

This volume gathers the proceedings of the first international scientific conference dedicated to adaptive reuse, marking a significant occasion for dialogue among scholars, architects, researchers, and practitioners engaged with one of the most pressing questions in contemporary architecture. Conceived as the beginning of a long-term and patient research trajectory, the conference sets out to investigate adaptive reuse in its full complexity: by tracing its historical roots, examining the cultural and architectural debates that have shaped it over time, and reflecting on the ways in which contemporary design is responding to the growing need to work with existing buildings, ruins, and inherited spaces. It also looks ahead, asking what kinds of theoretical, technical, and civic challenges adaptive reuse will need to confront in the future.

At the heart of the book lies the conviction that adaptive reuse is not simply a design method or a technical response to obsolescence, but a broader cultural and civic responsibility.

To reuse architecture means to engage critically with memory, materiality, and the layered meanings embedded in places, while imagining how these spaces may enter new cycles of life. Through an international and multidisciplinary perspective, the papers collected here bring together different voices, experiences, and fields of expertise, offering a rich framework for understanding reuse as both a theoretical inquiry and a practical undertaking.

By bringing into conversation contributions from different geographical, cultural, and disciplinary contexts, the volume expands the discussion beyond local or isolated cases, opening a broader reflection on the shared conditions and diverse approaches that define adaptive reuse today. The texts explore how architecture can preserve historical significance while making room for transformation, how design can mediate between continuity and change, and how existing structures can become active participants in contemporary life rather than passive remnants of the past. Bridging theory and practice, history and project, past and future, this book proposes adaptive reuse as one of the most urgent and creative fields of architectural thought today.



149 EUR

Proceedings of the International Conference on Adaptive Reuse Volume 1

Proceedings of the International Conference on Adaptive Reuse

Volume 1

edited by

Andrea Crudeli

Francesca Molle

Emanuele Carrai

STH Press

Editorial series

Proceedings of the International Conference on Adaptive Reuse.

Conference: 15 to 19 September 2025

STH Press

Via del Mezzetta 2P, Florence (Firenze), 50135, Italy.

VAT 07043300487 REA FI 675394

sthpress.com

ISBN Paperback - 9791281661141

ISBN Ebook - 9791281661158

DOI - <https://doi.org/10.65686/SISY7263>

1st edition.

Printed in Florence (Firenze), May 2026

Essays in this book have been double blind peer-reviewed

© 2026 STH Press

This volume is freely accessible online. It may be shared electronically for non-commercial purposes only, provided that it is disseminated in its complete and unaltered form and that full acknowledgment of the source is given. No part of this publication may be reproduced, modified, translated, or issued in print, whether for sale or free distribution, without the prior written permission of the publisher, except as permitted by law. Responsibility for obtaining permission for the use of images, figures, and all other third-party materials rests with the individual contributors. Such materials remain subject to the rights of their respective owners.

CC BY-NC-SA 4.0

Activities supported by



Proceedings of the International Conference on Adaptive Reuse. Volume 1

edited by

Andrea Crudeli

Francesca Molle

Emanuele Carrai

This book is the outcome of an international call for papers and the subsequent international conference hosted by the Università di Pisa, held in Pisa from 15 to 19 September 2025 at the Gipsoteca di Arte Antica. The research was supported by the following Scientific Committee (in alphabetical order):

Emanuele Carrai

Dedalo Building Lab

Olga Beatrice Carcassi

Columbia University in the City of New York

Andrea Crudeli

Università di Pisa

Eduardo Delgado Orusco

Universidad de Zaragoza

Artem Kitaev

Technische Universität Wien

Stefania Landi

Politecnico di Milano

Luca Lanini

Università di Pisa

Estefanía Martín

Universitat Politècnica de Catalunya, Barcelona School of Architecture (ETSAB)

Patrizio M. Martinelli

Northumbria University Newcastle

Aleksandr Mergold

New Jersey Institute of Technology, HCAD

Hillier College of Architecture and Design, Newark, NJ

Francesca Molle

Università di Pisa

Katharina Paschburg

Technische Universität Wien

Tobias Rabold

Technische Universität Berlin

Manuela Raitano

Sapienza Università di Roma

Giuseppe Resta

Faculdade de Arquitectura da Universidade do Porto

Marcus van der Meulen

RWTH Aachen University

Graziella Trovato

ETSAM Universidad Politécnica de Madrid

Organizing Committee:

Andrea Crudeli, Francesca Molle, Emanuele Carrai, Emanuele Cremona.

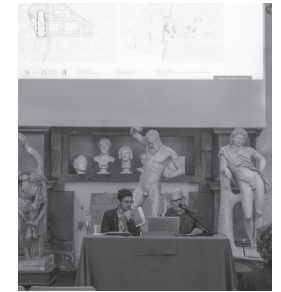


Table of Contents

0014. Andrea Crudeli. *Five Points for an Early Methodological Manifesto of Adaptive Reuse*
0026. Emanuele Carrai. *A Wrinkle in Time. Adaptive Reuse as a Relational Practice*
0032. Francesca Molle. *Recyclable City*
0040. Syed Hamid Akbar. *Reactivating Colonial Heritage: Adaptive Reuse as a Tool for Urban Regeneration in Karachi*
0047. Greta Allegretti, Pietro Brunazzi, Amath Luca Diatta, Sara Ghirardini. *Fashion-Based Adaptive Reuse and its Cultural (and Social) Meaning*
0055. Mariella Annesse, Milena Farina. *Adaptive Reuse for a Children's City*
0063. Marianna Arcieri, Oscar Eugenio Bellini. *Responsive University Residence Case Studies and Design Approaches*
0071. Luigi Arcopinto. *An Orange House for Work*
0078. Claudia Aveta. *The Restoration Project Architecture, Adjustments and Energy Efficiency*
0086. Camila Aybar, Juan Jose Mateos. *An Act in Eight Variations Instructions for Managing Obsolescence, 2006–2026*
0093. Hulya Aybek, Mustafa Koçak. *Reclaiming the Forgotten: Adaptive Reuse of Yenice Han as Threshold*
0098. Agustín Azar. *Plasticity and Distortion Exploring Office Obsolescence in Buenos Aires*
0106. Giulia Baccetti. *From Waste to Worth Participatory and Sustainable Adaptive Reuse*
0114. Gino Baldi, Serena Comi. *Stratigraphy as an Adaptive Tool for Building Heritage Parallel Reading of Three Ongoing "Adaptive Reuse" Projects*
0121. Fruzsina Barta, Zsófia Horváth-Farkas, Bence Török. *Architecture of the Found Broadening the Perspective of Adaptive Reuse from Buildings to Materials*
0129. Brunilda Basha, Erika Ruiz. *Memory, Function, and Space Adaptive Reuse as a Strategy for Reintegrating Ottoman Heritage in Albania*
0137. Michela Bassanelli. *Adaptive Reuse for Museums on Sites of Perpetrators*
0145. Marziyeh Bazyar. *Reframing Heritage Hans Hollein's Transformation of a Mansion into a Museum*
0151. Nikola Beim. *Riesentor and its Layered Character*
0158. Paolo Belardi, Monica Battistoni, Camilla Sorignani. *Learning from Earthquakes Scaffolding as Adaptive Architecture*
0166. Tommaso Berretta. *Adaptive Reuse as a Cultural Strategy: The Case of Cinema Bologna in Rome*
0175. Vladimir Bojković. *Reframing a Monument: The House of Revolution in Nikšić between Memorial Architecture and Fragmented Adaptive Reuse*
0181. Giuseppina Bosso. *From "Definitive" to "Reversible" Architecture*
0189. Karina Brünner. *Pastoral Properties as a Resource for Revitalizing Town Centers*
0197. Giuseppe Canestrino. *Climbing a Village Methods and Design Outcomes for the Widespread Reuse of the Hard-to-Reach Historic Center of Morano Calabro*

0205. Deniz Çevik, Özgün Özçakır. *Gasworks in Istanbul: the Challenge of Context-Sensitive Adaptive Reuse*
0212. Francesco Chiacchiera. *Care as Design Strategy Adaptive Reuse as a Curatorial Practice*
0220. Yi Xing Chow. *Adaptive Reuse of Penang Shophouses in George Town, Malaysia: an Overview*
0227. Armando Consoli. *Transforming the Palau Nacional: Gae Aulenti's Evolving Approach to Architectural Adaptive Reuse. Criticism, Context, and Design Compromise*
0235. Ana Curk. *Endangered Heritage: Adaptive Reuse of the War-Damaged General Staff in Belgrade*
0243. Francesca Daprà, Andrea Dechamps, Andrea Bongiovanni, Martina Pagliarani. *Living Stones Adaptive Reuse and Social Regeneration of Abandoned Monastic Complexes in Italy*
0251. Faye Watson Davies. *Reclaiming the People's Palace Critical Conservation of Great Yarmouth's Winter Gardens*
0258. Lieven De Groote, Ana Castillo. *A Living Lab Design, Development, and Implementation of Circular Renovation Strategies*
0266. Giulia De Lucia. *Adaptive Reuse of Urban Religious Heritage A Historical Perspective from the Centre of Turin*
0274. Laura De Riso, Teresa Cunha Ferreira. *Preserving the Palimpsest: Adaptive Reuse by Álvaro Siza of Donnarregina Palace (MADRE) in Naples*
0282. Andrea Dechamps, Francesca Daprà, Maria Pilar Vettori. *Dwelling in Memory Adaptive Reuse and Technological Design Strategies for the Bestetti Hangar in Arcore*
0290. Ar. Mayuri V Deodhar. *Reimagining Abandonment: Adaptive Reuse of Cultural Infrastructure in the Historic Town of Achalpur, India*
0297. Eduardo Delgado Orusco. *Reuse of Religious Heritage in the Catholic Context. A Comprehensive Strategy at the Territorial Level*
0306. Andrés de Santiago Aréizaga. *Void Reuse Adaptive Practices for Cultural Survival in Palestine*
0313. Benedetta Di Leo. *A Manifesto for Re-inhabiting Inner Areas Twelve Starting Points to Imagine the Recovery, Re-use, and Re-activation of Buildings and Urban Spaces in the Appennino Basso Pesarese – Anconetano*
0321. Michele Dovere, Leonardo Junior Pagano. *Ruins and Reels The Kelenfold Power Station in Budapest as an Emblematic Case of Immaterial Adaptive Reuse through Cinematography*
0328. Rev Dr Ruth Dowson. *Filling the Religious Void - But with what? A Strategic Event Management Approach to Eventization of Decommissioned and Deconsecrated Faith Spaces*
0336. Tommaso Empler, Elena D'Angelo, Mario Ambrogio. *Exploring Photogrammetry-Based Information Models within bBIM Contexts*
0344. Luca Esposito. *Interior Reuse Rewriting the Infra-Ordinary for Flexible Living*
0352. Gábor Fábíán DLA. *Transformation of a 100-year-old Fruit Storage Building Family Home in Szentendre*
0358. Milena Farina. *Adaptive Reuse for Collective Spaces in Modern Neighborhoods*
0366. Alberto Ferraresi. *Former Saint Dominic Convent in Pesaro Natural Renewal of Religious Memory*
0373. Attilio Ferraro, Pierfrancesco Fiore, Emanuela D'Andria. *Adaptive reuse models for the regeneration of small towns in inner areas: a systematic review following the PRISMA protocol!*

0381. Imma Forino. *Interior Reuse An Italian Conversation with the Built Environment*

0388. Pedro Freitas. *Design Strategies of Palazzo Agonigi da Scorno Intervention by Piero Sanpaulesi Bridging Urban Remains through Formal Continuity*

0396. Julia García González. *The Musealisation of the Baelo Claudia Archaeological Site, Cádiz, Spain*

0403. Mattia Gennari, Camilla Iaquone, Gianluca Falaschi. *The Loggia of Palazzo Altoviti-Valori The Reuse Project for a House in Borgo degli Albizi in Florence*

0411. Simone Gheduzzi. *Silent resonances: Circus Arts Center in a Deconsecrated Church*

0418. Federico Maria Giorgi, Oscar Eugenio Bellini. *French Student Housing Turn Industries into Great Good Places of University Life*

0426. Claudia Gowgiel, Pinelopi Filothei Karali. *Fricks - Upcycled Foamed Bricks Abundance from Waste through Alkali-Activated Material Research*

0434. Ed Green. *Stories of Home Imaginative Storytelling as a Tool for Successful Adaptation*

0442. James Hamilton, Malin Heyman. *Adaptive Reuse as Situated Critical Practice Torö and Handelsresanden2*

0450. Douglas Hassebrook AIA. *Your Gate has Changed Adaptive Reuse at the Heart of the Modern Airport*

0456. José Evandro Henriques, Fernando Moreira, Robert Schmidt III, Mila Santos. *Spirit of Architecture The Adaptive Reuse of Queira-Deus House in Brazil*

0464. James Hepper, Daniel Rea, Paola Zanutto. *Regenerative Processes at Scale An Adaptive Reuse Strategy for Port Talbot*

0472. Bart Hollanders, Filippo Cattapan. *(In) (Out) Si(d)(t)e Reconsidering the Boundaries Between Old and New*

0479. Francesco Iuliano. *Mind the Gap Between City and University Adaptive Reuse of Intermediate Spaces in West Naples*

0487. Rabab Raes Kazem, Noor Abdulkhaleq. *The Memory of Oil Re-Inhabiting Kuwait's Forgotten Modernism*

0495. Kivanc Kilinic. *Rethinking Adaptive Reuse: Three Buildings and Their Curious Disappearance*

0503. Hyunggyu Kim. *Dive with Me! Democratic Architectural Experience in the Age of Media*

0509. Jonas Klaassen. *Ephemeral Reuse Festivals and Public Space in 18 century Paris*

0517. Saadet Kök Ayaz, Duygu Cankurtaran. *Creative Pedagogies on Adaptive Reuse: Reimagining İstanbul SSK Zeyrek Building*

0525. Vsevolod Kondratiev-Popov. *Seconded Subjectivity Design Agency in Reuse*

0532. Trayana Kovacheva. *Reinventing Liberty Adaptive Reuse and the Contemporary Life of Early Modern Architecture*

0540. Magnus Reffs Kramhoft, Line Kjær Frederiksen. *Finding Relevance in the Overlooked A Case Study into the Value Assessment of Younger Obsolete Buildings*

0548. Barbora Krejčová, Jan Foretník. *Typology of Losses Adaptive Reuse Strategies*

0554. Karl Kvaran. *Adaptive Reuse at Stöng Architecture as Interpretive Transformation*

0564. Carlos Labarta Aizpún, José Antonio Alfaro Lera. *Intervention in the Compromise of Caspe Castle A Search of the Continuity*

0572. Andreas Lechner. *Typological Affordances. Drawing Adaptions Over Time*

0581. Francesco Leoni, Rebecca Fascia, Livio Pinto. *Architectural Identity and Reuse The Benedictine Church Case Study in Piacenza*

0589. Francesco Lipparini, Greta Manelli, Danilo Manzo. *Unfolding the Layers: Legacy and Potential Futures of Reno Valley Paper Mills (Bologna)*

0597. Guillier Lopez, Brinda Sarma, Vasiliki Pezodromou. *What If It Survived? Virtual Adaptive Reuse and the Case of Boděnska Huset*

0605. Davide Lucia. *Reuse the Landscape in Post-catastrophe Contexts Reflections on the Case of San Martino Valle Caudina*

0610. Laura Magri, Muck Petzet. *From "Bankkultur" to "Umbaukultur" A Critical Framework for Adaptive Reuse*

0615. Benedetta Marradi, Francesco Parri, Sara Benvenuto. *The Sant'Agostino Complex in Pietrasanta Adaptive and integrated strategies for sustainable reuse*

0623. Estefanía Martín. *Cinderella's Slipper. New Uses and Junkspace for Old Buildings*

0633. Patrizio M. Martinelli. *Elements, Montage, Reclaimed. Practice and Pedagogy of Adaptive and Creative Reuse*

0642. Pedro Mendes da Rocha, Felipe de Souza Noto. *A Museum of the Portuguese Language at the Luz Station*

0652. Aleksandr Mergold. *An American Spolia: The Other Extraction. The Impossible out of the Quotidian*

0663. Manlio Michieletto. *Reviving the Caravanserais Adaptive Reuse of the Wikala of Qansub al-Ghuri in Contemporary Cairo*

0670. Gianluigi Mondaini, Francesco Chiacchiera. *Adaptive Reuse Strategies for the Former Convent of San Francesco alle Scale in Ancona*

0678. Fernando Moral-Andrés. *Critically Ephemeral Heritages? Abandonment, Reactivation, and the Crisis of Peripheral Heritage in Zapadores – Ciudad del Arte and La Tabacalera (Madrid)*

0686. Larissa Mörschbacher. *Venice Charter (1964) and Madrid-New Delhi Document (2017). Some Conceptual Developments on Authenticity*

0700. Liliane Janine Nizzola. *The Brazilian Fortress of São José da Ponta Grossa. The challenges of restoring and providing accessibility*

0708. Sergio Ortín-Molina, Silvia Domene-Camarasa. *Beyond Materiality Adaptive Reuse as a Situated and Ethical Practice in the Global South*

0716. Yeşim Kutkan Öztürk. *Sacred Continuities The Afterlife of the Ancyran Temple of Augustus and Roma*

0724. Irene Pasina. *Reviving Heritage for a Resilient Urban Future The Heart of Sharjah Project in the UAE*

0731. Angelo Passuello. *Timber Trusses in Medieval Roofs Strategies of Conservation, Integration, and Replacement*

0739. Miquel Peiro, Anna Maria Bordas. *A Comparative Analysis of Adaptive Reuse Design Strategies for Two Recent Cultural Projects in Rennes New Museum of Fine Arts in the Maurepas district (Titan Architectes) and New Cultural Center of St Helier (Guinée_Potin)*

0748. Lisandra Perez Zayas, Rafael Vargas Correa. *Waste to Opportunity Reusing an Abandoned Storage*

Building in Puerto Rico

0756. Ariadna Perich Capdeferro, Roger Such Sanmartín. *Contrasting Dialogues Lluís Ma Vidal i Arderiu and the Intervention at Santa Maria de Lilet.*
0762. Aleksandra Pešterac. *The Poetics of Abandonment in Architecture*
0772. Mariateresa Petino. *When Ruins Speak The Transformation of the Convent of Santa Maria do Bouro*
0778. Karolina Pieniążek. *Restoring Transparency Adaptive Reuse of Tashkent's Panoramic Cinema*
0786. Endy Yudho Prasetyo. *Adaptive Future of Abandoned Dutch Colonial-Era Sugar Factories in Java*
0794. Enam Rabbi Adnan, Md. Didarul Islam Bhuiyan, Tazrin Islam. *From Confinement to Community Integration Revitalizing the Old Dhaka Central Jail Through Adaptive Reuse*
0802. Tobias Rabold. *Doubting Spolia Adaptive Reuse of a Stone*
0810. Manuela Raitano. *The Aesthetic of Reuse An "Unglorious" Condition for Contemporary Architects*
0817. Mahwish Ghulam Rasool, Syed Hamid Akbar. *Layers of Meaning Adaptive Reuse, Cultural Continuity, and the Spirit of Place in Pakistan's Heritage Architecture*
0824. Mirko Romagnoli. *Accessibility and Conservation in Historic Gardens The Accessibility Plan for the Boboli Garden*
0831. Vanni Sacconi. *Between Site-Specificity and the Persistence of Memory The Marino Marini Museum in the former Church of San Pancrazio, Florence*
0841. Luis del Campanar Santos Muñoz. *Bullrings Roofing in Spain Functional Solutions for a Heritage Future*
0849. Anne Scheinhardt. *Too much context? Rome, its forgotten industrial past, and adaptive reuse*
0857. Carla Sechi, Pier Francesco Cherchi, Marco Lecis. *Design Strategies for the Adaptive Reuse of Decommissioned Rural Churches The Case of the Coastal Landscape of Sardinia*
0865. Emily Marie Shiga. *Akiya Japan's Abandoned Assets*
0872. Franc Shllaku. *The Pyramid of Tirana From the "Mausoleum" of the Albanian Communist Dictator to a Cultural Hub*
0880. Julian Snethlage. *On-Site Reuse – Design Strategy for the East Wing of the Festspielhaus Hellerau*
0888. Emma Sumrow. *The Pyramid of Tirana A Site of Public Spectacle and Private Power*
0896. Cecilia Sundström. *Changing values Motivations for Adaptive Reuse in Urban Development*
0903. Paul Susini. *And the Smell of Rot Fills the Country Reflections on an Architecture-Consuming Society*
0911. Laura Suvieri, Fabio Bianconi, Marco Filippucci. *Toward Systemic Reuse A GIS-Based Model for Adaptation in Spatial Planning*
0919. Melanie Tamm, Lionel Devlieger. *Case Study: MAD The Center for Fashion & Design in Brussels, Belgium*
0927. Concetta Tavoletta, Vittorio Vernazzani. *Topographies of Care Adaptive Reuse, from Last-Scape to Safe Space*
0935. András Tímár. *Augmented Reality-Based Reconstructions in Historical Sites An Example from Aquincum*
0942. Valerio Tolve. *From Lounge Durée to Innovation Regenerating Alpine territories Through the Adaptive Reuse as a Strategy for Sustainability and the Rediscovery of Everyday Life Heritage*

0950. Eirini Travlou, Ivan Nevzgodin. *[Re]formation of Maritime Dystopias*
0957. Graziella Trovato. *The ecology of reuse in heritage contexts*
0966. Monica Tusinean. *Beyond Taxonomy: Adaptive Reuse. Phenomenographies Design Driven Research on the Reanimation of Post-Communist Industrial Ruins*
0974. Marcus van der Meulen. *Negotiation and Hybridity: Adaptive Reuse of Industrial Heritage in Warsaw*
0982. Rita Vasco. *Memory. Territory. Identity Church of Santa Maria do Castelo*
0990. Giacomo Viscovo, Lorenzo Palladino, Giuseppe Sorrentino. *Urban Spolia The Case of Carminiello ai Mannesi*
0996. Georgios Vlachodimos. *Design Workflows in Digital Heritage. The Propylaea in Archaeological Site of Delos in Greece*
1004. Maya Weber. *Adaptive Reuse of a Historic Mortuary Chapel in Dresden*
1012. Elvina S. Wijaya, Stephanus W. Dharmatanna, Timoticin Kwanda. *The Adaptive Reuse of Pos Bloc Surabaya Reinventing Context for Community*
1020. Esra Özkan Yazgan, Sermin Çakıcı Alp. *Determining an adaptive reuse strategy for cultural sustainability A discussion on the Ottoman bamams in Turkey*
1028. Maria Yioutani-Iacovides. *Manchester's Regeneration and Adaptive Reuse in the Twenty-First Century*
1036. Zhenzhen Yu, Robert Schmidt III, Simon Richards. *Proposing an Analytical Framework for Adaptive Reuse of Heritage Buildings*
1044. Zhengwen Zhu. *Contemporary Spolia in Adaptive Reuse*