

Research Group

StandardF-AU / StandardF - Architectonic/Urban

Reference year:

2024

Scientific Coordinator:

COSTANZO FRANCESCO / Associate Professor / DADI / Università degli Studi della Campania “Luigi Vanvitelli”

Group members:*Architectural and Urban Design Unit*

COSTANZO FRANCESCO / Associate Prof. / DADI / Università degli Studi della Campania “Luigi Vanvitelli” (ICAR 14)

CAPOZZI RENATO / Full Prof. / Dip. di Architettura DIARC / Università di Napoli “Federico II” (ICAR14)

DAL FABBRO ARMANDO / Full Prof. / Dip. di Culture del Progetto / Istituto Universitario Architettura Venezia

LANINI LUCA / Full Prof. / Dip. di Ingegneria dell’Energia, dei Sistemi, del Territorio e delle Costruzioni / Università di Pisa (ICAR14)

MIANO PASQUALE / Full Prof. / Dip. di Architettura DIARC / Università di Napoli “Federico II” (ICAR14)

MOCCIA CARLO / Full Prof. / Dip. di Scienze dell’Ingegneria Civile e dell’Architettura / Politecnico di Bari (ICAR14)

OLIVA GASPARE / PhD, Assegnista di Ricerca / DASTU / Politecnico di Milano (ICAR 14)

PELLINO MICHELE / PhD / Dip. di Architettura e Progetto / Università di Roma “Sapienza” (ICAR 14)

VISCONTI FEDERICA / Associate Prof. / Dip. di Architettura DIARC / Università di Napoli “Federico II” (ICAR14)

ZULIANI GUIDO / Distinguished Professor Adjunct / The Irwin S. Chanin School of Architecture / The Cooper Union NY

Multidisciplinary Unit

Diritto amministrativo - CALABRÒ MARCO / Full Prof. / DADI / Università degli Studi della Campania “Luigi Vanvitelli” (IUS 10)

Economia ed Estimo rurale - CAPITANIO FABIAN / Associate Prof. / Dip. di Medicina veterinaria e Produzioni animali / Università di Napoli “Federico II” (AGR01)

Urbanistica - DE BIASE CLAUDIA / Associate Prof. / DADI / Università degli Studi della Campania “Luigi Vanvitelli” (ICAR 20)

Strutture - FAELLA GIUSEPPE / Full Prof. / DADI / Università degli Studi della Campania

“Luigi Vanvitelli” (ICAR 09)

Strutture - GUADAGNUOLO MARIATERESA / Ricercatrice / DADI / Università degli Studi della Campania “Luigi Vanvitelli” (ICAR 09)

Estimo - FORTE FABIANA / Associate Prof. / DADI / Università degli Studi della Campania

“Luigi Vanvitelli” (ICAR 22)

RUSSO YVONNE /PhD Student/DADI/ Università degli Studi della Campania “Luigi Vanvitelli” (ICAR 22)

LAUDA LUCIANO /PhD Student/DADI/ Università degli Studi della Campania “Luigi Vanvitelli” (ICAR 22)

RESCIGNO CARLO / Full Prof. / Dip. di Lettere e Beni Culturali DiLBEC / Università degli Studi della Campania “Luigi Vanvitelli” (L-ANT07)

Description of research lines:

The GdR StandardF-AU expands and strengthens the urban issues faced in the previous StandardFA GdR created in 2016.

The overall scope of GdR’s researches is the “finiteness”: a condition of formal-constructive stability but also a disciplinary category of the architectural project declined in urban reality.

From an architectural and an urban point of view, finiteness is considered as condition and unavoidable objective which must supervise - although through non-unitary practices - the modernization processes of the city and of the architectures constituting it, in the perspective requalification and regeneration corresponding to the most updated urban instances.

Faced with the conditions of incompleteness of the contemporary city, which can only partially be understood in the intrinsic dimension of the "making of the city", the theme assumed by the GdR allows us to confront the great architectural and urban critical issues of our time.

These critical issues have first of all a general nature and they are related to the possibilities of the architectural project: the weakness of the role given to the "heritage" in urban redefinition, the formal and role indeterminacy in the urban construction of the building and of the open space, the inability of infrastructures to become a structural component in the city’s form.

Other issues are added to the ones explained before. They are strongly linked to the contingencies of time and place and with respect to which the GdR research takes on a multidisciplinary approach: the absence of function of the building, the environmental safety, the social inclusion, the land consumption, the pathological practices of illegal living, the passive dimension given to archaeological facts.

Critical-interpretative analyses and transformative strategies are designed:

a_ at the architectural scale: with investigations conducted through compositional and constructive technique on the artefact’s constitutive aspects.

The relationship with incompleteness processes leads to particular attention about *composition/re-composition operations* that influence the distribution structure, the architectural characters, the compositional-constructive identification

b_ at the urban scale: with investigations and design hypotheses aimed at urban consolidation and the structural reorganization of recent urban parts.

Here the goal is the redefinition of these elements, considered in their aggregate form or as parts of a discontinuous order, in the characters and representative forms of their role in the city.

The analytical-design investigation - about architecture and open space - includes the existing built heritage (residential, production, public-collective) characterized by incompleteness, illegal

building / self-construction and decommissioning / abandonment.

The existing heritage – both the ordinary and the exceptional – is studied as matter available for re-functionalization through new meanings in the city, also starting from unexpressed qualities of their constructive reality.

Compared to this overall framework, the design experimentation aims to define advancements from the point of view of architectural and urban ordering and figuration.

The *analytical-design approach* makes architecture's ability to build the city and its parts prevail. This quality for which it is understood as *urban architecture*.

This is shown and brought back to theoretical premises implied in main architectural and urban paradigms of Modernity, whose formal and critical analysis is an important part of the GdR activities.

Investigations about *collective housing and public-collective architecture* (system and condensation points in urban order) are unavoidable. However, in the reflection on the construction of the city the following questions play an important role:

_urban or rural-urban voids, understood as structural components of the contemporary city, and consequently the investigation into their usability and organizing capacity of the built environment;
_the existing heritage, including the *archaeological one*, whose reactivation (formal, functional, meaning) is necessary in urban transformation processes;

_infrastructures - a synthetic form of the large-scale city - to strengthen the structure-infrastructure connection in recent urban parts.

The *geographical-thematic domain* is the contemporary city (its formations of the last fifty years), with particular reference to the urban parts grown on the built areas' boundaries (periurban areas) that commonly show low density and with a low degree of architectural and urban finiteness, with low urban structure from a formal and infrastructural point of view.

Research lines:

1_HERITAGE AND URBAN DEVELOPMENT

Analysis and design strategies for urban recovery and restructuring on contemporary territories relating to rarefied peri-urban areas, with reference to the existing building heritage (ordinary and otherwise) and to the urban-rural open space. In the context of urban transformation operations (redevelopment / regeneration), these actions consist of recognition of historical-architectural-urban values, rethinking of infrastructures (roads, water) and urban and rural voids in their structural role, technical-urban planning and administrative legal procedures, evaluation of construction and technological systems, as well as urban planning / programming strategies also in relation to technical-economic feasibility.

2_NON FINITE

Design strategies for "non-finite" Heritage recovery defining a multidisciplinary framework for making the action on contemporary territories effective, also in relation to "risk" issues (environmental, hydrogeological). Within this research line are also included the analysis of the architectural and urban incompleteness phenomenon in the national and international framework tending to redefine, through new classification methods, the complexity of the phenomenon itself.

3_COMPOSITIVE AND CONSTRUCTION TECHNIQUES

Critical-interpretative analysis about compositional-constructive procedures on paradigmatic projects and artefacts (of History and Modernity), taken as revealing cases of architectural and

urban finiteness processes.

Relationships with other research groups of the University of Campania L. Vanvitelli during the last three years:

- **REST** del Dipartimento di Architettura e Disegno Industriale.
 - **SicurEzza strutturale e sismiCa delle CostrUzioni Rilevanti Esistenti: edifici e ponti (SECURE)** del Dipartimento di Architettura e Disegno Industriale.

Participation in research projects during the last three years:

Project title: Research and analysis of the state of progress of the Provincial Territorial Coordination Plan (PTCP) 10 years after approval (Collaboration agreement).

Signed by the Province of Caserta with the University of Campania "Luigi Vanvitelli" on 19/12/2022 prot.n°58704 and with subsequent determination to contract n°52 dated 12/01/2023
Scientific coordinator: Claudia de Biase (concluded in December 2023)

Project title: Appraisal of agricultural lands and confiscated from the Camorra and localized in the farm 'La Balzana' in S. Maria la Fossa (CE)

Collaboration agreement between the Department of Architecture and Industrial Design and the Consortium Agrorinasce

Scientific coordinator: Forte F.

Submission date: July 2023

Current State: **on going**

Project title: Reloading city: a new systemic approach to urban and territorial regeneration

Scientific coordinator: Marco Calabrò

Call title: Prin 2022

Description of the research activities:

The research topic is urban regeneration as a development strategy for Italy in its various territorial components and as a tool for post-pandemic recovery. Special attention will be paid to the economic-social objectives that distinguish regeneration from a mere urban reuse and redevelopment. The potential which, despite its centrality in the recent urban planning debate, still remains largely unexpressed will be investigated, too. The research is focused on three different issues: 1. to restore the role of the public actors in managing regeneration, as they have to be subjects able to plan and direct private initiatives 2. to rethink regeneration starting from the public city considered as a space and as a residential area 3. to recover the systemic nature of a urban project, overcoming the dichotomies between centres and outskirts and the ineffectiveness of some technical, legal and regulatory instruments on the matter.

Involved Personnel: Adriana Galderisi; Francesco Costanzo; Mario Sorrentino

Involved Partners: University of Perugia; University of Sassari; University of L'Aquila; Polytechnic of Bari.

Submission date: 30/03/2022

Current State: **Fundend (on going)**

Project title: Luoghi e storie di prossimità. Una metodologia per la rigenerazione degli spazi collettivi dei quartieri moderni

Scientific coordinator (Local e vice-PI): Claudia de Biase

Call title: Prin 2022

Description of the research activities: The project intends to experiment with a research methodology aimed at regenerating the collective spaces of modern neighborhoods as a crucial resource for addressing the challenges posed to living by the pandemic crisis. In fact, the proposal intends to contribute to the project of a "city of proximity", creating the conditions to bring together the significant offer of collective spaces in modern neighborhoods with the new demand for proximity spaces and services generated by the spread of more intensely linked to living environments. Specifically, the research project intends to experiment with a multidisciplinary and participatory intervention methodology involving architectural and urban design researchers, urban planners and historians of architecture and the city to be made available to local authorities, owners, citizens' associations and private entities. interested in the regeneration of collective spaces and services in modern neighborhoods.

Involved Personnel: Giuseppe Guida

Involved Partners: Università di Roma tre, Politecnico di Torino

Submission date: 31/03/2022

Current State: **Fundend (on going)**

Project title: **“Housing mobility and digital transition. Evaluation tools and technologies for understanding current and future people’s living needs, supporting territorial governance and regeneration processes”**

Call title: PRIN: PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE – Bando 2022 PNRR

Scientific coordinator: Unità Locale Unicampania: Fabiana Forte

Description of the research activities: The ongoing digital transition is deeply affecting people's habits and customs: smart working, digital services, e-commerce, new forms of communication and entertainment on web platforms can disengage people from where they have always lived: a new demand for housing mobility may occur, to be focused on the choice of the place where to live, conscious, and commensurate with one’s needs and affordability. This change seems to be epochal, when one considers that it is taking place for the first time in modern human history. The traditional limitations in choosing where to live based on the home-to-work distance - which have profoundly influenced related people's decisions starting with the 18th century - have disappeared in a digital society, even though they have not been overcome by the technological advancement of infrastructures and public transportation. The new possibilities for housing mobility opened up by the digital transition provide an important opportunity to improve people's living conditions in accordance with the EU's goals of enhancing the well-being. In the European conception, human well-being and quality of life are linked to the possibility of creating or choosing an environment enabling people to fully exploit their own potential and enjoy their fundamental rights. The Research Project (RP) therefore starts from the hypothesis that housing mobility, aimed at improving people's well-being and quality of life, is a phenomenon that will be able to grow up within a new post-pandemic normality.

Involved Partners: Università degli Studi di FIRENZE (capofila), Università degli Studi di ROMA "La Sapienza", - Università degli Studi della Campania "Luigi Vanvitelli"

Submission date: 30/11/2022

Current State: Positive evaluation, not funded

Project title: **SAFE_MAB - Advanced procedures for SAFETy assessment of existing Masonry Arch Bridges,**

Scientific coordinator: Mattia Zizi; Co-PI: Mariateresa Guadagnuolo;

Call title: Bando di Ateneo per il finanziamento di progetti di ricerca fondamentale ed applicata dedicato ai giovani Ricercatori dell'Università degli Studi della Campania "Luigi Vanvitelli", emanato con D.R. n. 509 del 13 giugno 2022.

Current State: **Fundend (on going)**

Project title: **NEXT (RE)GENERATION: for a systemic and sustainable approach to urban regeneration**

Scientific coordinator (Local Unit): Marco Calabrò

Call title: Prin 2020

Description of the research activities: The research topic is urban regeneration, as a development strategy for Italy in its various territorial components and as a tool for post-pandemic recovery. The research is focused on three different issues: 1. to restore the role of the public actors in managing regeneration, as they have to be able to plan and direct private initiatives; 2. to rethink regeneration starting from the public city considered as a space and as a residential area; 3. to recover the systemic nature of a urban project, overcoming the dichotomies between centres and outskirts and the ineffectiveness of some technical, legal and regulatory instruments on the matter. In conformity with the goal no. 11 of the 2030 Agenda for Sustainable Development, this research aims to build paths able to (re)direct the approach to urban regeneration, both adopting a multi-disciplinary and multi-scale perspective and taking into consideration the complexity of the social events and relationships that exist in the physical space of a city and its territory.

Involved Partners: Università degli Studi di Perugia; Università degli Studi dell'Aquila; Università degli Studi di Sassari; Università Politecnico di Bari

Submission date: 25/01/2021

Project title: GESTioNE del rischio SISmico per la valorizzazione turistica dei centri storici dei Mezzogiorno – GENESIS (codice progetto ARS01_00883)

Scientific coordinator: Prof. Enrico Spacone, Università degli Studi di Chieti-Pescara

Call title: Avviso del 13/07/2017 "Presentazione di progetti di ricerca industriale e sviluppo sperimentale nelle 12 aree di Specializzazione individuate dal PNR 2015-2020"

Description of the research activities: The main objectives of the research proposal concern the development of an IT platform for the collection of information on heritage of historical-cultural interest, aimed at simulating damage scenarios for the management of emergency situations (territorial scale); planning of seismic risk reduction interventions (urban scale); to the development of structural behavior models for the assessment of static safety and seismic vulnerability as well as interventions that may be necessary based on the previous analysis (building scale).

Involved Personnel: Prof. Ing. Gianfranco De Matteis (Responsabile scientifico Unità di Ricerca), Ornella Zerlenga; Giuseppe Faella; Sergio Sibilio; Danila Jacazzi; Giorgio Frunzio; Riccardo Serraglio; Marina D'aprile; Giovanni Ciampi; Mariateresa Guadagnuolo; Corrado Chisari; Vincenzo Cirillo; Mattia Zizi.

Involved Partners: Proponente: Università degli Studi G. D'Annunzio di Chieti.

Academic Partners: Università degli Studi della Campania Luigi Vanvitelli, Università degli Studi dell'Aquila, Università degli Studi della Basilicata, Università degli Studi Mediterranea di Reggio Calabria, Università degli Studi di Enna Kore, Università Iuav di Venezia, Università degli Studi di Bergamo, Università di Pisa

Industrial Partners: Tab Consulting S.r.l. TAB Consulting, Asdea S.r.l. ASDEA, Zugaro Guido & C. S.r.l., Target Euro S.r.l., Kibernetes S.r.l., FIP Industriale S.P.A., PRO.GE.77 S.r.l., SISIA S.r.l. SISIA, BOVIAR S.r.l., Consorzio C.i.p.a.e. A R.l., BASF S.r.l., TELENIA S.r.l., Etna Hitech

S.c.P.A., Fibre Net S.r.l.

Submission/starting/ending date: 9-11-2017/01-01-2023/30-06-2025.

Project State: **Fundend (on going)**

Project title: **Structural Assessment and development of innovative saFEguard Measures for hisTORIcal masONry towers_SAFEMOTION**

Scientific coordinator: Gianfranco De Matteis

Call title: PRIN22-PNRR

Description of the research activities: SAFE_MOTION aims to develop innovative techniques and methods for the investigation, evaluation and adaptation of historic towers into masonry towers, in order to improve their conservation, use, enjoyment and extend their residual life. To achieve the objective, the complementary skills of the research units will be made available, in particular in the fields of dynamic monitoring, damage identification and assessment, numerical modelling, damage modeling and assessment. damage assessment, numerical modeling, structural testing and planning of retrofitting interventions.

Involved Persons: Giorgio Frunzio, Mariateresa Guadagnuolo, Mattia Zizi

Involved partners: UNIPD, UNIUD

Submission/starting/ending date: 30.11.2022

Project State: **Fundend (on going)**

Project title: **A modern paradigm of Finite Architecture – Accademia di Brera**

Scientific coordinator: Francesco Costanzo

Description of the research activities: Analytical-compositional research carried out at the DADI Prototyping Laboratory. Starting from the analysis of some paradigmatic projects, the research aims to define compositional procedures relating to the construction of architectural finitude (as a stable condition of architecture).

Involved Persons: G. Oliva, M. Pellino, V. Fatigati

Involved partners: MART, Archivi Storici Biennale di Venezia, Sovrintendenza SABAP Lombardia, Università degli Studi di Milano, Archivio Lingeri, Archivio Terragni.

Submission/starting/ending date: 2023/2023/on going

Project State: **on going**

Scientific products of the last three years:

10 scientific publications on Class A journals and/or indexed in the Scopus/WoS databases:

- [1] Calabrò M. (2021), Concessioni demaniali marittime ad uso turistico-ricreativo e acquisizione al patrimonio dello Stato delle opere non amovibili: una riforma necessaria, in *Diritto e società*, 3/2021, 441-472 (Classe A)
- [2] Calabrò M. (2022), *Governo del territorio e gestione del fenomeno migratorio: spinte inclusive ed effetti escludenti*, in *Riv. giuridica di urbanistica*, 2/2022, 408-441 (Classe A)
- [3] Costanzo F. (2023), *TEORIA - L'Architettura del Campo – La Composizione*
In C. Orfeo, C. Sansò (a cura di),
Clean, Napoli 2023
ISBN 978-88-8497-897-4, pp. 34-35
- [4] Forte F., de Biase C., De Paola F. (2021), “The multicultural territory of domitian coast: housing condition and real estate market” in *Valori e Valutazioni*, n. 28, pp. 81-92.
- [5] De Paola P., Previtera S., Manganelli B., Forte F., Del Giudice F.P. (2023), *Interpreting Housing Prices with a Multidisciplinary Approach Based on Nature-Inspired Algorithms and*

- Quantum Computing, Buildings 2023, 13, 1603, MDPI, Switzerland (indicizzato Scopus)
- [6] Rossitti M., Forte F., Torrieri F. (2023), How to Address Marginalization in Small Towns: An MCDA Approach to Evaluating Different Strategies in Campania Region, O. Gervasi et al. (Eds.): ICCSA 2023 Workshops, LNCS 14108, pp. 455–467 (indicizzato Scopus)
- [7] Bossio, A.; Faella, G.; Frunzio, G.; Guadagnuolo, M.; Serpieri, R. (2021) Diagnostic Reliability in the Assessment of Degradation in Precast Concrete Elements. *Infrastructures* 2021, 6, 164. <https://doi.org/10.3390/infrastructures6110164>
- [8] L. Guerriero, M. Guadagnuolo, I. Titomanlio, G. Faella (2022), *An integrated approach for the conservation of archaeological buildings: The “Re Barbaro” Palace in Sardinia*, in “Digital Applications in Archaeology and Cultural Heritage”, 2022, 27, pp. 1-12.
- [9] Rinaldi, S.; Frunzio, G.; Guadagnuolo, M.; Di Gennaro, L.; Massaro, L. (2021), A sustainable material for sustainable architecture: wood in parasite architecture. XVII International Conference on Building Pathology and Constructions Repair. Fortaleza (BR) ISBN 9786586819090. Pagg. 481 – 489.
- [10] C. de Biase, S. Losco (2023). Urban and social renewal in Castel Volturno. *ABITARE LA TERRA*, vol. supplemento al n. 59, p. 18-20, ISSN: 1592-8608.

Additional 10 scientific products:

- [1] Calabrò M., De Biase C., *Il verde pubblico nel nuovo contesto urbano post-pandemico*, in *Contesti. Città, territori, progetti*, 1/2021, 111-127
- [2] CALABRO' M. (2023), *Rights of commons in Italy: a different way of owning towards the recognition of an intangible cultural value*, in *Rivista di Diritti comparati*, 1/2023, 68-85
- [3] CALABRO' M. (2023), *La tutela dell'architettura contemporanea mediante strumenti urbanistici*, in *Rivista giuridica dell'edilizia*, 2/2023, 95-112.
- [4] Costanzo F. (2022), *Depths of autonomy. Heteronomy and the construction of urban space starting from Mies*. In M. Caja, M. Ferrari, M. Landsberger, A. Lorenzi, T. Monestiroli e R. Neri (a cura di), *Mies van der Rohe. The architecture of the city. Theory and Architecture*. Il Poligrafo, Padova 2022 - ISBN 978-88-9387-204-1
- [5] Costanzo F. (2021), *Patrimonio, territorio e paesaggio*, in R. Capozzi, F. Costanzo, De Filippis, F. Visconti (a cura di), *Patrimonio e progetto di Architettura - Collana: Studi e Ricerche*, Collana di ProArch Società scientifica nazionale del progetto. Docenti di Progettazione architettonica ICAR 14/15/16, Macerata 2021, p. 220-226. (Com. scientifico nazionale, in Collana ProArch)
- [6] COSTANZO F., OLIVA G., PELLINO M. (2022), *Historical city and urban voids as elements of cultural heritage: theory and projects for Aversa discontinuous cit*. In *Beyond All Limits - Proceedings on International Conference on Sustainability in Architecture, Planning and Design*, DADI Press, ISBN 978-88-85556-23-2 (electronic version of the PDF format), pp. 146-151
- [7] de Biase C., Losco S. (2021), “Eco-Planning e Infrastrutture Verdi” SIU, *Atti della XXIII Conferenza Nazionale SIU Società Italiana degli Urbanisti DOWNSCALING, RIGHTSIZING. Contrazione demografica e Riorganizzazione spaziale*, Planum Publisher, pp.165-172.
- [8] Bossio A., Biondi E., Faella G., Frunzio G., Guadagnuolo M., Serpieri R., “Evaluation of degradation of about 20-years-old precast concrete. A case study”, Proc. XVII International Conference on Building Pathology and Constructions Repair – CINPAR 2021, Fortaleza, Brasil, Giugno 3-5, 2021
- [9] Frunzio G., Guadagnuolo M., Di Gennaro L., Massaro L., Damiani L., (2023). *THE SHORT*

WOOD SUPPLY CHAIN: AN OVERVIEW FOR SUSTAINABLE ARCHITECTURE", Proceedings IV International Forum on Architecture and Urbanism IFAU - CLIMATE CHANGE AND CULTURAL HERITAGE, ISBN 9788885556270.

[10] Rinaldi, S.; Frunzio, G.; Guadagnuolo, M.; Di Gennaro, L.; Massaro, L.) 9th international conference on harmonisation between architecture and nature - Eco-Architecture 2022. WIT press, Southampton, Boston. ISBN 9781784664732. Pagg. 225 – 236. Codice Scopus: 2-s2.0-85140235311.

Relationships with international and national Companies, Institutions, Research Centers, Universities during the last three years:

Prof. Francesco Costanzo is:

_former member of the Scientific Committee of the "Studies and Research" Series of the ARCADES Research Center, he has agreed a scientific collaboration agreement with the ARCADES Research Laboratory of the Department of Architecture of the University of Ferrara, Development of Integrated Architectural Design Programs for City, Environment, Landscape / Laboratory for the development of integrated design services for the city, the environment and the landscape.

_has collaborative relationships with The Irwin S. Chanin School of Architecture / The Cooper Union NY, where he was a visiting scholar, where he developed (with Guido Zuliani / Distinguished Adjunct Professor) projects for collective architecture in 2022 (Mantua and the schools).

_Coordinator of the Research Commission of ProArch - Scientific Society of Architectural Design

Prof. Marco Calabrò is:

- Member of the international research group *Compostela Group of University*, <http://web.gcompostela.org/> (from 2018 to today).

- Member of the *Advisory Board* of the Jean Monnet Chair "Business Law in the European Union and Sustainable Economy - BLEUSE", University of Macerata (from September 2020)

- Member of the Observatory of Common Goods of the Municipality of Caserta (from February 2020)

- Member of IAS, *International Institute of Administrative Science - Study Group on Social Innovation, Commons and Administration* (from April 2021)

- Member of the Observatory on Public Debate, University of Milan (from November 2021)

Prof. Claudia De Biase is:

- Lecturer in Urban Planning at the 10th Joint Course with Rutgers University on-line seminar 2021 'Preservation in Large Cities: an international perspective', 25 March 2021.

- Seminar lesson "Urban regeneration of territories of contemporary complexity", in the Curso de Humanidades: "El Arte Contemporáneo y su difusión", Carlos III University of Madrid, 11 May 2021.

- Formal assignment of teaching assignment of "Urban Planning" at High School of Design and Architecture of Pyatigorsk State University between October and November 2021.

Prof. Mariateresa Guadagnuolo has a collaboration agreement with the "TecnoLab srl Laboratory - Laboratory of Building Materials Testing" in Naples. Resp. Mariateresa Guadagnuolo.

Prof. Fabiana Forte collaborates with SVIMEZ - Association for the development of industry in the

South - for the update of the study "Economic and social structure of the metropolitan city of Naples" (period February-April 2022); the undersigned is scientific director of the chapter "Real estate market and investment choices in the metropolitan city of Naples: logistics as a strategic asset for the eastern area", Report ANCE- SVIMEZ- Chamber of Commerce of Naples (published in April 2022).

Collaborations with Consortia, Scarl or other Institutions participated by the University of Campania L. Vanvitelli during the last three years:

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ISI Web of Science Subject Categories:

Architecture / Engineering, Civil / Regional & Urban Planning / Urban Studies

Scientific-Disciplinary Sectors:

- ICAR 14
- ICAR 09
- ICAR 12
- ICAR 19
- ICAR 20
- ICAR 22
- IUS 10
- AGR01

Keywords:

- Non-Finite (unfinished) architecture and city
- Urban-rural voids
- Architectural re-composition
- Urban regeneration
- Architectural and urban stability
- Social Security
- Structural consolidation
- Soil consumption
- Illegal construction
- Technological Innovation

ERC Categories:

- SH3_9 Spatial development, land use, regional planning
- SH3_10 Urbanization, cities and rural areas
- SH3_11 Infrastructure, human and political geography, settlements
- SH3_5 Population dynamics, health and society
- SH5_9 History of art and history of architecture
- SH6_6 Modern and contemporary history
- PE8_3 Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment

- PE8_12 Sustainable design (for recycling, for environment, eco-design)
- PE8_16 Architectural engineering