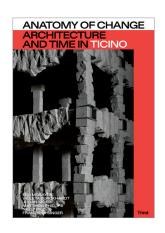


T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch



Elli Mosayebi, Violeta Burckhardt, Julian Meier Matthew Phillips, Nelly Pilz, Franziska Singer (Hrsg.)

# Anatomy of Change. Architecture and Time in Ticino

Buchgestaltung: Maike Hamacher, Selina Bütler, Zürich Englisch, 136 Seiten, ca. 120 Abbildungen und Pläne, 22 × 31 cm, Halbgewebebroschur

Euro (D) 32.-, Euro (A) 32.90, CHF 32.-ISBN 978-3-03863-094-4

### Buchvernissage

13. November 2025, Zürich Details folgen → triest-verlag.ch/news Neuerscheinung Oktober 2025

# Temporär, zirkulär, dauerhaft – Strategien für den Bestand

- Von temporär, zirkulär bis dauerhaft Strategien für den Umgang mit dem Bestand für verschiedene Ansprüche
- Die vorgestellten Projekte adressieren zentrale Fragen wie Klimaveränderung, demografischen Wandel und Ressourcennutzung

Das Zusammenspiel von Klimawandel, demografischem und ökonomischem Wandel führt zu tiefgreifenden und unvorhersehbaren Veränderungen in Architektur, Landschaft und urbanem Raum.

Gleichzeitig steht die Forderung nach einer resilienten, zukunftsfähigen Architektur. Doch unsere Bauten halten immer weniger lang. Die gebauten Strukturen sind häufig zu starr, um sie an veränderte Bedürfnisse anzupassen. So bestimmt die Nutzungsdauer die Lebensdauer eines Hauses und nicht umgekehrt.

Versteht man Zeit und Dauer als entscheidende Faktoren einer nachhaltigen Architektur, erfordert dies veränderte Herangehensweisen. Diese werden in der Publikation untersucht.

Das Tessin ist hierfür ein ideales Untersuchungsgebiet für Fragestellungen, die die Schweiz und ganz Europa betreffen, da es besonders stark von diesen Veränderungen betroffen ist. Es besticht durch sein einzigartiges Mikroklima, ein weitverzweigtes Infrastrukturnetz, den Zugang zu Bau- und Energieressourcen, vielfältige Migrationsströme und ein reiches kulturelles Erbe.

Im Rahmen von drei Semestern entwickelten Studierende der ETH Zürich Projekte mit unterschiedlichen Zeithorizonten – von temporär, zirkulär bis dauerhaft. Diese Ansätze adressieren zentrale Aspekte des Tessiner Territoriums – wie Klimaveränderung, demografische Alterung und Ressourcennutzung – und eröffnen neue Strategien für den Umgang mit architektonischen Transformationsprozessen. Wandel wird dabei als konstitutives Element von Resilienz begriffen.

T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch

INTRODUCTION Violeta Burckhardt	5	
WHAT LASTS? Elli Mosayebi	7	
TEMPORALE Weather as an Event. Stable Architecture in Unstable Environments Violeta Burckhardt. Matthew Phillips	19	
All Uzun / Timon Volde, Wind Catchers, fall 2022 Marco Weibel / Philip Einhaus / Silvan Muff, La Grictatilina, fall 2022 Oscar Lussi / Jan Zimmermann, Hydria, fall 2022 Oscar Partiander, Michael Utiger, More is More, fall 2022 Ansgar Kellner / Nicolas König / Lewis Horkulak, A Fish Odyssey, fall 2022	22 / 30 23 / 36 24 / 42 25 / 48 27 / 54	
CIRCOLARE Between Growth and Shrinkage – the Discovery of Circularity Elli Mosayebi, Franziska Singer	61	
Pauline Sauter / Elischa Bischof, Future Inheritance,	63 / 68	
spring 2023 Céline Ryffel / Joel Liechti, <i>La Casa senza uomo</i> , spring 2023	64 / 74	
Nora Hochuli / Frano Karlovic, Vipera, spring 2023 Stefan Bopp / Noé Schwaller, Chiasso Barometro, spring 2023	65 / 80 66 / 86	
PERMANENTE Tectonic Repositories. The Aesthetic of Opulence Julian Meier, Nelly Pilz	93	
Johanna Lorch / Julius Schwartz, Der Stein ist mein Haus, fall 2023	95 / 100	
Renia Bode / Michel Crelier, La permanenza come contentiore del cambiamento, fall 2023 Philipp Schmid / Timo Bauer, Langsame Baustelle, fall 2023	96 / 106 98 / 112	
Michael Mohr / Georg Rohr, Tessere, fall 2023	99 / 118	
APPENDIX Biographies Bibliography Image credits Imprint	125 129 131 131	

Die Arbeiten sind durch Pläne, Konstruktionsdetails, Architekturmodelle, künstlerische Bildarbeiten und Collagen umfassend dokumentiert. Sie illustrieren nicht nur die konkreten Projekte, sondern auch die zugrunde liegenden Entwurfsideen und deren Vermittlung. Dabei wird die zentrale Rolle des Narrativs zur Vermittlung neuer Strategien deutlich.

# Über die Herausgeberschaft

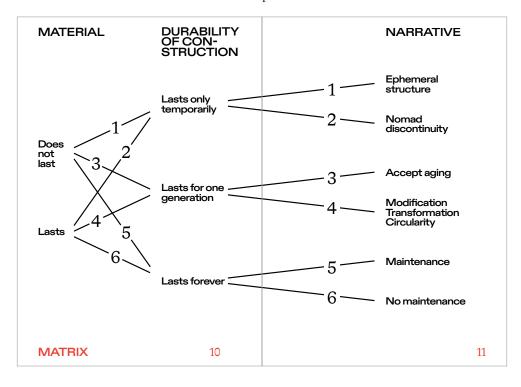
Die sechs Autorinnen und Autoren sind an der Professur von Elli Mosayebi an der ETH Zürich tätig und verfolgen zudem eigene Projekte:

Elli Mosayebi ist Partnerin bei EMI Architekt\*innen. Violeta Burckhardt betreibt ihr Landschaftsarchitekturbüro studio erde.

Julian Meier führt sein eigenes Architekturstudio. Matthew Phillips leitet das interdisziplinäre Studio HSZJN398.

**Nelly Pilz** arbeitet mit ihrem Büro studiopilz an Projekten an der Schnittstelle von Architektur und Kunst.

**Franziska Singer** setzt mit ihrem eigenen Büro den Schwerpunkt auf Transformation.



T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch

## 2.NOMAD DISCONTINUITY





- the construction is only temporary
- → living like nomads

The most radical way to minimize our ecological footprint is to eliminate permanent lodging. Instead, individuals remain in continuous movement, carrying only the essentials. Their migrations align with seasonal rhythms, shifting between summer and winter quarters in response to environmental conditions.

## 3.ACCEPT AGING





- the construction only lasts for one generation
- → aging and decay are accepted

Architecture is an unstable assemblage of materials (Ákos Moravánszky), bound for a certain period of time. Without maintenance and renewal, every building is exposed to the forces of nature and will eventually deteriorate. What if deterioration is an integral part of the architectural intention? How do we plan deterioration?

12

## 4. MODIFICATION, TRANSFORMATION, CIRCULARITY





- the construction lasts only one generation
- → the transformation of the building and the circularity of the components are part of the architectural project

Until the mid-20th century, the paradigm was to extend the service life of buildings. According to Uta Hassler, early concepts of prefabrication took into account the ability to dismantle and reuse building components, thus emphasizing physical permanence (Hassler 2011). The idea of buildings as repositories of materials is not new; historically, it has been driven by economic considerations and resource efficiency

This narrative follows a simple principle: one house build for one generation! Since the longevity of construction methods often falls short of the durability of the materials them-selves, projects are created as tailored responses to transient needs. In this view, buildings become provisional constella-tions in an ongoing cycle of disassembly and recomposition.

### 5. MAINTENCANCE





- the construction lasts forever

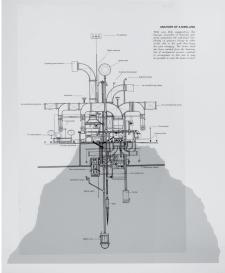
13

WEATHER AS AN EVENT. STABLE ARCHITECTURE IN UNSTABLE ENVIRONMENTS



The following projects – Wind Catchers, La Cristallina, Hydria, Moor is More and A Fish Odyssey – synthesize the evolution-ary concept of adaptation with a nuanced understanding of weather and climate. From the peaks of the Alps to the basins of Tictino slakes, the territory is changed winding through from the sky and car-diated by descending from the sky and car-winding through rivers and plunging into the projects as both a material resource and a dynamic agent of transformation. Within this kinetic landscape, architecture becomes an adaptive force – rooted not only in the cul-tural and geographical specificity of the

Ticino region, but also in the anticipatory response to impending climate extremes. These projects engage with architecture's potential for resilience and fluidity, emerging as structures in a constant state of flux. They envision possible futures and function as experimental sites for speculative research.





T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch

Drought (Hydrant)

The Hydria project by Oscar Lussi and Jan Zimmermann also responds to extreme conditions to address issues of water supply and demand. During the summer months in Ticlino, as temperatures as the control of the co

countered by the drought conditions in the late winter and early summer months, when forest fires are most likely to occur. The discrepancy between water resources and the lack of infrastructure to reach these remote forest regions makes emergency response particularly challenging, which is the property of the proper



**HYDRIA** 

Slow Rivers)

The canton of Ticino is renowned for its microclimate, Mediterranean weather and dramatic rainfall patterns. These episodes occur briefly yet intensely during the late summer and autumn months, when the mountains release torrents of rainwater, rejuvenating the valleys below. While prolonged periods of continuous rainfall extend into early winter, the erraite and sudden summer downpouts post. The continuous rainfall extend into the valley, feeding the southern lakes. However dire predictions of intensified rainfall patterns are raising concerns over heightened flood risks bringing Ticino's robust water infrastructure to a critical tipping point. This is due to rising atmospheric temperatures and the sealating levels of moisture evaporating from nearly water bodies – a specorating from nearly

with some areas receiving up to 250 liters of rain per square meter. This deluge inundated basements and put significant strain on the Ticino River canal system, threatening crops, industries and people.

ening crops, industries and people.

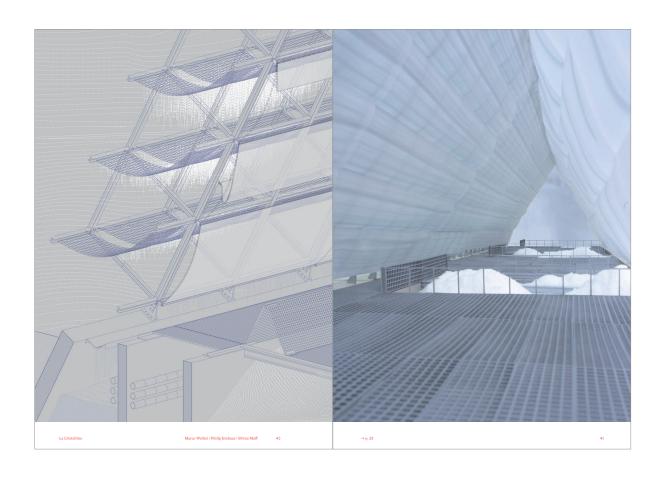
The Magadino Plain, the focus of the Moor is More project by Senta Pahrländer and Michael Utiger, has historically served as a natural regulator of water fluctuations in Lake Maggiore. However, resource scarcity, food shortages and health concerns prompted the canadization of the area of the content of the conten

rastructure.

Moor is More controls the infiltration Moor is More controls the immunation of water into the ground by directing it into retention infrastructure, thereby enriching local water bodies and facilitating distribution. Along the north—south trajec-



MOOR IS MORE



T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch

## 2.NOMAD DISCONTINUITY





- the construction is only temporary
- → living like nomads

The most radical way to minimize our ecological footprint is to eliminate permanent lodging. Instead, individuals remain in continuous movement, carrying only the essentials. Their migrations align with seasonal rhythms, shifting between summer and winter quarters in response to environmental conditions.

## 3.ACCEPT AGING





- the construction only lasts for one generation
- → aging and decay are accepted

Architecture is an unstable assemblage of materials (Ákos Moravánszky), bound for a certain period of time. Without maintenance and renewal, every building is exposed to the forces of nature and will eventually deteriorate. What if deterioration is an integral part of the architectural intention? How do we plan deterioration?

12

## 4. MODIFICATION, TRANSFORMATION, CIRCULARITY





- the construction lasts only one generation
- → the transformation of the building and the circularity of the components are part of the architectural project

Until the mid-20th century, the paradigm was to extend the service life of buildings. According to Uta Hassler, early concepts of prefabrication took into account the ability to dismantle and reuse building components, thus emphasizing physical permanence (Hassler 2011). The idea of buildings as repositories of materials is not new; historically, it has been driven by economic considerations and resource efficiency

This narrative follows a simple principle: one house build for one generation! Since the longevity of construction methods often falls short of the durability of the materials them-selves, projects are created as tailored responses to transient needs. In this view, buildings become provisional constella-tions in an ongoing cycle of disassembly and recomposition.

### 5. MAINTENCANCE





- the construction lasts forever

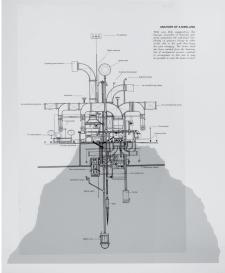
13

WEATHER AS AN EVENT. STABLE ARCHITECTURE IN UNSTABLE ENVIRONMENTS



The following projects – Wind Catchers, La Cristallina, Hydria, Moor is More and A Fish Odyssey – synthesize the evolution-ary concept of adaptation with a nuanced understanding of weather and climate. From the peaks of the Alps to the basins of Tictino slakes, the territory is changed winding through from the sky and car-diated by descending from the sky and car-winding through rivers and plunging into the projects as both a material resource and a dynamic agent of transformation. Within this kinetic landscape, architecture becomes an adaptive force – rooted not only in the cul-tural and geographical specificity of the

Ticino region, but also in the anticipatory response to impending climate extremes. These projects engage with architecture's potential for resilience and fluidity, emerging as structures in a constant state of flux. They envision possible futures and function as experimental sites for speculative research.





T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch

Drought (Hydrant)

The Hydria project by Oscar Lussi and Jan Zimmermann also responds to extreme conditions to address issues of water supply and demand. During the summer months in Ticlino, as temperatures as the control of the co

countered by the drought conditions in the late winter and early summer months, when forest fires are most likely to occur. The discrepancy between water resources and the lack of infrastructure to reach these remote forest regions makes emergency response particularly challenging, which is the property of the proper



**HYDRIA** 

Slow Rivers)

The canton of Ticino is renowned for its microclimate, Mediterranean weather and dramatic rainfall patterns. These episodes occur briefly yet intensely during the late summer and autumn months, when the mountains release torrents of rainwater, rejuvenating the valleys below. While prolonged periods of continuous rainfall extend into early winter, the erraite and sudden summer downpouts post. The continuous rainfall extend into the valley, feeding the southern lakes. However dire predictions of intensified rainfall patterns are raising concerns over heightened flood risks bringing Ticino's robust water infrastructure to a critical tipping point. This is due to rising atmospheric temperatures and the sealating levels of moisture evaporating from nearly water bodies – a specorating from nearly

with some areas receiving up to 250 liters of rain per square meter. This deluge inundated basements and put significant strain on the Ticino River canal system, threatening crops, industries and people.

ening crops, industries and people.

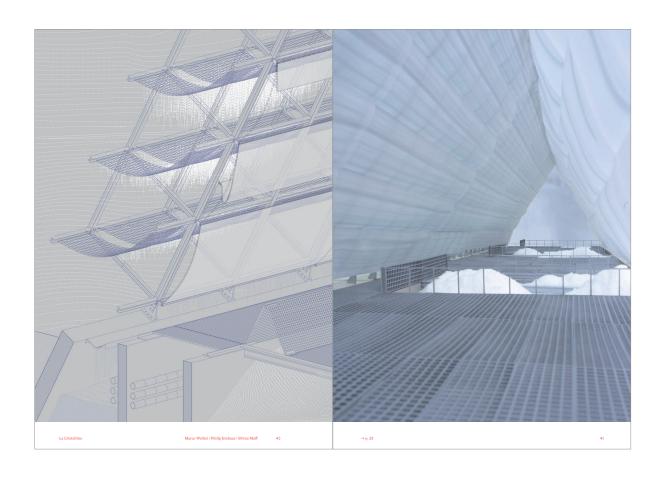
The Magadino Plain, the focus of the Moor is More project by Senta Pahrländer and Michael Utiger, has historically served as a natural regulator of water fluctuations in Lake Maggiore. However, resource scarcity, food shortages and health concerns prompted the canadization of the area of the content of the conten

rastructure.

Moor is More controls the infiltration Moor is More controls the immunation of water into the ground by directing it into retention infrastructure, thereby enriching local water bodies and facilitating distribution. Along the north—south trajec-



MOOR IS MORE



T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch



# **BETWEEN** orotound DET VVEEN GROWTH AND invals SHRINKAGE els. no gof the THE DISCOVERY OF CIRCULARITY

how circular systems can contribute to re-storing abandoned agricultural properties as material cultural heritage and to com-municating their historical significance to the general public. For the 15th-centu-ry Masseria di Vigino in the Mardrisiotto-region—a heritage-listed building at immi-nent risk of collapse—this case study pro-poses a phased restoration concept aimed at raising public awareness.

Metal scaffolding supports the dilap-sidated exterior walls, allowing the entire estate complex to be wrapped in an ar-chitectural textile. This outer skin makes the metamorphosis of the cultural asset visible prima rail. In this way, a tempo-terior than the control of the cultural con-trol of the cultural section of the cultural asset the metamorphosis of the cultural asset visible grown afair. In this way, a tempo-terior that the cultural control of the cultural publiding, an on-site infrastruc-cular that protects the numerous steps of the comprehensive restoration and at the same time serves as a place for commu-

nication and educational outreach. In the first phase of the restoration, sleeping compartments made of felt are suspended inside several scarfolding towers to serve as rooms of a hostel. Since the construction site is also simbalized, anyone who is interested can watch and learn how the ruins are gradually transformed into a living historical monument for the Future. The public, the boad-bearing structure is reinforced, the roof is replaced, wood-bear mount of the public, and the building services are connected until the first rooms are opened as a work-shop and café. At the beginning, the hostel is housed in the scarfolding, but by the end of the process, it is located in the returbished rooms of the Masseria. Not only the restoration itself, but the entire renewal process constitutes from of living chewal process constitutes from one living chewal process constitutes from one living chewal process constitutes from one living chewal process che

New Infrastructures and Demographic Change

New Infrastructures and Demographic Change The Completion of the Gotthard Base Tunnel in 2020 provided another boost to development. Train travel time between Zurich and Bellinzona has been reduced to less than 100 minutes. The canton's public transportation system has been further expanded and optimized. Bellinzona's importance as the gateway to Ticino and as the bub of the efficient Cital Ticino and as the bub of the efficient Cital Ticino transport tames as the gateway to Ticino and as the bub of the efficient Cital Ticino transport and the complete the c



T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch





T: 0041 78 6483720 contact@triest-verlag.ch triest-verlag.ch

Quarries in Switzerland:
Stone in Abundance

Until the 19th century, natural stone in Switzerland was mainly quarried locallly, often by hand, using simple, laborious control of the co

LA PERMANENZA COME CONTENITORE DEL CAMBIAMENTO

96

rior quality or size that is not ordinarily used. Cutting with a diamond wire saw is more precise and therefore saves material. The process involves wrapping a diamond-studded wire around the rock and rotting it continuously to cut the rock, applying water as a coolant. The technique for drilling and splitting involves drilling holes into the rock and then inserting splitting wedges into the holes. Manual, hydraulic or pneumatic pressure is used to split the blocks of stone along a natural fracture line.

An example of the latter extraction method can be seen at Cava Boschetto in

Cevio. The Maggia gneiss quarried there is characterized by its good fissility, so the slabs are often used with a raw spilit finish. Since the quarry is expected to close in the next ten years due to the expiration of its formation of the control of the contro

Tectonic Opulence

The use of natural stone as a loadbearing construction material requires 
specific consideration not only of the maerial flow, but also the stone's material 
properties. Its formation and the associatout a stratification in the mountain opens up 
a specific range of possibilities for its use 
in the building: It determines the shapes 
and sizes that can be quarried, the possibilities for joining (friction, insertion, 
stacking, wedging) and the bedding plane 
orientation of the various stones and rock 
types. The tectonics of the mountain are 
directly translated into the structure of the 
building: The mountain is the basis for the 
size and workability of the rough blocks; 
their original position in the mountain 
determines their compressive strength in 
three-dimensional space.



