices. Festival Imaterial IN2PAST / Évora 27 - Capital Europeia da Cultura (Évora, Portugal).

3	Correia, Ricardo Mendes, Guerreiro, Maria Rosália & Brandão, Filipe J.S. (2021). Spatial Analysis of Airbnb in Lisbon. A Network Kernel Density Estimation. Spatial Humanities 2021. - Times Cited Google Scholar: 2
4	Correia, Ricardo Mendes, Guerreiro, Maria Rosália & Brandão, Filipe J.S. (2020). Data Driven Spatial Analysis of Urban Renewal. Network Kernel Density Estimation of Building Renovation. 5th International Symposium Formal Methods in Architecture.
5	Correia, Ricardo Mendes & Guerreiro, Maria Rosália (2019). The roots of 4IR in Architecture - A military drawing machine used for space perception in architecture. eCAADe SIGraDi Conference Porto 2019.
6	Correia, Ricardo Mendes, Paio, A. & Brandão, Filipe J.S. (2018). Transdisciplinary in Architecture as a digital change: back to the future. ICDHS10th+1.
7	Brandão, Filipe J.S., Correia, Ricardo Mendes & Paio, A. (2018). Measuring Urban Renewal: a dual kernel density estimation to assess the intensity of building renovation. 4th International Symposium: Formal Methods in Architecture.
8	Correia, Ricardo Mendes, Paio, A. & Soares, Luísa Soares (2018). Architectural design digital change: interactivity policy. XXII International Conference Of The Iberoamerican Society Of Digital Graphics, SIGRADI.
9	Correia, Ricardo Mendes (2018). Do CAD como Projecto de Investigação à Arquitetura Digital. Colóquio Arquitetura dos Territórios Metropolitanos Contemporâneos.
10	Correia, Ricardo Mendes, Brandão, F.J. & Paio, A. (2017). Transdisciplinary insight of digital architecture. XXI SIGraDi: Resilience Design .
11	Brandão, F. J. S., Correia, Ricardo Mendes & Paio, A. (2017). Rhythms of Renewal of the City. XXI SIGraDi: Resilience Design .
12	Correia, Ricardo Mendes (2017). Transdisciplinary view of digital architecture. CA2RE.
13	Correia, Ricardo Mendes (2017). Transdisciplinary vision of digital architecture through computational methods of mapping, analysis and visualization . 1º Encontro Nacional de Investigação em Arquitectura (ENIA) .
14	Correia, Ricardo Mendes, Elisabete Silva, Graça Saraiva & João Reis Machado (1997). Os SIGs na Analise de Continuidades Interconcelhias da Reserva Ecológica Nacional e da Reserva Agrícola Nacional. IV Encontro sobre Sistemas de Informacao Geografica / I Congresso de Informacao Geografica - Proceedings do ESIG.

• Other Publications

- Non-peer-reviewed papers

1	Correia, Ricardo Mendes, Guerreiro, Maria Rosália & Brandão, Filipe J.S. (2021). Data Driven Spatial Analysis of Urban Renewal. Network Kernel Density Estimation of Building Renovation . Advances in Science, Technology & Innovation.
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- Other publications

1	Correia, Ricardo Mendes (2018). Mudança digital no desenho arquitetónico: uma outra visão para a arquitetura paisagista.
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- Master's Dissertation

1	Correia, Ricardo Mendes (2018). Mudança digital no desenho arquitetónico: uma outra visão para a arquitetura paisagista.
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- Doctoral Thesis

1	Correia, Ricardo Mendes (2024). Sistemas de informação geográfica na avaliação de fenómenos urbanos emergentes: O papel do Airbnb no crescimento da reabilitação urbana em {Lisboa} (2015-2019).
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Diffusion Activities			
Activity Type	Event Title	Activity Description	Year
Talk/Conference in public diffusion event	Portugal Smart Cities Summit 2025	Speaker at the Portugal Smart Cities Summit - FIL, representing ISCTE-IUL. Airbnb and Urban Renewal: Dynamics, Conflicts and Paths to Smart Urban Planning	2025