

# Filippo Angelucci

**Architect, PhD on Environmental Design**

**Researcher of Architectural Technology (SSD ICAR/12)  
Department of Architecture**

**“G. d’Annunzio” University of Chieti-Pescara, ITALY**

**Filippo Angelucci**, Architect, PhD on Environmental Design, is Researcher and professor of Architectural Technology (S.S.D. ICAR/12) at the Department of Architecture of the “G. D’Annunzio” University of Chieti-Pescara. In the same university he was research fellow from 2001-2003 and post-doctoral fellowship from 2003-2005. From 2009 to 2011, he was in charge at the InGEO Department for the Scientific-didactic office of the courses of *Tecniche del costruire/Ingegneria delle costruzioni* and *Tecnologia dei sistemi edilizi/Ingegneria delle costruzioni*.

He has carried out professional activity as a consultant and team-component in the field of environmental design and planning. He has also carried out teaching activities in professional training courses on the technological issues of the built environment within funded projects coordinated by organizations, consortium and recognized institutions.

He is the author of scientific papers, essays and books on technological and methodological innovations for the environmental design of urban open spaces, protected areas and infrastructural systems, at landscape, urban and building levels.

Since 2002, he has been carrying on scientific activities as member of inter and transdisciplinary research unities. His research interests are referred to three main fields:

- the technological culture of design and its theoretical, methodological and applicative disciplinary implications;
- the research on the technological-environmental design of space, energy, informational and infrastructural interfacing systems;
- the technologies for the project integrated management, with particular reference to the topics of development and acceptance of innovation processes.

Regarding the aspects of technological culture of design, Filippo Angelucci’s research activities are aimed to focus the relational and operative scenarios between the planning of settlement systems (building, urban and territorial) and the complexity of the transformation processes of the habitat. His studies are based on an approach that favours the flexibility of living set-ups, the convertibility of the technical choices and the sustainability of the interventions with respect to the topological, anthropological and technological resources/variables of the context.

This first research field pursues the study on the technological know-how within the planning and building process of architecture and environment and on its theoretical and applicative implications too by dealing the relationship between shape and function, ethic and aesthetics, creativity and project, material and immaterial, innovation and tradition.

With reference to the theme of technological and environmental design, Filippo Angelucci’s scientific activities approach the key point of innovative, responsible and reasonable transformation of the built environment, focusing on socio-cultural and technical consequences of multi-scalar systemic methods.

The investigations of this second research field concern the understanding, the transfer and the experimentation of methodological studies and concepts of the technological-environmental design as the experimentation of analysis/management tools and planning/building implementation integrated approaches.

In relation to the experimentation of integrated management technologies, the research activities acquire a specific applicative connotation, also achieved through initiatives among Italian and foreign universities and actors.

Within this third research field, there are some scientific initiatives carried out on specific topics of technological transferring, strategic planning, in-between urban spaces design, environmental protection and restoration, infrastructural planning, design of temporary habitat at building, urban or territorial scale.

## Summary of the scientific and didactic activities

Concerning the didactic field, Filippo Angelucci’s scientific activities have been carried out in the disciplines of Architectural Technology within Gradutate and Post-graduates/Master courses.

His didactic contribution is aimed to re-integrate paths between the methodological and practical aspects of the environmental planning with the aspects of Architectural Technology. This path is aimed to focus the issues of the built environment designing process within the development of responsible technical-planning design thinking, based on the control and validation of transformative actions according to contextual natural and anthropic factors of the surrounding.

A first area of educational activities regards the study of the theoretical, methodological and operative issues of the Environmental Planning and its interdisciplinary relations to a broader cultural debate on the project of sustainable and responsible habitat. A second educational area refers to the relationships between materials, productive processes, building cultures, energy resources, technologies and innovative solutions for the design and transformation of the settlement spaces.

Filippo Angelucci is enabled for the role of Associate professor into the macro-scientific sector 08C1 (Technological Planning and Design)

This is a selection of some scientific publications related to the research and educational activities. The extended list of publications is readable on the author's personal webpage:

<https://www.dda.unich.it/dipartimento/persone/docenti/filippo-angelucci>

## Essays on scientific and A-class journals

ANGELUCCI, Filippo (2020). Metadesigning the urban space/environmental system. Inter- and trans-disciplinary questions. *TECHNE*, Special Issue vol. 2, ISSN: 2240-7391 (in stampa).

ANGELUCCI, Filippo, DI SIVO, Michele, (2019). Progettare per la co-evolutività/Designing for co-evolution. *TECHNE*, vol. 18, p. 120-127, ISSN: 2240-7391, DOI: 10.13128/techne-7518.

ANGELUCCI, Filippo, DI GIROLAMO, Claudia (2019). Green Interventions for Reconnecting Urban Liminal Spaces. Two Experiences in Research and Teaching. *SMC - Sustainable Mediterranean Construction Association*, 9/2019, p. 107. ISSN: 2420-8213.

ANGELUCCI, Filippo (2019). The Limen as a New Experiential Boundary of Technological Innovations for the City. *Agribusiness Paesaggio & Ambiente*, Vol. XXII - n.2, Dicembre 2019, pp.97-104, Print ISSN 1594-784X - Online ISSN 2038-3371

ANGELUCCI, Filippo (2018). Horizons of Technological Innovation between Health and Quality for a New Harmony in Italy's Small Towns. *AGRIBUSINESS PAESAGGIO & AMBIENTE*, vol. 2, p. 105-111, ISSN: 2038-3371

ANGELUCCI F. (2018). Le ragioni tecnologiche del progetto: esperienze dalla scuola di Pescara/The Technological Reasons of the Project: Experiences from the School of Pescara. *AGATHÓN*, vol. 03, p. 83-90, ISSN: 2532-683X, doi: 10.19229/2464-9309/3122018

ANGELUCCI, Filippo (2017). Phenotypic VS. Genotypic. Technological Challenges for Urban Public Space as an Enabling Environment. *AGRIBUSINESS PAESAGGIO & AMBIENTE*, vol. XX, p. 137-147, ISSN: 2038-3371

ANGELUCCI F. (2017). Technological Dimensions of Nearly ZEB Design: Evolving toward a Nearly Zero Energy Oriented Landscape. *JOURNAL OF TECHNOLOGY INNOVATIONS IN RENEWABLE ENERGY*, vol. 6, p. 80-85, ISSN: 1929-6002, doi: 10.6000/1929-6002.2017.06.03.1

ANGELUCCI, Filippo (2016). Healthy City. Le tecnologie abilitanti per una visione terapeutica e curativa del paesaggio urbano. *TOPSCAPE PAYSAGE*, vol. 25, p. 51-54, ISSN: 2279-7610

ANGELUCCI, Filippo (2016). Toward Resilient, Inclusive and Vital Technological Infrastructures for the Energies of the Landscape. *JOURNAL OF TECHNOLOGY INNOVATIONS IN RENEWABLE ENERGY*, vol. 5, p. 148-158, ISSN: 1929-6002, doi: <http://dx.doi.org/10.6000/1929-6002.2016.05.04.4>

ANGELUCCI, Filippo, CELLUCCI, CRISTIANA (2016). Il paradigma della healthy city tra permanenze e innovazioni nelle piccole città. Prospettive tecnologiche per il sistema degli spazi urbani aperti/The paradigm of the Healthy City between permanence and innovations in small cities. Technological perspectives for the system of open urban spaces. *TECHNE*, vol. 12, p. 129-136, ISSN: 2240-7391, doi: 10.13128/Techne-19344

ANGELUCCI Filippo (2015-16). Sostenibilità e innovazione tecnologica nella progettazione dell'ambiente urbano (prima, seconda e terza parte). *ECO WEB TOWN*, vol. 10/11-2015, vol. 12-2015, vol. 13/14-2016, ISSN: 2039-2656, doi: [http://www.ecowebtown.it/n\\_12/pdf/12\\_00\\_angelucci-it-REV.pdf](http://www.ecowebtown.it/n_12/pdf/12_00_angelucci-it-REV.pdf)

ANGELUCCI Filippo (2015). Heterotopias of Urban In-Betweens. Renewing Cities and Rediscovering the Vitality and Resilience of Open Spaces. *AGRIBUSINESS PAESAGGIO & AMBIENTE*, vol. XVIII, p. 32-39, ISSN:1594-784X

Angelucci F. (2015), "Fast, slow, crossover railway: scenari tecnologici per l'uso delle linee ferroviarie dismesse", in XVIII Convegno Internazionale Interdisciplinare/The XVIII International Interdisciplinary Conference, L'utilità dell'inutile nel mosaico paesistico-culturale: vivibilità, tipicità, biodiversità/The usefulness of the useless in the landscape-cultural mosaic: liveability, typicality, biodiversity, Catania, Italy, 3-4 luglio 2014 / July 3rd-4th, 2014 in *Agribusiness Paesaggio & Ambiente* - Vol. XV - n. 1, IT.

ANGELUCCI, Filippo, CELLUCCI, CRISTIANA, DI SIVO, Michele, LADIANA, DANIELA (2015). Qualità misurabile e qualità vissuta della città. La rigenerazione urbana come riconnessione tecnologica tra risorse, spazi, abitanti/The Measurable and the Real Quality of Life in the City. Urban regeneration as a technological correlation of resources, spaces and inhabitants. *TECHNE*, vol. 10, p. 67-76, ISSN: 2240-7391, doi: <http://dx.doi.org/10.13128/Techne-17502>

Angelucci F., Di Sivo M., Ladiana D. (2014), "Tra il fiume e la città. Resilienza VS vulnerabilità nei sistemi insediativi di ambito fluviale"/"Between the River and the City. Resilience VS Vulnerability in Settlement Systems of Fluvial Environment" in *TECHNE Journal of Technology for Architecture and Environment*, vol. 07/2014, p. 94-100, ISSN 2240-7391, Firenze University Press, Firenze, IT.

Angelucci F., Di Sivo M., Ladiana D., (2013), "Reattività, adattabilità, trasformabilità: i nuovi requisiti dell'ambiente costruito"/"Responsiveness, Adaptability, Transformability: the new quality requirements of the built environment", in *TECHNE Journal of Technology for Architecture and Environment* n° 05/2013 "Emergenza Ambiente/Environment Emergency", IT, Sez. Saggi, pag. 53-59, ISSN 2240-7391, Firenze University Press, Firenze, IT.

Angelucci F., Di Sivo M., Ladiana D. (2013), "La scuola oltre la scuola. La gestione degli spazi scolastici tra rigenerazione e condivisione delle risorse"/"School beyond school. School space management between resource regeneration and sharing" in *TECHNE Journal of Technology for Architecture and Environment*, vol. 06/2013, p. 141-148, ISSN 2240-7391, Firenze University Press, Firenze, IT.

## Essays on books

ANGELUCCI, Filippo, DI SIVO, Michele (2019). Le dimensioni tecnologiche sostenibili per un habitat non fragile/Sustainable technological dimensions for no-fragile habitat. In Pignatti, Lorenzo, Angelucci, Filippo, Rovigatti, Piero, Villani, Marcello (Eds.), *Territori Fragili*, Gangemi Editore, Roma, I.

ANGELUCCI, Filippo (2019). Le tecnologie per i sistemi liminali urbani fra eredità ed evoluzioni disciplinari/Technologies for Urban Liminal Systems between Legacies and Disciplinary Evolution, in LAURIA, M., MUSSINELLI, E., TUCCI, F. (Eds.), *La Produzione del Progetto*, Maggioli Editore, Santarcangelo di Romagna (RN), pp.433-440, ISBN 978-88-916-3602-7.

ANGELUCCI, F., LEONE, M.F., CELLUCCI, C., TERSIGNI, E., et al (2019). Glitching. Processi dinamici e azioni evolutive per la rigenerazione urbana, in Arbizzani, E., Cangelli, E., et al (Eds.), *Progettare in vivo la rigenerazione urbana*, Maggioli Editore, Santarcangelo di Romagna (RN), pp. 103-111, ISBN 978-88-916-3877-9.

ANGELUCCI, Filippo, LEONE, Mattia Federico (2018/19). La connessione resilienza-partecipazione. Prospettive per la ricerca tecnologica. In: LUCARELLI Maria Teresa;MUSSINELLI Elena;DAGLIO Laura (a cura di). *Progettare Resiliente*. p. 299-306, Santarcangelo di Romagna (RN): MaggioliEditore, ISBN: 978-88-916-2853-4. The link between resilience and participation. Perspectives of technological research. In: LUCARELLI Maria Teresa; MUSSINELLI Elena; DAGLIO Laura; LEONE Mattia (Eds.) 2019, *Designing Resilience*, pp. 285-292, MaggioliEditore, Santarcangelo di Romagna (RN), ISBN: 9788891635983.

ANGELUCCI (2018). La didattica di sede. Università "G. D'Annunzio" di Chieti-Pescara. In: Perriccioli Massimo Ruggiero Roberto (Eds.). *La didattica della Tecnologia dell'architettura nella formazione dell'architetto*. p. 132-143, NAPOLI:CLEAN, ISBN: 978-88-8497-651-2

ANGELUCCI (2018). L'habitat urbano: un possibile campo di esplorazioni e nuove sinergie per la Progettazione tecnologica. In: Bellini Oscar Eugenio Ciaramella Andrea Daglio Laura Gambaro Matteo (Editors). *La Progettazione tecnologica e gli scenari della ricerca*. p. 169-176, Santarcangelo di Romagna (RN):Maggioli Editore, ISBN: 9788891626066

Angelucci, Filippo, Di Girolamo, Claudia, Zazzerò, Ester (2018). New Designing Codes for Urban Infrastructures: A Hypothesis of a Transdisciplinary Approach. In: CARLONE Giuseppe;MARTINELLI Nicola;ROTONDO Francesco. *Designing Grid Cities for Optimized Urban Development and Planning*. ADVANCES IN CIVIL AND INDUSTRIAL ENGINEERING BOOK SERIES, p. 209-237, Hershey PA:IGI Global book, ISBN: 9781522536130, ISSN: 2326-6139, doi: 10.4018/978-1-5225-3613-0.ch012

ANGELUCCI, Filippo (2016). Spazi "altri" e spazi oltre. Nuove sfide tecnologiche per il progetto degli spazi pubblici della Città Alta. In:CLEMENTI Alberto;POZZI Carlo. *Progettare per il futuro della città. Un laboratorio per Chieti*. QUODLIBET STUDIO. CITTÀ E PAESAGGIO, p.170-175, MACERATA:Quodlibet, ISBN: 978-88-7462-774-5

ANGELUCCI, Filippo (2016). Tecnologie per la nuova Tiburtina. In:CLEMENTI Alberto;POZZI Carlo. *Progettare per il futuro della città. Un laboratorio per Chieti*. QUODLIBET STUDIO. CITTÀ E PAESAGGIO, p.100-103, MACERATA:Quodlibet, ISBN: 978-88-7462-774-5

ANGELUCCI, Filippo (2015). Evolutività. In: PERRICCIOLI Massimo (a cura di). *Re-Cycling Social Housing. Ricerche per la rigenerazione sostenibile dell'edilizia residenziale sociale*. p. 200-201, NAPOLI:CLEAN, ISBN:978-88-8497-531-7

ANGELUCCI, Filippo (2015). Intuizioni, invenzioni e innovazioni nelle Favole periodiche di Hugh Aldersey-Williams. In: GIANNANTONIO Raffaele (a cura di). *Racconti e città. Tra prosa e architettura*. p. 137-149, MILANO:FrancoAngeli, ISBN: 9788891728555

Angelucci F. (2013), "EnergyPlanning per gli Ecoquartieri" in Zazzerò E., a cura di, *EcoQuartieri. Temi per il progetto urbano sostenibile*, pp.116-122, Maggioli Editore, Rimini, IT.

## Books and edited books

Angelucci filippo (a cura di) (2018). *Smartness e healthiness per la transizione verso la resilienza. Orizzonti di ricerca interdisciplinare sulla città e il territorio*. vol. 86.1.4, MILANO:FrancoAngeli, ISBN: 978-88-917-6087-6

ANGELUCCI, Filippo, BRAZ AFONSO, Rui, DI SIVO, Michele, LADIANA, DANIELA (2015). *The Technological Design of Resilient Landscape/Il progetto tecnologico del paesaggio resiliente*. vol. 86.1.1, MILANO:FrancoAngeli, ISBN: 978-88-917-4126-4

Angelucci F., Potenza D., (2012) *ABDR: technology and beyond. La creatività come risorsa. Creativity as a resource*, Collana Architetture della Tecnologia/Architecture of Technology, 88.1, lingua italiano/inglese, pagg. 144, ISBN 9788820414740, FrancoAngeli, Milano.

ANGELUCCI, Filippo Ed. (2011). *La costruzione del paesaggio energetico*, FrancoAngeli, Milano, I.

ANGELUCCI, Filippo, GIRASANTE, Francesco (2007). *Envelope is Space/Spazio ed Energia nelle Architetture dei BEAR -Space and Energy in BEAR Architecture*. FrancoAngeli, Milano, I.

## Proceedings

ANGELUCCI Filippo, CELLUCCI Cristiana (2019). "Vivere bene" negli spazi non costruiti di piccole e medie città "Well Living" in the Unbuilt Spaces of Small and Medium-Sized Cities, in Baratta, Adolfo F. L., Conti, Christina, Tatano, Valeria (Eds.), *ABITARE INCLUSIVO Il progetto per una vita autonoma e indipendente/INCLUSIVE LIVING. Design for an autonomous and independent living*, Anteferma Edizioni, Conegliano V. (TV), I. pp. 20-27.

ANGELUCCI, Filippo, ELFRAITES Hanan (2019).Reconnective Interfaces in the Historical Urban Open Spaces. In GAMBARDELLA, Carmine (Ed.), *WORLD HERITAGE and LEGACY Culture | Creativity | Contamination*, Proceedings XVII International Forum "Le Vie dei Mercanti", Naples-Capri 6-8 June 2019. Gangemi Editore, I, pp. 643-652.

DI SIVO Michele, ANGELUCCI Filippo, LADIANA Daniela, CELLUCCI Cristiana (2018).Redesigning the Boundary Between Land and River. In GAMBARDELLA, Carmine (Ed.), *WORLD HERITAGE and KNOWLEDGE Representation | Restoration | Redesign | Resilience*, Proceedings XVI International Forum "Le Vie dei Mercanti", Naples-Capri 14-16 June 2018. Gangemi Editore, I, pp. 263-671.

ANGELUCCI Filippo, CELLUCCI Cristiana, DI SIVO Michele, LADIANA Daniela (2017). Adaptive Technologies for Users with Changing Abilities. Towards Autonomy, Independence and Inclusion. In: *Advances in Design for Inclusion. ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING*, vol. Volume 587, p. 361-368, Springer, ISBN: 978-3-319-60596-8, ISSN: 2194-5357, The Westin Bonaventure Hotel, Los Angeles, California, USA, July 17–21, 2017, doi: 10.1007/978-3-319-60597-5

ANGELUCCI Filippo (2016). Il cerchio e la ragnatela. In: *L'architettura sostenibile per San Marino. Atti del convegno*. vol. 1, p. 17-25, Cassa Edile Sammarinese di Mutualità ed Assistenza/Edizioni digitali San Marino, ISBN:978-8873814788, San Marino, 6 novembre 2015

ANGELUCCI, Filippo, DI SIVO, Michele (2016). Integrated Accessibility: a Macro-Requirement for the Healthy City. In: e-agoràe-ayopá. For the transition toward resilient communities. vol. 1, p. 65-70, ISMB Istituto Superiore Mario Boella, DIST, SiTI, ISBN: 978-88-9052-964-1, Torino, 14-15, settembre 2016.

DI SIVO Michele, LADIANA Daniela, ANGELUCCI Filippo (2016). De la vulnerabilidad a la resiliencia. escenarios de innovación para comunidades seguras en ciudades seguras/From Vulnerability to Resilience. Innovation Scenarios for Safe Communities in Safe Cities. Convención Científica de Ingeniería y Arquitectura de la Cujae, La Habana, 21-25 November 2016.

ANGELUCCI Filippo, CELLUCCI Cristiana, DI SIVO Michele, LADIANA Daniela (2015). Condividere gli spazi aperti della scuola, coltivare la nuova cittadinanza per una futura convivenza urbana. In: *Abitare insieme. Abitare il futuro 3a Edizione/ Living Together. Inhabiting the Future 3rd Edition*. p.1235-1245, CLEAN Edizioni, ISBN: 978-88-8497-544-7, Napoli, 1-2 ottobre.

Angelucci F. (2014), "Visioni per gli ecoquartieri: il contributo del progetto tecnologico-ambientale" in AA. VV., *Atti della XVII Conferenza Nazionale SIU. L'urbanistica italiana nel mondo, Milano 15-16 maggio 2014*, Vol. 11 "Progettare Green City". Planum Publisher, ISBN 9788899237004, Roma/Milano, IT.

Angelucci F., Di Sivo M. (2013), "Resilienza e qualità dell'ambiente costruito tra vulnerabilità e nuovi valori. Il ruolo della progettazione tecnologica. Resilience and Quality of the Built Environment between Vulnerabilities and New Values. The Role of Technological Planning", in *Utopie e Distopie nel Mosaico Paesistico-Culturale. Visioni Valori Vulnerabilità. Atti della Conferenza Scientifica Internazionale 27-28 giugno 2013/Utopias and dystopias in landscape and cultural mosaic. Visions Values Vulnerability. Proceedings of the International Scientific Conference June 27th-28th 2013* Sabiedriba, Integracijā, Izglitība Forum, 91- 102, vol. IV, ISSN: 1691-5887, Publisher Rezekne Higher Educ Inst-Rezeknes Augstskola, Rezekne, LT.

Di Sivo M., Angelucci F. (2012), Un approccio tecnologico per l'ambiente urbano resiliente, in Bellomo, Mariangela et al (Eds.) 2a Edizione "ABITARE IL FUTURO"/ "INHABITING THE FUTURE", CLEAN, Napoli, I, pp. 1625-1635.

## Professional activities

Filippo Angelucci has carried out professional activities as a consultant and team-component in the field of environment design and planning; he has been involved in integrated planning and eco-sustainable management of open spaces, protected areas, infrastructural and ecological renovation works.

The job experiences carried out by Filippo Angelucci can be placed within three main fields of interests.

The first is related to the strategic design, planning and management of complex intervention in urban environment and protected areas, regarding endogenous and exogenous factors (climatic, social, economic, cultural).

The second field is referred to preliminary, definitive, executive and operative planning of intermediate environmental systems, on a territorial and urban scale, This field also involves experiences in the specific sector of integrated design of open spaces for the relational, recreational, cultural-touristic activities, urban mobility.

The third field includes some experimental interventions of planning and building environmental macro-systems, representing technological interfaces for the re-settlement of ecological and biodynamic fluxes between urbanized spaces, natural areas and protection/refurbishment of the natural heritage.

## Editorial activities

### Editorial series coordination

Editorial coordinator of FrancoAngeli series "Architetture della Tecnologia/Architecture of Technology" and "Architettura e Innovazione/Built Environment Technologies and Healthy Architectures".

### Scientific Journals coordination

Editorial manager of *EcoWeTown. Journal of Sustainable Design* ISSN 2039-2656 dal 05.2013/pres. <http://ecowebtown.it>.

Member of the Scientific Committee of Architettura Pratica series, Editore Legislazione Tecnica

### Peer reviewing activities

Peer reviewer for Conferenze Scientifiche Internazionali IPASAP/ISPALEM, Techne/FUP, Upland, Environment, Development and Sustainability/Springer and Verlag.

## Academic awards

PAN Ardito Desio award, VI Edition 2016 by IPSAPA/IPSALEM

Associazione Interregionale Partecipazione e Studi in Agribusiness Paesaggio Nazione ente assegnante: ITALY International award <https://sites.google.com/site/landscapewonder/vincitori-v-edizione-2015/vincitori-vi-edizione-2016>

## Academic institutional roles

Member of SITdA (Società Italiana della Tecnologia dell'Architettura) and external delegate for Evaluation and Ranking. [http://www.sitda.net/documenti.html/index.php?option=com\\_content&view=article&id=400](http://www.sitda.net/documenti.html/index.php?option=com_content&view=article&id=400).