

# Nicola Colaninno

Nicola Colaninno is an architect by education, and PhD in Urban and Architectural Management and Valuations at Polytechnic University of Catalonia (UPC). He is currently (since 2017) research fellow at the Urban Simulation Lab 'Fausto Curti', Department of Architecture and Urban Studies (DASTU), at Politecnico di Milano.

His research interests and main achievements are regard to urban studies, urban modelling and planning, spatial analysis, digital mapping, GIS, and Remote Sensing.

From 2008 to 2013, Nicola is researcher at the Center of Land Policy and Valuations (CPSV) of the Polytechnic University of Catalonia (UPC) and, in particular, he is research staff at the Virtual City Modeling Lab (LMVC-UPC). During the academic year 2009/2010, he is visiting researcher at the Department of Geography, Planning and International Development Studies of the University of Amsterdam (UVA), Netherlands.

From 2012 to 2014, Nicola is guest lecturer for the Master's degree in Urban Planning and Sustainability of the School of Professional & Executive Development, at the Polytechnic University of Catalonia, where he teaches GIS and Remote Sensing applied to the spatial analysis.

In 2013, Nicola is part of the technical staff at the UNESCO Chair in Intermediate Cities, for the development of a "Base Plan" for the city of Jacmel in Haiti (2013), based on the methodological model for base planning developed within the UIA-CIMES Programme and the UNESCO Chair on Intermediate Cities, in coordination with UN-HABITAT.

From 2013 to 2016, Nicola is self-Employed in the field of Technical Services of Engineering, and Specialist in Remote Sensing (RS), Geographical Information Systems (GIS), and spatial analysis.

28/08/2019

## Education and Training

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### Ph.D. Urban and Architectural Management and Valuation

Polytechnic University of Catalonia (UPC) – BarcelonaTECH

- International Mention
- Graded with **Excellent cum Laude**

Thesis: "SEMI-AUTOMATIC LAND COVER CLASSIFICATION AND URBAN MODELLING BASED ON MORPHOLOGICAL FEATURES. Remote Sensing, Geographical Information Systems, and Urban Morphology: Defining Models of Land Occupation along the Mediterranean Side of Spain"

2016  
Barcelona, Spain

### Ph.D. Visiting

Department of Geography, Planning and International Development Studies  
University of Amsterdam (UvA)

Sep 2009 - Jun 2010  
Amsterdam, Netherlands

### Postgraduate Course

INTRODUCTION TO DIGITAL IMAGES AND DIGITAL ANALYSIS TECHNIQUES  
GIS-STUDIO, Institute for biodiversity and ecosystem dynamics  
University of Amsterdam (UvA)

2009  
Amsterdam, Netherlands

### Master's Degree in Urban Management and Valuation

Polytechnic University of Catalonia (UPC) – BarcelonaTECH

- Geographical information systems for urban and regional analysis
- Theory of urban and regional planning
- Sustainable city and region
- Land and housing policy
- Urban and property valuation techniques and methods
- Quantitative instruments of urban and regional analysis
- ICT for spatial analysis: GIS, Remote Sensing, 3d modelling and urban virtual reality

Environmental analysis and evaluation of cities and regions

2007  
Barcelona, Spain

### Degree in Architecture | *Laurea Specialistica in Architettura*

- Architectural Design and Urban Planning

School of Architecture "Ludovico Quaroni", at Sapienza University

2005  
Rome, Italy

## Work Experience

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### Laboratorio di Simulazione Urbana Fausto Curti - LABSIMURB

- Research Fellow

Department of Architecture and Urban Studies (DASIU)  
Politecnico di Milano (POLIMI)

Dec 2017 - current  
Milan, Italy

### Specialized Services of Engineering: Remote Sensing | GIS | Digital Cartography

- Self-Employed

Business or sector: Professional, scientific and technical activities

2013 - 2016  
Barcelona, Spain

### Virtual City Modelling Lab - LMVC

- Research Fellow

Centre of Land Policy and Valuations (CPSV) <http://www.upc.edu/cpsv/>  
Polytechnic University of Catalonia (UPC)-BarcelonaTECH

2008 - 2013  
Barcelona, Spain

### RCSM - Rete di Centri Storici Minori (Network of Small Historical Centers)

- Staff Member

Interreg III B Medocc  
TECLA <http://www.tecla.org/index.php>

Feb 2006 - Mar 2006  
Brussels, Belgium

## R&D Projects

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**Towards climate-proof landscapes for living and working: Adaptation to climate change and improvement of the human comfort in public spaces and work areas in the peri-urban places of Milan**

Area: Civil Engineering and Architecture - 08  
Academic Discipline: URBAN AND REGIONAL PLANNING - ICAR/20

- Research Staff

Laboratorio di Simulazione Urbana Fausto Curti  
Department of Architecture and Urban Studies (DASIU)  
Funded: Fondazione CARIPLO

Apr 2019 - Mar 2020  
Politecnico di Milano

**Towards the Metropolitan Park of Milan. Spatial analysis, environmental assessment and implementation strategy of the forestation project**

Area: Civil Engineering and Architecture - 08  
Academic Discipline: URBAN AND REGIONAL PLANNING - ICAR/20

- Research Staff

Laboratorio di Simulazione Urbana Fausto Curti  
Department of Architecture and Urban Studies (DASIU)  
Funded: Fondazione FALCK, Sistemi Urbani-Gruppo ferrovie dello stato italiane

Dec 2018 - Nov 2019  
Politecnico di Milano

**Climate Change and Territory: Guidelines and operational proposals for the Metropolitan City of Milan**

Area: Civil Engineering and Architecture - 08  
Academic Discipline: URBAN AND REGIONAL PLANNING - ICAR/20

- Research Staff

Laboratorio di Simulazione Urbana Fausto Curti  
Department of Architecture and Urban Studies (DASIU)  
Funded: Fondazione CARIPLO

Dec 2017 - Nov 2018  
Politecnico di Milano

**Urban-CLIMPLAN The urban heat island: effects on climate change and modelling for territorial and urban planning strategies. An application to the metropolitan area of Barcelona**

- Research Staff

Centre of Land Policy and Valuations (CPSV) <http://www.upc.edu/cpsv/>  
Funded: European Regional Development Fund (ERDF) - Gov. of Spain; Ministry of Economy and Competitiveness. Reference: BIA2015-68623-R (MINECO/FEDER)

2016 - 2018  
Polytechnic University of Catalonia (UPC)

**Economic geographies of the Lodigiano region: Analysis and perspectives**  
*Analisi e prospettive delle geografie economiche del territorio lodigiano*

- Research Staff

Department of Architecture and Urban Studies (DASIU)

Oct 2017 - Dec 2017  
Politecnico di Milano

**City Prosperity Index (CPI): UN-Habitat's urban development indicator for 136 municipalities in Mexico**

<http://inforavit.janium.com/janium/Documentos/56640.pdf>

- Technical Staff

Funded: UN-Habitat, and Mexican federal institute for housing (Inforavit)

2015

**Creación de Información de estudio de antecedentes, y la situación actual de las provincias de Santo Domingo y San Pedro de Macorís de la República Dominicana**

- Research Staff

Centre of Land Policy and Valuations (CPSV) <http://www.upc.edu/cpsv/>

2014  
Polytechnic University of Catalonia (UPC)

- PARAMFROG: An effective methodological approach for environment monitoring and growth dynamics: Integration of Remote Sensing, GIS, and Parametric Design for spatial and urban planning. Nuevo Leon y Monterrey (Mexico) as case study** 2014
- Technical Staff
- Funded: Consejo Nacional de Ciencia y Tecnología (CONACyT), Registro Nacional de Instituciones y Empresas Científicas y Tecnológicas (RENIECYT).  
Reference: Nmx-Gt-002-lmnc-2008
- Base Plan for the city of Jacmel in Haiti. Based on the methodological planning model developed by Unión Internacional de Arquitectos (UIA), and UNESCO Chair on Intermediate Cities (CIMES), coordinated with UN-HABITAT** 2013
- Technical Staff
- UNESCO Chair in Intermediate Cities at the University of Lleida (UdL)
- Projet d'amélioration urbaine de la ville de Jacmel: quartier du Mayard. Haiti** 2013
- Research Staff
- Asociación Catalana de Universidades Públicas (ACUP), Catedra UNESCO CIMES, Universidad Politécnica de Cataluña (UPC), and Universidad Autónoma de Barcelona (UAB)  
Funded: Barcelona City Council and Obra Social "1a Caixa"
- ¿Hacia un sistema de metrópolis policéntricas?: Evolución, caracterización e influencia de los subcentros metropolitanos sobre la eficiencia de la urbanización** 2010 - 2012
- Research Staff
- Funded: Government of Spain - Ministry of Science and Innovation  
Reference: CS02009-07218
- Dellimitation and diagnosis of the marginal peripheral neighborhoods of Santo Domingo, República Dominicana** 2012
- Research Staff
- Funded: Centro de Cooperación para el Desarrollo (CCD-UPC), Instituto Dominicano de Desarrollo Integral (IDDI)
- MODEL COSTA: Development of a platform for prospective modelling of urbanization processes in coastal areas** 2010 - 2012
- Research Staff
- Funded: Government of Spain - Ministry of Science and Innovation, DG Research and Management of National Plan I+D+I  
Reference: CS02009-09057
- 20x50 - La evolución de 20 paisajes urbanos en 50 años de urbanismo en España (1956-2006)** 2007 - 2009
- Research Staff
- Funded: Government of Spain - Ministry of Housing
- Costa Mediterránea: El proceso de urbanización en la Costa Mediterránea: ¿Hacia un modelo insostenible de ocupación del suelo? Un análisis retrospectivo (1956-2006) y prospectivo (2006-2026)** 2006 - 2009
- Research Staff
- Funded: Government of Spain - Ministry of Education and Science  
Reference: SEJ2006-09630/GEOG

## Publications

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- Modelling the impact of green solutions upon the urban heat island phenomenon by means of satellite data** Forthcoming
- Authors: Colaninno, N., Morello, E.  
Journal of Physics: Conference Series (JPCS)  
doi:10.1088/issn.1742-6596 | <https://iopscience.iop.org/journal/1742-6596>
- An integrated, agile approach for estimating solar radiation on building facades in complex urban environments** Forthcoming
- Authors: Eldesoky, A.H.M., Colaninno, N., Morello, E.  
Journal of Physics: Conference Series (JPCS)  
doi:10.1088/issn.1742-6596 | <https://iopscience.iop.org/journal/1742-6596>
- For a climate governance of the Metropolitan City of Milan: Context exploration, knowledge building and operational proposals** Forthcoming
- Per una governance climatica della Città metropolitana di Milano: ricognizione del contesto, costruzione di conoscenza e proposte operative*
- Authors: Morello, E., Musco, F., Colaninno, N., Magni, F., Maragno, D.  
Urbanistica, INU edizioni
- The Air between Buildings: How to fight climate change in urban areas** 2019
- Authors: Morello, E., Colaninno, N.  
XXII Triennale di Milano | Broken Nature: Design Takes on Human Survival  
4 ELEMENTS/TAKING CARE, Padiglione Italia  
Ed. Bucci, F., Collina, L., Corraini Edizioni, Mantova  
ISBN 978-88-7570-788-0
- Exploring a combined multispectral multitemporal approach as an effective method to retrieve cloudless multispectral imagery** 2019
- Authors: Colaninno, N., Marambio, A., Roca, J.  
Journal of Applied Remote Sensing 13(2)  
ISSN: 1931-3195  
<https://doi.org/10.1117/1.JRS.13.024505>
- I dati satellitari per l'analisi del fenomeno isola di calore urbano e la valutazione di misure di mitigazione: il caso della Città di Milano** 2018
- Authors: Colaninno, N., Morello, E., Musco, F., & Maragno, D.  
Urbanistica Informazioni, (278 s.i.), pp 54–61.  
<http://www.urbanisticainformazioni.it/-278-s-i-.html>
- Milano Città Metropolitana Resiliente: un percorso operativo a supporto della redazione del futuro Piano Territoriale Metropolitan** 2018
- Authors: Magni, F., Colaninno, N., Maragno, D., Morello, E., Musco, F., & Caserini, S.  
Urbanistica Informazioni, (278 s.i.), pp 312–316.  
<http://www.urbanisticainformazioni.it/-278-s-i-.html>
- Ondate di calore e resilienza urbana: una proposta metodologica per la valutazione della vulnerabilità della Città Metropolitana di Milano per ciascuna sezione di censimento Istat** 2018
- Authors: Maragno, D., Ruzzante, F., Morello, E., Colaninno, N., & Musco, F.  
Urbanistica Informazioni, (278 s.i.), pp 210–214.  
<http://www.urbanisticainformazioni.it/-278-s-i-.html>

- Quick multitemporal approach to get cloudless improved multispectral imagery for large geographical areas** 2017
- Authors: Colaninno, N., Marambio, A., Roca, J.  
Proc. of SPIE Remote Sensing: Earth Resources and Environmental Remote Sensing/GIS Applications VIII. Vol. 10428, 104280X, Ed.: Ulrich Michel, Karsten Schulz  
DOI: 10.1117/12.2278043  
<http://dx.doi.org/10.1117/12.2278043>
- Semi-automatic land cover classification and urban modelling based on morphological features.** 2016
- Remote Sensing, Geographical Information Systems, and Urban Morphology: Defining Models of Land Occupation along the Mediterranean Side of Spain
- Authors: Colaninno, N.  
Ph.D Thesis: Polytechnic University of Catalonia (UPC) - Barcelona TECH  
<http://upcommons.upc.edu/handle/2117/96372>
- Síntesis del informe regional para La Barquita: Santo Domingo, República Dominicana** 2014
- Authors: Romano, Y.; Marambio, A.; Colaninno, N.  
Planur-e.es. Territorio, Urbanismo, Paisaje, Sostenibilidad y Diseño Urbano. Num. 3  
<http://www.planur-e.es/pdf/LaBarquitaPLANUR-E.pdf>
- An'n panse ansanm pou mayard: Diagnostic socio-urbain du quartier de Mayard, Jacmel (Haïti)** 2013
- Authors: Tapada, T.; Romano, Y.; Canal, R.; Esquerra, C.
  - Cartography and GIS; Marambio, A.; Colaninno, N.
  - Project Management: Esquerra, C.  
Eds. Celia Esquerra | Editorial: Associació Catalana d'Univeristats Públiques (ACUP)  
ISBN: 9788461671625.  
[http://www.acup.cat/sites/default/files/diagnostic-socio-urbain-mayard-jacmel\\_4.pdf](http://www.acup.cat/sites/default/files/diagnostic-socio-urbain-mayard-jacmel_4.pdf)
- Cataluña, Un desarrollo metropolitano pollicéntrico: dispersión y compactación, en los procesos de crecimiento urbano, a escala territorial** 2012
- Authors: Colaninno, N.; Roca, J.  
In: De-COASTruction. La Desconfiguración del Litoral Mediterráneo Español  
Editor: Fernando Gaja Díaz | Editorial: Universidad Politécnica de Valencia  
ISBN: 9788483637999 | <https://riunet.upv.es/handle/10251/72476>
- Sustainable territorial development and urban growth: a critical interaction. The Spanish Mediterranean coast, and Catalonia, during the last two decades** 2012
- Authors: Colaninno, N.  
ACE@: Architecture, City and Environment. Num. 20  
ISSN: 1886-4805 | <http://revistes.upc.edu/ojs/index.php/ACE/issue/view/190>
- Defining densities for urban residential texture, through land use classification, from Landsat TM imagery: case study of Spanish Mediterranean coast** 2012
- Authors: Colaninno, N.; Roca, J.; Burns, M.; Alhaddad, B.  
XXII ISPRS Congress: VI 1/4: Methods for Land Cover Classification; VI 1/5: Methods for Change Detection and Process Modelling.  
International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol XXXIX-B7, 2012. Ed.(s): M. Shortis, W. Wagner, J. Hyypä.  
ISBN: 9781629933689 | <https://www.int-arch-photogramm-remote-sens-spatial-inf-sci.net/XXXIX-B7/179/2012/>

- Urban models definition through Image processing and morphological features. The case study of Catalonia, Spain** 2011
- Authors: **Colaninno, N.**; Alhaddad, B.; Roca, J.  
Proc. 7VCT Int. Conference on Virtual Cities and Territories. Lisbon, Portugal. Ed.: N. Pinto, et al.  
ISBN 9789729652462 | 9789899751002  
<http://upcommons.upc.edu/handle/2099/15464>
- Spatial patterns of land use: morphology and demography in a dynamic evaluation of urban sprawl phenomena along the Spanish Mediterranean coast** 2011
- Authors: **Colaninno, N.**; Cerda, J.; Roca, J.  
ERSA Conf. Paper (ersa11p776), the European Regional Science Association.  
51<sup>st</sup> European Congress: New Challenges for European Regions and Urban Areas in a Globalised World. Barcelona, Spain  
<https://ideas.repec.org/p/wiw/wiwsa/ersa11p776.html>
- An automatic classification of urban texture: form and compactness of morphological homogeneous structures in Barcelona** 2011
- Authors: **Colaninno, N.**; Roca, J.; Pfeffer, K.  
ERSA Conf. Paper (ersa11p769), the European Regional Science Association.  
51<sup>st</sup> European Congress: New Challenges for European Regions and Urban Areas in a Globalised World. Barcelona, Spain  
[https://www.econstor.eu/bitstream/10419/120085/1/ERSA2011\\_0769.pdf](https://www.econstor.eu/bitstream/10419/120085/1/ERSA2011_0769.pdf)
- The relation between land occupation, density and spatial fragmentation (Spain 1956-2006)** 2010
- Authors: Romano, Y.; **Colaninno, N.**; Cerda, J.; Roca, J.; Burns, M.  
ERSA Conf. Paper (ersa10p880), the European Regional Science Association.  
50<sup>th</sup> European Congress: Sustainable Regional Growth and Development in the Creative Knowledge Economy. Jönköping, Sweden  
<https://ideas.repec.org/p/wiw/wiwsa/ersa10p880.html>
- La estructura espacial de los sistemas urbanos: Una aplicación al litoral Mediterráneo** 2010
- Authors: Aguirre, C.A.; Roca, J.; **Colaninno, N.**  
Proc. of Research Workshop: The spatial structure of urban systems - An application to the Mediterranean side of Spain  
Master Degree in Urban Management and Valuation, UPC, Barcelona, Spain.  
ETSAB - D704 | ISBN 978-84-8157-609-2
- The effectiveness of morphology and street networks in determining models of urban growth at different spatial scales analysis** 2009
- Authors: **Colaninno, N.**; Alhaddad, B.; Roca, J.  
Proceedings of SPIE Vol. 7478: Remote Sensing for Environmental Monitoring, GIS Applications, and Geology IX. Ed.: Ulrich Michel; Daniel L. Civco  
ISBN: 9780819477835 | DOI:10.1117/12.830060  
<http://dx.doi.org/10.1117/12.830060>
- Modelli di urbanizzazione costiera: morfologia e complessità strutturale, a scala urbana e territoriale, nella Regione Metropolitana di Barcellona** 2008
- Authors: **Colaninno, N.**; Roca, J.  
ACE@: Architecture, City and Environment. Num. 7.  
ISSN: 1886-4805

**Marcello Vittorini: professione e formazione multidisciplinare per progetti di piano e di architetture. I casi delle Colline Romane e della Darsena di Città a Ravenna**

2005

Esiti del Laboratorio di Sintesi Finale in Progettazione Urbanistica: Elaborati Tecnici.  
Eds.: Gabriella Di Vito e Rachele Nunziata  
Facoltà di Architettura Ludovico Quaroni, Università La Sapienza di Roma  
ISBN 13: 9788849207804 | ISBN 10: 8849207808

## Teaching Experience

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<b>Elementi di Progettazione dell'Ambiente</b> <i>Elements of Environmental Design</i> <ul style="list-style-type: none"><li>Teaching Assistant</li></ul> Bachelor in PLANNING: CITY, ENVIRONMENT, LANDSCAPE School of Architecture, Urban Planning, Construction Engineering	Spring Semester 2019 Politecnico di Milano
<b>Ph.D. In Architecture, Built Environment and Construction Engineering</b> <b>Course: DIGITAL MAPPING AND SPATIAL DATA ANALYSIS</b> <ul style="list-style-type: none"><li>Tutorship of Ph.D. candidates</li></ul> Department of Architecture, Built environment and Construction engineering – ABC PhD School Politecnico di Milano	Fall Semester 2018 Politecnico di Milano
<b>M.Sc. In Urban Planning and Policy Design</b> <ul style="list-style-type: none"><li>Co-Supervisor - M.Sc. Thesis</li></ul> Thesis: Urban climate modeling. Proposal for automatic retrieving key measures to assess and mitigate the urban heat island effect at the local and the city scale : the case study of Milan (Italy) <ul style="list-style-type: none"><li>Author: Eldesoky, A. H. M.</li><li>Supervisor: Morello, E.</li></ul> School of Architecture, Urban Planning, and Building Engineering	2018 Politecnico di Milano
<b>Bachelor In Planning: City, Environment, Landscape</b> <ul style="list-style-type: none"><li>Co-Supervisor - Bachelor Thesis</li></ul> Thesis: <i>Morfologia della Piazza e Identità del Luogo: Analisi delle Caratteristiche che Compongono la Piazza e Riflessioni Sula Loro Evoluzione nel Tempo</i> <ul style="list-style-type: none"><li>Author: Alessandro La Loggia</li><li>Supervisor: Morello, E.</li></ul> School of Architecture, Urban Planning, and Building Engineering	2018 Politecnico di Milano
<b>Energy and Urban Planning - Sustainable Urban Design</b> <ul style="list-style-type: none"><li>Teaching Assistant</li></ul> M.Sc. in URBAN PLANNING AND POLICY DESIGN School of Architecture, Urban Planning, Construction Engineering	Fall Semester 2018 Politecnico di Milano
<b>Analisi della Città e Del Territorio – Laboratorio di Urbanistica</b> <i>Analysis of the City and Territory - Urban Planning Studio</i> <ul style="list-style-type: none"><li>Teaching Assistant</li></ul> Bachelor in ARCHITECTURAL DESIGN School of Architecture, Urban Planning, Construction Engineering	Spring Semester 2017 Politecnico di Milano
<b>GIS and Remote Sensing for Spatial Analysis and Planning</b> <ul style="list-style-type: none"><li>Lecturer</li></ul> Master's degree in Urban Planning and Sustainability School of Professional & Executive Development	Fall Semester 2013 Polytechnic University of Catalonia (UPC)
<b>GIS and Remote Sensing for Spatial Analysis and Planning</b> <ul style="list-style-type: none"><li>Lecturer</li></ul> Master's degree in Urban Planning and Sustainability School of Professional & Executive Development	Fall Semester 2012 Polytechnic University of Catalonia (UPC)



**ICT for Spatial Analysis and Urban Modelling: GIS, Remote Sensing, 3d modelling and urban virtual reality**

- Teaching Assistant

Master's Degree in Urban Management and Valuation

**Theory of urban and regional planning**

- Teaching Assistant

Master's Degree in Urban Management and Valuation

**Theory of urban and regional planning**

- Teaching Assistant

Master's Degree in Urban Management and Valuation

Spring Semester 2011  
Polytechnic University of  
Catalonia (UPC)

Spring Semester 2009  
Polytechnic University of  
Catalonia (UPC)

Spring Semester 2008  
Polytechnic University of  
Catalonia (UPC)

## **Conferences and National/International Events**

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**CISBAT 2019 – International Scientific Conference**

**Climate Resilient Cities - Energy Efficiency & Renewables in the Digital Era**

Session G2: Urban climate modelling: Microclimate

- Speaker/Author

EPFL École polytechnique fédérale de Lausanne

4-6 Sep 2019

Lausanne, Switzerland

**ECCA 2019: 4<sup>th</sup> European Climate Change Adaptation conference**

Poster Session: Simulating the effectiveness of greening measures for reducing the urban heat island effect: the case study of Milan

- Speaker/Author

Centro Cultural de Belém

28 - 31 May 2019

Lisbon, Portugal

**XI Giornata Studio INU/11° Inu Study Day**

**INTERRUZIONI, INTERSEZIONI, CONDIVISIONI, SOVRAPPOSIZIONI. Nuove prospettive per il territorio/INTERRUPTIONS, INTERSECTIONS, SHARINGS AND OVERLAPPINGS.**

**New perspectives for the territory**

Session: Rigenerazione, Ricostruzione, Recupero, Riuso, Resilienza

- Speaker/Author

Dipartimento di Architettura - Università Federico II, Istituto Nazionale di Urbanistica (INU)

14 -15 Dec 2018

Napoli, Italy

**Urbanpromo GREEN. Resilience and Urban Planning: Methods and Practices [Resilienza e pianificazione urbanistica: Metodi e pratiche]**

Session: La prospettiva climatica per il Piano Territoriale della Città Metropolitana di Milano

- Speaker/Author

Università Iuav di Venezia (IUAV), Istituto Nazionale di Urbanistica (INU)

20-21 Sep 2018

Venice, Italy

**SPIE Remote Sensing Conference**

Session: Earth Resources and Environmental RS/GIS Applications VIII - Processing Methodologies II

- Speaker/Author

SPIE - the international society for optics and photonics

11-14 Sep 2017

Warsaw, Poland

**International Conference on Virtual City and Territory - 9VCT**

Session: Virtual models of cities: GIS, 3D models, and HD simulations

- Referee/Moderator

Center of Land Policy and Valuations (CPSV-UPC), Università Roma Tre

2-4 Oct 2013

Roma, Italy

<p><b>International Conference on Virtual City and Territory - 7VCT</b>  Session: New Technologies in Architecture, Urban Design and e-Planning</p> <ul style="list-style-type: none"> <li>▪ Speaker/Author</li> </ul> <p>Center of Land Policy and Valuations (CPSV-UPC), Univ. Nova of Lisbon (UNL),  Univ. of Coimbra UC</p>	<p>11-13 Oct 2011  Lisbon, Portugal</p>
<p><b>51<sup>st</sup> ERSA Congress: New Challenges for European Regions and Urban Areas in a Globalised World</b>  Special Session: Processes of Urbanization along the European Coastal Areas</p> <ul style="list-style-type: none"> <li>○ Session: Barcelona as a case study</li> <li>▪ Speaker/Author</li> </ul> <p>European Regional Science Association (ERSA)</p>	<p>30 Aug - 2 Sep 2011  Barcelona, Spain</p>
<p><b>EASA 2011</b>  Session: DeCOASTruction. La desconfiguración de la costa Mediterranea Española</p> <ul style="list-style-type: none"> <li>▪ Speaker/Author</li> </ul> <p>European Architecture Students Assembly (EASA), Universidad Politécnica de Valencia (UPV)</p>	<p>16 Dec 2010  Valencia, Spain</p>
<p><b>50<sup>th</sup> ERSA Congress: Sustainable Regional Growth and Development in the Creative Knowledge Economy</b>  Session: Geographical Information Systems and Spatial Analysis</p> <ul style="list-style-type: none"> <li>▪ Speaker/Author</li> </ul> <p>European Regional Science Association (ERSA)</p>	<p>19-23 Aug 2010  Jönköping, Sweden</p>
<p><b>SPIE Remote Sensing Conference</b>  Session: Remote Sensing for Environmental Monitoring, GIS Applications, and Geology IX</p> <ul style="list-style-type: none"> <li>▪ Speaker/Author</li> </ul> <p>SPIE - The international society for optics and photonics</p>	<p>31 Aug - 3 Sep 2009  Berliner, Germany</p>
<p><b>Kick off meeting: 1<sup>st</sup> steering committee meeting</b>  Kick off meeting: 1<sup>st</sup> steering committee meeting  Projet INS MED: Innovation pour l'Eco-conception en Méditerranée</p> <ul style="list-style-type: none"> <li>▪ Attendee/Speaker</li> </ul> <p>Chambre de Commerce et d'Industrie de Marseille Provence (CCIMP)</p>	<p>29-30 Jun 2009  Marseille, France</p>
<p><b>International Congress on Virtual City and Territory - 5VCT</b>  Session: Urban growth and land consumption: urban sprawl vs compact city</p> <ul style="list-style-type: none"> <li>▪ Referee/Moderator</li> </ul> <p>Center of Land Policy and Valuations (CPSV), Polytechnic Univ. of Catalonia (UPC)</p>	<p>2-4 Jun 2009  Barcelona, Spain</p>

## Workshops and Seminars

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<p><b>Urban Vulnerability and Climate Change: An Operational Approach for the Assessment of Urban Risk due to Climate Impacts</b>  [Vulnerabilità Urbana e Cambiamento Climatico: Un Approccio Operativo per la Valutazione del Rischio Urbano agli Impatti Climatici]</p> <ul style="list-style-type: none"> <li>▪ Lecturer</li> </ul> <p>Metropolitan City of Milan (CMM)</p>	<p>02 Oct 2018  Politecnico di Milano</p>
<p><b>Climate Change and Urban Planning: Mitigation and Adaptation Strategies for Urban Resilience</b>  [Cambiamento Climatico e Pianificazione Urbanistica: Strategie di Mitigazione e Adattamento per la Resilienza Urbana]</p> <ul style="list-style-type: none"> <li>▪ Lecturer</li> </ul> <p>Metropolitan City of Milan (CMM)</p>	<p>11 Sep 2018  Politecnico di Milano</p>

**Workshop: GIS and Remote Sensing Applied to the Spatial Analysis**

- Tutorship

Center of Land Policy and Valuations (CPSV-UPC)

Spring Semester 2011  
Polytechnic University of  
Catalonia (UPC)

**Workshop: The spatial structure of urban systems - An application to the Mediterranean side of Spain**

- Tutorship

Center of Land Policy and Valuations (CPSV-UPC)

Spring Semester 2009  
Polytechnic University of  
Catalonia (UPC)

**Workshop: Models of development, and generation of capital gains, along the Mediterranean side of Spain**

- Tutorship

Center of Land Policy and Valuations (CPSV-UPC)

Spring Semester 2008  
Polytechnic University of  
Catalonia (UPC)

**Workshop 1: Blue Book: Integrated maritime policy of the EU**

**Workshop 2: Maritime vocation and European projects**

- Attendee

Interreg IV C, SEANERGY: network of cities and of maritime clusters  
Peripheral Port Cities Conference, Brest Métropole Océane

11-12 Jul 2008  
Brest, France

**Doctoriales Transfrontereres: Seminar on career opportunities, directed at Franco-Spanish and European PhD candidates**

- Ph.D Candidate
- AWARDED with Best Poster Presentation

Universitat de Perpinyà Via Domitia (UPVD), Establiments d'ensenyament superior de Girona, Pierre and Marie Curie University-Paris VI, Xarxa Vives d'Universitats

19-23 May 2008  
Canet en Rosselló, France

## Grants

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### Four-years Research Fellowship for Professors Training

- *Formación Profesorado Universitario (FPU)*-
- PhD program in Urban and Architectural Management and Valuations
  - Granted: Government of Spain

Jun 2008 - May 2012  
Polytechnic University of  
Catalonia (UPC)

### Ten-months Research Fellowship

- PhD Secondment
- Department of Geography, Planning and International Development Studies
  - Granted: Government of Spain

Sep 2009 - Jun 2010  
University of Amsterdam  
(UvA)

### Two-months Research Fellowship for Researchers Training

- *Formación de Investigadores (FI)*-
- PhD program in Urban and Architectural Management and Valuations
  - Granted: Regional Government of Catalonia

April 2008 - May 2008  
Polytechnic University of  
Catalonia (UPC)

### One-months Research Fellowship for Training of Research Staff

- *Formación de Personal Investigador (FPI-UPC)*-
- PhD program in Urban and Architectural Management and Valuations
  - Granted: Polytechnic University of Catalonia (UPC)

Mar 2008  
Polytechnic University of  
Catalonia (UPC)

### One-year Post-graduate Scholarship

- Master's Degree in Urban Management and Valuation
  - Granted: Regional Government of Puglia, Italy

Oct 2006 - Sep 2007  
Polytechnic University of  
Catalonia (UPC)

## Language

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Mother tongue(s) ITALIAN

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Spanish	C2	C2	C2	C2	C2
English	B2	C1	B2	B2	C2

Levels: A1/2: Basic user | B1/2: Independent user | C1/2 Proficient user  
Common European Framework of Reference for Languages

28/08/2019

Nicola Colaninno