Ricardo Pontes Resende

Professor Associado
ISTAR-Iscte - Information Sciences, Technologies and Architecture Research Centre
Department of Digital Technologies (ETDA)

Contacts

E-mail	ricardo.resende@iscte-iul.pt
Office	D3.19
Telephone	217650389 (Ext: 220847)
Post Box	84

Curriculum

Associate Professor, coordinator of the degree programme in Digital Technologies, Buildings and Sustainable Construction at the Iscte-Sintra School of Applied Digital Technologies. Integrated researcher at ISTAR-Iscte.
Researcher and consultant in sustainable construction and digital transformation of the construction industry, through the Building Information Modelling methodology and technologies such as photogrammetry, IoT, VR and AR.

Graduated in Civil Engineering (2000), MSc in Structural Engineering (2003) by Lisbon University (IST) and PhD in Civil Engineering (2010) by the University of Porto.

Research Interests

- Building Information Modelling
- Virtual and Augmented Reality
- Game Engines

Numerical Simulation

Academic Qualifications

University/Institution	Type	Degree	Period
Ordem dos Engenheiros	Other type of qualification	Curso BIM	2017
Universidade do Porto Faculdade de Engenharia	PhD	Engenharia Civil	2010
Instituto Superior Técnico - UTL	M.Sc.	Engenharia de Estruturas	2003
Instituto Superior Técnico - UTL	Licenciate	Engenharia Civil	2000

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2025/2026	2º	Sustainable Built Environment		Yes
2025/2026	2º	Construction Management		Yes
2025/2026	2º	Building Information Modelling Modelling III	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2025/2026	2º	Applied Digital Construction Technologies Project II	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2025/2026	1º	BIM Coordination		Yes
2025/2026	1º	Advanced Tools and Programming for Construction		Yes
2025/2026	1º	Building Information Modelling Modelling II		Yes
2025/2026	1º	Applied Digital Construction Technologies Project I	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2025/2026	1º	Building Construction Systems and Processes II	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2025/2026	1º	Materials Science	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2025/2026	1º	Construction Quality and Safety		Yes

2024/2025	2º	Fundamentals of Building Physics	Integrated Master Degree in Architecture;	Yes
2024/2025	2º	Constructions Systems IV	Integrated Master Degree in Architecture;	Yes
2024/2025	2º	Building Information Modelling Modelling I		Yes
2024/2025	2º	Building Information Modelling Modelling III	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2024/2025	2º	Building Construction Systems and Processes I	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2024/2025	2º	Building Utilities and Smart Buildings		Yes
2024/2025	2º	Survey and Diagnostic Techniques and Building Rehabilitation		Yes
2024/2025	1º	Project and Construction Management	Integrated Master Degree in Architecture;	Yes
2024/2025	1º	Drawing		Yes
2024/2025	1º	Building Information Modelling Modelling II		Yes
2024/2025	1º	Building Construction Systems and Processes II	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2024/2025	1º	Introduction to Built Environment		Yes
2024/2025	1º	Materials Science	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2024/2025	1º	Construction Quality and Safety		Yes
2024/2025	1º	Upcoming Digital Technologies for Sustainable Construction	Winter course in Upcoming Digital Technologies for Sustainable Construction (TRIVARSITY);	Yes
2023/2024	2º	Fundamentals of Building Physics	Integrated Master Degree in Architecture;	Yes
2023/2024	2º	Construction Systems II	Integrated Master Degree in Architecture;	No
2023/2024	2º	Constructions Systems IV	Integrated Master Degree in Architecture;	Yes
2023/2024	2º	Building Information Modelling Modelling I		Yes
2023/2024	2º	Building Construction Systems and Processes I	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes

2023/2024	1º	Project and Construction Management	Integrated Master Degree in Architecture;	Yes
2023/2024	1º	Drawing		Yes
2023/2024	1º	Disruptive Technologies	Master Degree in Digital Technologies for Business;	No
2023/2024	1º	Introduction to Built Environment		Yes
2023/2024	1º	Materials Science	Bachelor Degree in Digital Technology and Sustainable Built Environment;	Yes
2022/2023	2º	Fundamentals of Building Physics	Integrated Master Degree in Architecture;	Yes
2022/2023	2º	Construction Systems II	Integrated Master Degree in Architecture;	No
2022/2023	2º	Constructions Systems IV	Integrated Master Degree in Architecture;	Yes
2022/2023	2º	Phd Thesis in Architecture of Contemporary Metropolitan Territories		No
2022/2023	1º	Construction Systems I	Integrated Master Degree in Architecture;	Yes
2022/2023	1º	Constructions Systems III	Integrated Master Degree in Architecture;	Yes
2022/2023	1º	Environment and Sustainability		Yes
2022/2023	1º	Project and Construction Management	Integrated Master Degree in Architecture;	Yes
2022/2023	1º	Research Methods in Architecture of Contemporary Metropolitan Territories		No
2022/2023	1º	Seminars on Digital Design and Sustainability		Yes
2021/2022	2º	Fundamentals of Building Physics	Integrated Master Degree in Architecture;	Yes
2021/2022	2º	Construction Systems II	Integrated Master Degree in Architecture;	No
2021/2022	2º	Constructions Systems IV	Integrated Master Degree in Architecture;	Yes
2021/2022	2º	Phd Thesis in Architecture of Contemporary Metropolitan Territories		No
2021/2022	2º	Advanced Digital Tools		Yes

2021/2022	1º	Project and Construction Management	Integrated Master Degree in Architecture;	Yes
2021/2022	1º	Research Project in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	No
2021/2022	1º	Research Methods in Architecture of Contemporary Metropolitan Territories		No
2021/2022	1º	Seminars on Digital Design and Sustainability		No
2020/2021	2º	Fundamentals of Building Physics	Integrated Master Degree in Architecture;	Yes
2020/2021	2º	Construction Systems II	Integrated Master Degree in Architecture;	No
2020/2021	2º	Constructions Systems IV	Integrated Master Degree in Architecture;	Yes
2020/2021	1º	Constructions Systems III	Integrated Master Degree in Architecture;	No
2020/2021	1º	Project and Construction Management	Integrated Master Degree in Architecture;	Yes
2020/2021	1º	Research Project in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	No
2020/2021	1º	Research Methods in Architecture of Contemporary Metropolitan Territories		No
2019/2020	2º	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		No
2019/2020	2º	Research Seminar in Architecture of Contemporary Metropolitan Territories		No
2019/2020	2º	Virtual and Augmented Reality for Architecture		Yes
2019/2020	2º	Structures IV		Yes
2019/2020	2º	Structures II		Yes
2019/2020	2º	Building Systems		Yes
2019/2020	2º	Architecture Final Project		No

2019/2020	1º	Materials in Architecture		Yes
2019/2020	1º	Structures III		Yes
2019/2020	1º	Architecture Final Project		No
2018/2019	1º	Materials in Architecture		Yes
2018/2019	1º	Structures III		Yes

Supervisions

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Luís Miguel Torres Curado	Circular economy - tools for construction designers	English	Developing	Iscte
2	Sara Margarida Cabral Parece	Adressing Material effiency in building renovation scenarios: BIM-based decision support tool	English	Developing	Iscte
3	Cliffton S Moser	Why we build. Creating Autonomous Constructors.	English	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Bruno Miguel Gonçalves Mataloto	Social - IoT 4 Resource Savings and Buildings Management	English	Iscte	2024
2	Nuno Antonio do Sacramento Penacho Pereira da Silva	Advancing Construction Technologies: Integrating HumanMachine Collaboration and Drone Robotic Construction in a Comprehensive XR-Simulated Environments Methodology.	English	Iscte	2024

• M.Sc. Dissertations

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Tiago Furtado Piques Martins Mota	Blockchain technology for the construction industry	English	Iscte	2020

2	André Rajkotia	ITChallengeYou - Virtual Reality applied to the Selection process in the field of Information Technologies	Portuguese	Iscte	2019
3	Hugo João Leitão Silva	Mixed reality application to support building maintenance	English	Iscte	2018
4	Stuart Costa Martinho	Find Me! ? an Indoor Location System	English	Iscte	2018

- **M.Sc. Final Projects**

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Vasco Alexandre Lima Pereira	Urban Vitality and Spatial Performance: A Requalification Strategy for Olivais Sul	Portuguese	Iscte	2025
2	Milton Durval Afonso Barbosa	Virtual Reality as an Architecture Tool	Portuguese	Iscte	2019
3	Bruno Miguel de Paiva Carvalho	Integração da simulação de multidões BIM.	Portuguese	Iscte	2018
4	Micael Raposo Pepe	O BIM no Ensino da Arquitectura em Portugal	Portuguese	Iscte	2017
5	Rúben Alexandre Andrade Ferreira	Metodologia BIM Aplicada à Reabilitação de Edifícios - Impactos em Projecto e Obra	Portuguese	Iscte	2017
6	Guida de Jesus Macedo Ramos	Realidade Virtual em Arquitetura: Representação e simulação do campo de treino e formação militar da Aldeia Camões	Portuguese	Iscte	2017
7	Francisco Manuel Correia de Menezes Leal	Scan 3D - "Low Cost" em Arquitectura	Portuguese	Iscte	2014

Total Citations

Web of Science®	460
Scopus	530

Publications

- **Scientific Journals**

- Scientific journal paper

1	Parece, S., Resende, R. & Rato, V. (2025). Stakeholder perspectives on BIM-LCA integration in building design: Adoption, challenges, and future directions. Building and Environment. 284 - Times Cited Web of Science®: 10 - Times Cited Scopus: 9 - Times Cited Google Scholar: 14
2	Parece, S., Resende, R. & Rato, V. (2025). BIM-based life cycle assessment: A systematic review on automation and decision-making during design. Building and Environment. 282 - Times Cited Web of Science®: 25 - Times Cited Scopus: 26 - Times Cited Google Scholar: 30
3	Domingos, L., Sousa, M. J., Resende, R., Miranda, B. P., Rego, S. & Ferreira, R. (2024). Establishment of a smart building assessment framework in the context of smart cities. Built Environment Project and Asset Management. 14 (5), 798-813 - Times Cited Web of Science®: 2 - Times Cited Scopus: 4 - Times Cited Google Scholar: 5
4	Stellacci, S., Domingos, L. & Resende, R. (2024). Integrated computational approaches for energy retrofit of historical buildings in extreme climate environments. International Journal of Building Pathology and Adaptation. 42 (1), 114-132 - Times Cited Web of Science®: 6 - Times Cited Scopus: 5 - Times Cited Google Scholar: 8
5	Curado, M. T., Resende, R. & Rato, V. M. (2024). Circular economy: Current view from the construction industry based on published definitions. Sustainability: Science, Practice and Policy. 20 (1) - Times Cited Web of Science®: 8 - Times Cited Scopus: 10 - Times Cited Google Scholar: 17
6	Parece, S., Resende, R. & Rato, V. (2024). A BIM-based tool for embodied carbon assessment using a construction classification system. Developments in the Built Environment. 19 - Times Cited Web of Science®: 34 - Times Cited Scopus: 37 - Times Cited Google Scholar: 52
7	Mataloto, B., Ferreira, J. & Resende, R. (2023). Long term energy savings through user behaviour modeling in smart homes. IEEE Access. 11, 44544-44558 - Times Cited Web of Science®: 14 - Times Cited Scopus: 18
8	Silva, N., Eloy, S. & Resende, R. (2022). Robotic construction analysis: Simulation with virtual reality. Heliyon. 8 (10) - Times Cited Web of Science®: 17 - Times Cited Scopus: 23 - Times Cited Google Scholar: 30
9	Paixão, A., Muralha, J., Resende, R. & Fortunato, E. (2022). Close-range photogrammetry for 3D rock joint roughness evaluation. Rock Mechanics and Rock Engineering. 55, 3213-3233 - Times Cited Web of Science®: 38 - Times Cited Scopus: 38 - Times Cited Google Scholar: 52

10	Parece, S., Rato, V., Resende, R., Pinto, P. & Stellacci, S. (2022). A methodology to qualitatively select upcycled building materials from urban and industrial waste. Sustainability. 14 (6) - Times Cited Web of Science®: 16 - Times Cited Scopus: 21 - Times Cited Google Scholar: 31
11	Mataloto, B., Calé, D., Carimo, K., Ferreira, J. & Resende, R. (2021). 3D IoT dystem for environmental and energy consumption monitoring system. Sustainability. 13 (3) - Times Cited Web of Science®: 18 - Times Cited Scopus: 22 - Times Cited Google Scholar: 30
12	Mataloto, B., Ferreira, J., Resende, R., Moura, R. & Sílvia, L. (2020). BIM in People2People and Things2People interactive process. Sensors. 20 (10), 1-18 - Times Cited Web of Science®: 11 - Times Cited Scopus: 14 - Times Cited Google Scholar: 25
13	Jerónimo, P., Resende, R. & Fortunato, E. (2020). An assessment of contact and laser-based scanning of rock particles for railway ballast. Transportation Geotechnics. 22 - Times Cited Web of Science®: 18 - Times Cited Scopus: 22 - Times Cited Google Scholar: 24
14	Resende, R. (2018). MODELAÇÃO DO MACIÇO ROCHOSO PARA AVALIAÇÃO DO COMPORTAMENTO DE BARRAGENS DE BETÃO SUJEITAS A VIBRAÇÕES EXPLOSIVAS. Mecânica Experimental.
15	Ferreira, J. C., Resende, R. & Stuart Martinho, S. (2018). Beacons and BIM models for indoor guidance and location. Sensors. 18 (12) - Times Cited Web of Science®: 41 - Times Cited Scopus: 40 - Times Cited Google Scholar: 51
16	Fonseca, R., Gomes, J., Lemos, J. & Resende, R. (2018). Modelação do maciço rochoso para avaliação do comportamento de barragens de betão sujeitas a vibrações explosivas. Mecânica Experimental. 30, 61-70 - Times Cited Google Scholar: 2
17	Paixão, A., Resende, R. & Fortunato, E. (2018). Photogrammetry for digital reconstruction of railway ballast particles – a cost-efficient method. Construction and Building Materials. 191, 963-976 - Times Cited Web of Science®: 71 - Times Cited Scopus: 77 - Times Cited Google Scholar: 99
18	Resende, R., Muralha, J., Ramos, A. L. & Fortunato, E. (2015). Rock joint topography: three-dimensional scanning and numerical analysis. Géotechnique Letters. 5 (4), 318-323 - Times Cited Web of Science®: 12 - Times Cited Scopus: 12 - Times Cited Google Scholar: 18
19	Resende, R., Lamas, L., Lemos, J. V. & Calçada, R. (2014). Stress wave propagation test and numerical modelling of an underground complex. International Journal of Rock Mechanics and Mining Sciences. 72, 26 - 36 - Times Cited Web of Science®: 31 - Times Cited Scopus: 31 - Times Cited Google Scholar: 37

20	Ramos, A. L., Fortunato, E., Resende, R. & Muralha, J. (2014). Caracterização e modelação numérica da rugosidade de descontinuidades rochosas. Geotecnia. 132, 5-22 - Times Cited Google Scholar: 2
21	Paio, A., Eloy, S., Rato, V., Ricardo, R. & Oliveira, M.J. (2012). Prototyping Vitruvius, new challenges: digital education, research and practice. Nexus Network Journal. 14 (3), 409-429 - Times Cited Web of Science®: 17 - Times Cited Scopus: 18 - Times Cited Google Scholar: 45
22	Resende, R., Lamas, L., Lemos, J. V. & Calçada, R. (2010). Micromechanical modelling of stress waves in rock and rock fractures. Rock Mechanics and Rock Engineering. 43 (6), 741-761 - Times Cited Web of Science®: 67 - Times Cited Scopus: 69 - Times Cited Google Scholar: 67

• Other Publications

- Architecture project publications

1	Mendes, P., Eloy, S. & Resende, R. (2017). Anuário de Arquitetura 2015-2016.
2	Mendes, P., Eloy, S. & Resende, R. (2016). Anuário de Arquitetura 2014-2015.

- Working Papers

1	Pereira da Silva, N., Eloy, S. & Resende, R. (N/A). Robotic Construction Analysis: Human-Machine Simulation in Augmented Reality. Robotic Construction Analysis: Human-Machine Simulation in Augmented Reality.

- Other publications

1	Ferreira, J., Resende, R., Fernandes-Jesus, M. & Rato, V. (2019). Social IoT Platform. 1ª Conferência Campus Sustentável.
2	Catarina Santos, Ferreira, J., Rato, V. & Resende, R. (2018). Public Building Energy Efficiency - An IoT Approach. International Symposium on Ambient Intelligence. - Times Cited Google Scholar: 9
3	Stuart Martinho, S., Ferreira, J. & Resende, R. (2018). Find_Me: IoT Indoor Guidance System. International Symposium on Ambient Intelligence.
4	Ferreira, J., Resende, R. & Stuart Martinho, S. (2018). Beacons and BIM Models for Indoor Guidance and Location.
5	Fonseca, R., Gomes, J., Lemos, J.V. & Resende, R. (2018). Modelação do maciço rochoso para avaliação do comportamento de barragens de betão sujeitas a vibrações explosivas. IX Congresso Luso-Brasileiro de Geotecnia.
6	Fonseca, R., Gomes, J., Lemos, J.V. & Resende, R. (2018). Modelação do maciço rochoso para avaliação do comportamento de barragens de betão sujeitas a vibrações explosivas. IX Congresso Luso-Brasileiro de Geotecnia.

7	Eloy, S. & Resende, R. (2017). Nota de Abertura. Anuário de Arquitetura 2015/2016. 4-4
8	Resende, R., Luís Coroado, Lopes, A., Rodrigo Sacadura, Maria Helena Teixeira, Eloy, S....Dias, J. (2016). Plataforma Web-BIM para Gestão de Instalações de um Campus Universitário. 1º Congresso Português de Building Information Modelling.
9	Eloy, S., André, P., Resende, R. & Dias, J. (2016). See architecture through digital technologies . CREATE ACHI CONFERENCE.
10	Resende, R., Margarida Espada & Silva Pedro, T. (2016). Realidade Virtual aplicada às Obras Subterrâneas. 15º Congresso Nacional de Geotecnia.
11	Resende, R., Muralha, J., André, P. & Fortunato, E. (2016). Estudo do contacto e fecho em descontinuidades rochosas através de digitalização tridimensional. 15º Congresso Nacional de Geotecnia.
12	André, P., Resende, R., Eloy, S. & Luís Coroado (2015). Exposição Escola de Chicago: arranha-céus digitais. Inovação Pedagógica no Ensino Superior: e-learning e Tecnologias Digitais.
13	Resende, R., Ramos, A. L., Muralha, J. & Fortunato, E. (2014). Characterisation and Numerical Modelling of the Geometry of Rock Joints. ARMS 8 - The 2014 ISRM International Symposium - 8th Asian Rock Mechanics Symposium - Rock Mechanics for Global Issues - Natural Disasters, Environment and Energy.
14	Resende, R., Fortunato, E. & Nuno Craveiro (2013). Dynamic simulation of vibration propagation on an underground tunnel network set in hard rock. Congress on Numerical Methods in Engineering 2013. 1, 531-550

- Doctoral Thesis

1	Resende, R. (2010). An investigation of stress wave propagation through rock joints and rock masses. - Times Cited Google Scholar: 30

- Newspaper article

1	Resende, R. (2024). A vantagem competitiva da exploração da informação na construção. Construção Magazine. 121, 32-36
2	Resende, R. (2023). O modelo tecnológico do Digital Twin. Construção Magazine. 117
3	Resende, R. & Ferreira, J. (2020). Edifícios Inteligentes. Intelcities. 5, 39-41

- Report

1	Lima,R., Couto, P., Falcão, M.J., Salgado,F., Resende, R. & Parece, S. (2021). Análise de conceitos, normas e sistemas de classificação da informação da construção.
2	Eloy, S. & Resende, R. (2016). Relatório Projeto Final de Arquitetura .

• Books and Book Chapters

- Book chapter

1	Parece, S., Resende, R. & Rato, V. (2025). Current trends and challenges in BIM–LCA integration. In Leonor Marques Mano Domingos, Maria José Sousa (Ed.), Swarm Intelligence applications for the cities of the future. (pp. 187-218). Boca Raton: CRC Press. - Times Cited Scopus: 2 - Times Cited Google Scholar: 3
2	Mataloto, B., Ferreira, J. & Resende, R. (2025). Sensors and Networks for Savings and Comfort of Cities' Inhabitants. In Swarm Intelligence Applications for the Cities of the Future.: Taylor & Francis Group.
3	Resende, R. & Parece, S. (2024). Desafios do carbono Incorporado e da avaliação de ciclo de vida nos edifícios. In Joana Mourão, Nadir Bonaccorso (Ed.), Guia de formação em arquitetura bioclimática e eficiência energética dos Açores. (pp. 46-55). Ponta Delgada: Ordem dos Arquitectos – Secção Regional dos Açores.
4	Gomes, J., Eloy, S., Silva, N., Resende, R. & Dias, L. (2021). A Quasi-real Virtual Reality Experience: Point Cloud Navigation. In Sara Eloy, Anette Kreutzberg, Ioanna Symeonidou (Ed.), Virtual Aesthetics in Architecture Designing in Mixed Realities.: Routledge. - Times Cited Google Scholar: 2
5	André, P., Eloy, S., Curado, L., Dias, J. & Resende, R. (2015). Exposição: "Escola de Chicago: Arranha-céus digitais. In Neuza Pedro (Ed.), E-learning & tecnologias digitais: Experiências de inovação pedagógica no ensino superior. (pp. 110-122). Lisboa: Instituto de Educação da Universidade de Lisboa. - Times Cited Google Scholar: 4

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Domingos, L., Parece, S. & Resende, R. (2025). Optimising Sustainability through digital tools: Energy and Carbon Comparative Analysis of Brick, Concrete and Wood Frame construction envelopes in Coimbra Residences. In Formal Methods in Architecture - Proceesings of the 7th International Symposium on Formal Methods in Architecture (7FMA), Porto, 2024.: Springer.
2	Gomes, T., Vieira, G., Ribeirinho, L., Resende, R., Hipólito, A., Feio, C....Gordinho, P. (2024). Desenvolvimentos BIM no Plano Geral de Drenagem de Lisboa: Comunicação, acompanhamento e controlo. In António Aguiar Costa, Miguel Azenha (Ed.), Livro de atas do Congresso ptBIM 2024. (pp. 559-569). Lisboa: UMinho Editora.
3	Gomes, T., Vieira, G., Ribeirinho, L., Resende, R., Hipólito, A., Feio, C....Gordinho, P. (2024). Desenvolvimentos BIM no Plano Geral de Drenagem de Lisboa: Modelação, planeamento físico e integração com o SIG. In António Aguiar Costa, Miguel Azenha (Ed.), Livro de atas do Congresso ptBIM 2024. (pp. 507-517). Lisboa: UMinho Editora. - Times Cited Google Scholar: 1
4	Silva Pedro, T., Ferreirinha, P. & Resende, R. (2024). Integração de dados na construção: Desafios e soluções. In António Aguiar Costa, Miguel Azenha (Ed.), Livro de atas do Congresso ptBIM 2024. (pp. 349-360). Lisboa: UMinho Editora.
5	Parece, S., Silva Pedro, T., Gonçalves, T., Rodrigues, P. & Resende, R. (2024). Uma ferramenta baseada em BIM para a avaliação expedita do carbono incorporado utilizando o sistema de classificação SECClasS. In António Aguiar Costa, Miguel Azenha (Ed.), 5º Congresso Português de Building Information Modelling. (pp. 223-235). Lisboa: UMinho Editora. - Times Cited Google Scholar: 1

6	Silva, N. P. da., Eloy, S. & Resende, R. (2023). Drone robotic construction: A methodology for simulating the construction performed by drones using virtual and augmented reality. In Dokonal, W., Hirschberg, U., and Wurzer, G. (Ed.), Digital Design Reconsidered - Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe (eCAADe 2023). (pp. 781-790). Graz, Austria: eCAADe (Education and Research in Computer Aided Architectural Design in Europe). - Times Cited Google Scholar: 1
7	Gomes, T. A., Vieira, G. D., Ribeirinho, L., Resende, R. P., Hipólito, A. & Rocha, F. (2022). Desafios BIM na implementação do plano geral de drenagem de Lisboa. In Azenha, M., Lino, J. C., Granja, J., Figueiredo, B., e Martins, J. P. (Ed.), 4º Congresso Português de Building Information Modelling - ptBIM. (pp. 323-334). Braga: UMinho Editora. - Times Cited Google Scholar: 1
8	Mendez, A., Cale, D., Salgado, F., Almeida, I., Miranda, J. M., Granja, J....Pedro, T. (2022). Projeto SECCLASS: O desenvolvimento de um sistema de classificação da construção com componente de sustentabilidade adaptado ao BIM. In Azenha, M., Lino, J. C., Granja, J., Figueiredo, B., e Martins, J. P. (Ed.), 4º Congresso Português de Building Information Modelling - ptBIM. (pp. 268-278). Braga: UMinho Editora. - Times Cited Google Scholar: 4
9	El Sibaii, M., Granja, J., Ribeiro, R. R., Meda, P., Resende, R., Santos, J. dos....Azenha, M. (2022). Rumo à definição de 'Product Data Templates' nacionais para aplicação generalizada em contexto BIM: Esforços da CT197. In Azenha, M., Lino, J. C., Granja, J., Figueiredo, B., e Martins, J. P. (Ed.), 4º Congresso Português de Building Information Modelling - ptBIM. (pp. 245-256). Braga: UMinho Editora. - Times Cited Google Scholar: 6
10	Lima, F., Roux, S., Pedro, T. & Resende, R. P. (2022). Desenvolvimentos na automação da extração de quantidades: Projeto Metabuilding. In Azenha, M., Lino, J. C., Granja, J., Figueiredo, B., e Martins, J. P. (Ed.), 4º Congresso Português de Building Information Modelling - ptBIM. (pp. 180-191). Braga: UMinho Editora.
11	Resende, R. P., Mataloto, B., Dias, L., Ferreira, J. C., Rato, V. & Boné, J. (2020). Digital twins para sustentabilidade e gestão de acidentes. In Martins, J. P., Costa, A. A., e Sanhudo, L. (Ed.), ptBIM 2020 - 3º Congresso Português de Building Information Modelling. (pp. 785-795). Porto: Universidade do Porto.
12	Martinho, S., Ferreira, J. & Resende, R. (2019). Find_Me: IoT indoor guidance system. In 9th International Symposium on Ambient Intelligence, ISAmI 2018. (pp. 231-238). Toledo: Springer. - Times Cited Scopus: 1 - Times Cited Google Scholar: 6
13	Fonseca, R., Gomes, J., Lemos, J. & Resende, R. (2018). Modelação do maciço rochoso para avaliação do comportamento de barragens de betão sujeitas a vibrações explosivas. In XIX Congresso Brasileiro de Mecânica dos Solos e Engenharia Geotécnica Geotecnia e Desenvolvimento Urbano. Salvador
14	Fonseca, R., Gomes, J., Lemos, J. V. & Resende, R. (2018). Modelação do maciço rochoso para avaliação do comportamento de barragens de betão sujeitas a vibrações explosivas. In Lourenço, P; Flores, P.; Clain, S. (Ed.), XIX Congresso Brasileiro de Mecânica dos Solos e Engenharia Geotécnica Geotecnia e Desenvolvimento Urbano. Guimarães: Universidade do Minho.
15	Ramos, G., Nunes, P. J: T. S., Rouco, J. C., Domingues, M. A. R. C., Dias, M. S., Resende, J. R. P....Dias, L. S. (2018). Planeamento do treino de combate em ambiente urbano, utilizando realidade virtual e aumentada. In 3rd International Symposium on Command and Leadership.: CINAMIL. - Times Cited Google Scholar: 4

16	Santos, C., Ferreira, J. C., Rato, V. & Resende, R. (2018). Public building energy efficiency - an IoT approach. In Novais P.,Duraes D.,Jung J.J.,Fernandez-Caballero A.,Navarro E.,Gonzalez P.,Carneiro D.,Villarrubia Gonzalez G.,Pinto A.,Campbell A.T. (Ed.), 9th International Symposium on Ambient Intelligence, ISAmI 2018. (pp. 65-72). Viena: Springer. - Times Cited Scopus: 3 - Times Cited Google Scholar: 9
17	Pepe, M., Resende, R. & Pinto, P. (2018). O BIM no ensino da arquitetura em Portugal: o caso do ISCTE-IUL. In António Aguiar Costa, Miguel Azenha (Ed.), 2º congresso português de building information modelling. (pp. 656-674). Lisboa - Times Cited Google Scholar: 5
18	Silva, H., Resende, R. & Breternitz, M. (2018). Mixed reality application to support infrastructure maintenance. In 2nd International Young Engineers Forum, YEF-ECE 2018. (pp. 50-54). Costa da Caparica: IEEE. - Times Cited Scopus: 12 - Times Cited Google Scholar: 18
19	Resende, R. P. & Monteiro, J. J. P. (2017). A integração de video lectures no ensino e aprendizagem de Engenharia de Estruturas no Mestrado Integrado em Arquitetura. In 4º Congresso Nacional de Práticas Pedagógicas no Ensino Superior. (pp. 157-162). Setúbal: Instituto Politécnico de Setúbal.
20	Ourique, L., Eloy, S., Resende, R., Dias, J. M., Pedro, T., Miguel, R....Marques, S. (2017). Spatial perception of landmarks assessed by objective tracking of people and space syntax techniques. In Teresa Heitor, Miguel Serra, João Pinelo Silva, Maria Bacharel and Luisa Cannas da Silva (Ed.), 11th International Space Syntax Symposium. (pp. 2086-2101). Lisboa: Instituto Superior Técnico, Departamento de Engenharia Civil, Arquitetura e Georrecursos, Portugal. - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 6
21	Eloy, S., André, P., Resende, R. & Dias, J. (2016). See architecture through digital technologies . In ACHI 2017 : The Tenth International Conference on Advances in Computer-Human Interactions, Conference proceedings. (pp. 23-23). Amsterdam: IARIA. - Times Cited Google Scholar: 3
22	Resende, R., Espada, M. & Pedro, T. (2016). Realidade virtual aplicada às obras subterrâneas. In Fernandes, M. M., Gomes, A. T., Marques, J. C., Rios, S., Ferreira, C., Vieira, C. S., Costa, P. A., Borges, J. L., e Menezes, J. E. T. Q. de. (Ed.), 15CNG: 15º Congresso Nacional de Geotecnia e 8º Congresso Luso-Brasileiro de Geotecnia: Livro de Atas de Conferência Nacional. Porto: Sociedade Portuguesa de Geotecnia.
23	Gaspar, F., Gomes, S., Resende, R., Eloy, S., Dias, M. S., Lopes, M....Faria, N. (2016). ARch4maps: A mobile augmented reality tool to enrich paper maps. In Attar, R., Chronis, A., Hanna, S., and Turrin, M. (Ed.), 2016 Proceedings of the Symposium on Simulation for Architecture and Urban Design. (pp. 179-182). London: SIMULATION COUNCILS, INC. - Times Cited Google Scholar: 7
24	Resende, R., Muralha, J., Ramos, A. L. & Fortunato, E. (2016). Estudo do contacto e fecho em descontinuidades rochosas através de digitalização tridimensional. In Manuel Matos Fernandes, António Topa Gomes (Ed.), 15º Congresso Nacional de Geotecnia. Porto: Sociedade Portuguesa de Geotecnia / Faculdade de Engenharia da Universidade do Porto.
25	Resende, R., Coroado, L., Lopes, A., Sacadura, R., Teixeira, M. H., Eloy, S....Dias, M. S. (2016). Plataforma Web-BIM para gestão de instalações de um campus universitário. In Azenha, M., Martins , J. P., e Granja, J. (Ed.), 1º Congresso Português de Building Information Modelling. (pp. 501-511). Guimarães: Universidade do Minho. - Times Cited Google Scholar: 8

26	Eloy, S., Ourique, F., Resende, R., Dias, J., Freitas, J. & Pedro, T. (2015). Analysing people's movement in the built environment via space syntax, objective tracking and gaze data. In Bob, Martens, Gabriel Wurzer, Thomas Grasl, Wolfgang E. Lorenz, Richard Schaffrenek (Ed.), ECAADe 2015: Proceedings of the 33rd International Conference on Education and Research in Computer Aided Architectural Design in Europe. (pp. 341-350). Viena: eCAADe. - Times Cited Web of Science®: 3 - Times Cited Scopus: 6 - Times Cited Google Scholar: 5
27	Resende, R., Ramos, A., Muralha, J., Fortunato, E. & Lamas, L. (2014). Characterisation and numerical modelling of the geometry of rock joints. In Kiyoshi Kishida (Ed.), ISRM International Symposium: 8th Asian Rock Mechanics Symposium, Proceedings. Sapporo: International Society for Rock Mechanics. - Times Cited Scopus: 2 - Times Cited Google Scholar: 4
28	Resende, R., Fortunato, E., Andrade, C. & Miranda, T. (2014). Vibration propagation in discrete element particle models of rock. In R . Alejano , Áurea Perucho , Claudio Olalla , and Rafael Jiménez (Ed.), 2014 ISRM European Rock Mechanics Symposium (EUROCK 2014): Proceedings. (pp. 871-876). Vigo: Taylor & Francis. - Times Cited Scopus: 3 - Times Cited Google Scholar: 7
29	Resende, R., Lamas, L., Lemos, J.V. & Calçada, R. (2012). An investigation on stress wave propagation in micromechanical models of rock. In Qihu Qian, Yingxin Zhou (Ed.), 12th International Congress on Rock Mechanics of the International Society for Rock Mechanics, ISRM 2011. (pp. 1253-1258). Beijing: CRC Press / Taylor and Francis / Balkema.
30	Resende, R. & Gomes, J. (2010). Simulation of vibration generated by underwater blasting using statistical analysis and numerical modelling. In Jian Zhao, Vincent Labiouse, Jean-Paul Dudt, Jean-François Mathier (Ed.), Eurock 2010. Rock Mechanics in Civil and Environmental Engineering. (pp. 313-316). Lausanne: CRC Press / Taylor and Francis / Balkema. - Times Cited Scopus: 1 - Times Cited Google Scholar: 1
31	Resende, R., Mata, J., Gomes, J. & Neves, J. (2008). Vibration control of underwater blasting works using artificial neural networks. In D. N. Singh (Ed.), 12th Conference of the International Association for Computer Methods and Advances in Geomechanics. (pp. 1906-1914). Goa, India: Curran Associates, Inc. - Times Cited Scopus: 3 - Times Cited Google Scholar: 4
32	Resende, R. & Lemos, J.V. (2006). Seismic Analysis of Tunnels -- The Quasi-Static Method . In C.F. Leung, Y.X Zhou (Ed.), Rock Mechanics in Construction. 4th Asian Rock Mechanics Symposium. (pp. 232-232). Singapura: World Scientific.

- Talk

1	Parece, S., Resende, R. & Rato, V. (2024). Addressing Material Efficiency in Building Renovation Scenarios A BIM-based decision support tool. Encontro Ciência 2024.
2	Domingos, L., Parece, S. & Resende, R. (2024). Optimizing sustainability through digital tools Energy and carbon comparative analysis of brick, concrete and wood frame constructions in Coimbra residences. Formal Methods in Architecture 2024.
3	Parece, S., Resende, R. & Rato, V. (2024). Addressing Material Efficiency in Building Renovation Scenarios, A BIM-based decision support tool. 2024 MIT Portugal Program Annual Conference: Ideias to Impact.

4	Pereira da Silva, N., Eloy, S. & Resende, R. (2023). Drone robotic construction: A methodology for simulating the construction performed by drones using virtual and augmented reality. Digital Design Reconsidered - Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe (eCAADe 2023).
5	Tiago Andrade Gomes & Resende, R. (2023). OPEN BIM para Túneis - IFC4.4. 1º Workshop BIM / SIG - Obras Lineares e Geoténicas.
6	Mataloto, B. & Resende, R. (2023). Building sustainable design and operation through users input. ISTAR Brown Bag Meeting.
7	Resende, R. (2023). Sistemas de Classificação para a Construção. PÓS-GRADUAÇÃO EM COORDENAÇÃO BIM (BUILDING INFORMATION MODELLING).
8	Resende, R. (2023). Potential applications in AEC. Multiple-criteria decision analysis (MCDA) applied to Architecture,Engineering&Construction .
9	Resende, R. & Parece, S. (2022). Avaliação expedita do carbono incorporado em modelos BIM classificados com o sistema de classificação SECClasS. Seminário Prático - Como fazer uma análise de sustentabilidade com BIM HOJE?.
10	Resende, R. & Eloy, S. (2021). Realidade Virtual em Arquitetura. ISCTalks.
11	Mouro, C., Duarte, A.P., Moura, R., Luís, S., Rato, V., Resende, R....Ferreira, J. (2020). Percepção da Comunidade ISCTE sobre a sustentabilidade ambiental e comportamentos pró-ambientais no campus. CCS2020 2ª Conferência Campus Sustentável.
12	Resende, R. (2020). Tecnologias Imersivas para Projeto, Construção e Operação. 3º Congresso Português de Building Information Modelling.
13	Resende, R. (2020). Digital Twins para Sustentabilidade e Gestão de Acidentes. 3º Congresso Português de Building Information Modelling.
14	Resende, R. (2019). Integration of BIM and IoT for Campus Sustainability. Summer School 2019 IoT for Smart Cities.
15	Pereira da Silva, N., Eloy, S. & Resende, R. (2019). Robotic construction: experiments with robotic arms and drones for the building construction industry. CIAC 2019.
16	Micael Pepe, Resende, R. & Pinto, P. (2018). O BIM no ensino da arquitetura em Portugal - o caso do ISCTE-IUL. 2º congresso português de building information modelling.
17	Resende, R. (2017). Engenharia de Estruturas para Arquitetos – video lectures e trabalhos manuais. Seminário MATEAS - Matemática: Ensino e Avaliação no (Ensino) Superior.
18	Resende, R. & Monteiro, J. (2017). A integração de video lectures no ensino e aprendizagem de Engenharia de Estruturas no Mestrado Integrado em Arquitetura. 4º Congresso Nacional de Práticas Pedagógicas no Ensino Superior.
19	Ourique, Lázaro, Eloy, S., Resende, R., Dias, J., Silva Pedro, T., Miguel, J. R....Marques, S. (2017). Spatial perception of landmarks assessed by objective tracking of people and Space Syntax techniques. 11th Space Syntax Symposium. - Times Cited Scopus: 1

20	Gaspar, F., Gomes, Steven, Resende, R., Eloy, S., Dias, J., Mariana Lopes...Faria, Nuno (2016). ARch4maps: a mobile augmented reality tool to enrich paper maps . Symposium on Simulation for Architecture and Urban Design (SimAUD). 179-182
21	Resende, R., Luís Coroado, Lopes, A. L., Rodrigo Sacadura, Maria Helena Teixeira, Eloy, S....Dias, J. (2016). Plataforma Web-BIM para Gestão de Instalações de um Campus Universitário. 1º Congresso Português de Building Information Modelling. 1 - Times Cited Google Scholar: 8
22	Resende, R., Margarida Espada & Silva Pedro, T. (2016). Realidade Virtual aplicada às Obras Subterrâneas. 15º Congresso Nacional de Geotecnia. 1
23	Resende, R., Muralha, J., Ramos, A. L. & Fortunato, E. (2016). Estudo do contacto e fecho em descontinuidades rochosas através de digitalização tridimensional. 15º Congresso Nacional de Geotecnia. 1
24	Leite, Sofia, Resende, R., Dias, J., Eloy, S., Freitas, J., Marques, S....Silva Pedro, T. (2015). User experience during VE navigation quantified by self-report and physiological data . 3rd SUWMIAC - Summer Workshop Microsoft-ISCTE IUL on Applied Computing.
25	Eloy, S., Ourique, Lázaro, Silva Pedro, T., Resende, R., Dias, J. & Freitas, J. (2015). Analysing People's Movement in the Built Environment via Space Syntax, Objective Tracking and Gaze Data. Real Time - Proceedings of the 33rd eCAADe Conference. 1, 341-350
26	Resende, R., Fortunato, E., Andrade, C. & Miranda, T. (2014). Vibration propagation in discrete element particle models of rock. Rock Engineering and Rock Mechanics: Structures in and on Rock Masses. 1, 871-876
27	Resende, R. & Gomes, J. (2007). Vibration propagation during the Leixões Harbour deepening works. 11th Congress of the International Society for Rock Mechancics.

Research Projects

Project Title	Role in Project	Partners	Period
Living Architecture: Designing Symbiotic Habitats with Robots and Local Materials	Researcher	ISTAR-Iscte (DLS), FAUUSP - (Brazil)	2025 - 2027
Urban Adaptation and Alert Solutions for a TIMEly (re)Action	Researcher	ISTAR-Iscte (IS) - Global coordinator, ISTAR-Iscte (DLS), UNIZA - (Slovakia), DANMARKS TEKNISKE UNIVERSITET - (Denmark), WEO SAS - (Luxembourg), KAJO SRO - (Slovakia), ICONS - (Italy), ONE - (Italy), TUU - (Portugal), UP - (Portugal), LIST - (Luxembourg), TECNALIA - (Spain), UDEUSTO - (Spain), TH KOLN - (Germany), ŽSK - (Slovakia), IBS - (Estonia), TEAM - (Spain), VELTIS - (Spain), LCC - (Portugal)	2024 - 2028

Technical support for the development of the “Digital Twin” of the Underground Works of the General Drainage Plan of Lisbon	Global Coordinator	ISTAR-Iscte (DLS), CML - Administrative Coordinator (Portugal)	2021 - 2023
The future of traditional timber-based architecture: A multi-perspective framework to bring overlapping memories and new practices	Researcher	ISTAR-Iscte (DLS) - Leader	2021 - 2023
University Goes Digital for a Sustainable Global Education	Researcher	IRU-Iscte - Leader, BRU-Iscte, ISTAR-Iscte, CIES-Iscte, DINAMIA'CET-Iscte, Webwise Inovação Lda (webwise Inovação Lda) - (Portugal), Université Gustave Eiffel (Université Gustave Eiffel) - (France), Politecnico di Milano (Polimi) - (Italy), SIGMUND FREUD PRIVATUNIVERSITAT WIEN GMBH (SIGMUND FREUD PRIVATUNIVERSITAT WIEN GMBH) - (Austria)	2021 - 2023
Sustainability Enhanced Construction Classification System	Global Coordinator	ISTAR-Iscte (DLS) - Leader, LNEC - (Portugal), UM - (Portugal), A Lab - (Norway), MC - (Portugal)	2020 - 2022
University Community Engagement in Technologies for Sustainability: a Social Architecture.	Researcher	ISTAR-Iscte (RAISE) - Leader, BRU-Iscte, CIS-Iscte	2019
Application of Building Information Modelling to Campus Facility Management	Local Coordinator	ISTAR-Iscte (DLS), UER (ISCTE-IUL) - (Portugal)	--
URBAN WARFARE COMBAT PLANNING TRAINNING USING VIRTUAL AND AUGMENTED REALITY	Researcher	ISTAR-Iscte (DLS)	2017 - 2018
Towards Natural Interaction and Communication	Researcher	ISTAR-Iscte (DLS), Microsoft - (Portugal), Universidad Zaragoza - (Spain), Inova + - (Portugal), UA - (Portugal), faceinmotion - (Portugal), Middle East Technical University - (Portugal)	2018
Virtual Ponte de Sôr	Researcher	ISTAR-Iscte (DLS), Ponte de Sôr - (Portugal), Correia Monteiro arquitetos - (Portugal)	2016 - 2018
Stores Ambient Perception	Researcher	ISTAR-Iscte (DLS), AUDAX - (Portugal)	2016 - 2018

Academic Management Positions

Coordenador do 3º Ano (2025 - 2026)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Director (2025 - 2028)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Coordenador do 2º Ano (2025 - 2026)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Coordenador de Erasmus (2025 - 2028)
Unit/Area: Department of Digital Technologies

Coordenador do 1º Ano (2024 - 2025)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Coordenador do 2º Ano (2024 - 2025)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Director (2023 - 2025)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Coordenador do 1º Ano (2023 - 2024)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Director (2023)
Unit/Area: Bachelor Degree in Digital Technology and Sustainable Built Environment

Membro (Docente) (2020 - 2023)
Unit/Area: Plenário da Comissão Científica

Membro (2020 - 2023)
Unit/Area: Comissão Científica

Sub-diretor (2019 - 2022)
Unit/Area: Department of Architecture and Urbanism

Sub-diretor (2013 - 2016)
Unit/Area: Department of Architecture and Urbanism

Awards

Prémio Pedagógico 2016 (2016)

Rocha Medal 2014 - International Society for Rock Mechanics (2013)

The Future Directions for Engineering Rock Mechanics (2011)

Research Networks

Research Network Name	Representative Role	Period
COST Action CA21103 Implementation of Circular Economy in the Built Environment (CircularB)	Membro integrado	2022 - 2026

Professional Associations

NTERNATIONAL TUNNELLING AND UNDERGROUND SPACE ASSOCIATION (Since 2005)
Portuguese Geotechnical Association (Since 2004)
International Society for Rock Mechanics and Rock Engineering (Since 2004)
Portuguese Engineers Association (Since 2003)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event committee	16CNG - 16th National Congress of the Portuguese Geotechnical Society	Sociedade Portuguesa de Geotecnia	2018
Member of scientific event committee	2nd Portuguese congress on building information modelling		2018
Member of scientific event's organizing committee	ISTAR WINTER SCHOOL'18	ISTAR	2018
Member of scientific event's organizing committee	Symposium Digital Fabrication - a State of Art	ISCTE-IUL	2011

Diffusion Activities

Activity Type	Event Title	Activity Description	Year
Talk/Conference in public diffusion event	BIM, information management and construction classification systems	Presentation on BIM, information management and construction classification systems at project manager RockBuilding	2023
Member of organizing committee of knowledge diffusion event	1st Workshop BIM / SIG - Linear and Geotechnical Works	This will be the 1st BIM/SIG Workshop on Linear and Geotechnical Infrastructures, which will start a cycle of events dedicated exclusively to BIM and GIS and their complementarity. Coordinated by the Portuguese Geotechnical Society (in particular, by the WG3 of the Portuguese Commission of Geotechnics in Transport and WG4 of the Portuguese Commission of Tunnels and Underground Space), this event addresses the challenges inherent in the implementation of these methodologies in Portugal.	2023

Publication in general diffusion news outlet	90 Seconds of Science (RTP)	Participation in the RTP science popularization program "90 seconds of Science", about the project SECClasS - Construction Information Classification System optimized for Sustainability financed by the EEA Grants program.	2022
Coordination of knowledge diffusion event	Lisboa 2020 - Finalist works of the Integrated Master in Architecture of ISCTE-IUL		2021
Talk/Conference in public diffusion event	Will Augmented and Virtual Reality change the world?	Public talk and demo at the Expolab Science at São Miguel island	2018
Talk/Conference in public diffusion event	Public talk "Agora temos turistas a mais?"	Participation as guest in the Public Talk "Agora temos turistas a mais?" of the cycle "A falar é que a gente se entende"	2018
Publication in general diffusion news outlet	90 seconds of Science	Participation in the science dissemination radio show "90 seconds of Science". Description of the Project "Planning Combat Training in Built Areas using Virtual and Augmented Reality"	2018
Talk/Conference in public diffusion event	The Value of BIM in the AEC Industry	The seminar "The Value of BIM in the AEC Industry" follows the partnership established between Stratbond Consulting and Atlântica University, with the aim of promoting the dissemination, training and implementation of BIM - Building Information Modeling methodology.	2017

Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Member of scientific journal editing staff	Revista Geotecnia	--	2017	Portuguese