CONTENTS

Contributors

Editorial

Graham Riach | In Place of Crisis

Jason Rebillot | Degrowth Theory and the Crisis Machine

OMA | Rebuilt by Design: A Comprehensive Urban Water Strategy

Felipe Hernández | Urban and Environmental Crisis in Cali, Colombia: Locating its Origins and Scrutinising the Proposed Solutions

Afra van’t Land | Infrastructure as Educational Spine in Mathare, Nairobi

Renata Tyszczuk | Architecture of the Anthropocene: The Crisis of Agency

Ross T. Smith | Quarantine. Transitional Displacement

Emily So and Stephen Platt | Earthquakes and their Socio-Economic Consequences

Mehrnaz Ghojeh and Tom Lindsay | Urban Emergencies: Emergent Urbanism. Towards a Spatial Understanding of Time and Risk Culture in the Built Environment

Simin Davoudi | Deconstructing Resilience

Nick Baker | The Engineering Gene and the Nature of Crisis

Edward Barsley | Transition to a Riparian Landscape: Designing a Flood Resilient Coastal Settlement in Par Docks, Cornwall

Wendy Pullan and Max Sternberg | Negotiating Conflict in the Urban Environment: Jerusalem’s Damascus Gate

Hanna Baumann | Gaza’s Petrol Stations

Barnaby Bennett | Unstable Urbanism: Learning from Post-Quake Christchurch

Dimitra Dantsiou, Dimos Moysiadis and Konstantinos Panopoulos | Design for Social Eco-housing in a Rural Context

Aaron Gillich | The Simmering Crisis of Domestic Energy Use: Why Policies Fail to Transform Retrofit Markets

Mary Freedman | Voting with our Wallets: Crowdfunding for Civic Projects

Ariel García | Devil Inside/The B-Side. Postscript from a Triple Crisis-Survivor

Samantha Phillips | Head in Hand: The Henry Moore Hiding in Scroope Terrace

Daniel Godoy-Shimizu | Architectural Projections

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Thomas Lindsay has worked at the London School of Hygiene & Tropical Medicine (LSHTM) and with members of the Medical Research Council (MRC) and the Natural History Museum. He has published papers in collaboration with world health experts funded by the Bill and Melinda Gates Foundation Grand Challenges Explorations Grant. He has also worked at the RIBA and Agence Ouvray (Hong Kong).
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Dimos Moysiadis graduated from the School of Architecture at the Aristotle University of Thessaloniki in Greece. He then did his MSc in Adaptive Architecture and Computation as a scholar in Bartlett School of Graduate Studies in London. He runs his own architecture firm based in Athens working on projects of various scales.

OMA (Office for Metropolitan Architecture). OMA New York was established in 2001 and has since overseen the successful completion of several buildings – including Milstein Hall at Cornell University, Seattle Central Library, the Prada Epicenter in Los Angeles and New York and the IIT Campus Center in Chicago. Under the direction of Partner Shohei Shigematsu, the New York office is currently overseeing a number of cultural projects, including a private foundation in the Philippines, a new performance space for Marina Abramovic, and a studio renovation in New York for artist Cai Guo Qiang

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Samantha Phillips read History of Art and for the last ten years has worked as a freelance writer and editor. Two years ago she began researching The Cambridge Contemporary Art Trust, which was established in 1946 by Bill Howell.

Dr. Stephen Platt BA MSC PhD is a Social Scientist with higher degrees in engineering and architecture. His research experience is in urban planning, community engagement, housing, energy use and disaster reconstruction and recovery. He has been a director of Cambridge Architectural Research (CAR) since 1990 and its Chairman since 2001.

Dr. Wendy Pullan is Head of Research and Director of the Martin Centre for Architectural and Urban Studies in the Department of Architecture at the University of Cambridge and Director of the Centre for Urban Conflicts Research. Her recent publications include: Locating Urban Conflicts (2013) and The Struggle for Jerusalem’s Holy Places (2013).

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Dr. Renata Tyszczuk is Senior Lecturer in Architecture at the University of Sheffield. Her research explores global environmental change and provisionality in architectural thinking and practice. She is a British Academy Mid-Career Fellow and also a Visiting Scholar at the Department of Architecture, University of Cambridge (2013-2014).

Afra van’t Land grew up in West and East Africa to Dutch parents. Having studied at University College London and the University of Cambridge, she now lives and practices architecture in London, where she is working towards her professional qualification as registered Architect.
EDITORIAL

Crisis? Yawn. Financial Crisis, Austerity Crisis, Social Crisis, Cultural Crisis, Political Crisis, Educational Crisis, Environmental Crisis, Medical Crisis, Economic Crisis, Personal Crisis – are there any more crises to be had in our society of rolling crises? What does ‘crisis’ even mean in such a constantly compounding state of crises?

This 23rd issue of Scroope attempts to think notions of crisis productively, both in itself, and as modes to think architectural possibility afresh. Rather than attempting to ignore the effects of crisis through burying our communal head in the sand and ploughing on regardless, and numbing the affects of crises through Prozac (or its generic equivalent), this issue attempts to embrace these effects and affects as tools to re-evaluate, recalibrate, and reconsider what architecture can do and can be.

The issue is subtly curated to highlight a wide variety of specific responses to different ideas, types, and realities of crisis – past, present, and future – within a broad architectural framework. Although not explicitly thematically categorised, it is hoped that readers will find direct and indirect connections between the sequence of articles on focussed topics; architectural projects that are responsive to specific crises are interwoven amongst other more academic pieces. Through these nuggets of thinking and examples of practical responses to varying conceptions of crisis, we hope to give you some architectural fodder for thinking crisis anew.

We begin with Graham Riach thinking through the etymology of the word ‘crisis’ as a method to open up the deeper nuances latent within it. Jason Rebillot then discusses the recent emergence of degrowth theory and the potentials it provides for design and planning, in response to the crises brought on by the capitalist model of continuous growth. Responding to the direct effects of Hurricane Sandy, OMA explicate how they integrated principles of optimal resiliency, smart communication, and high density in their urban design proposal for the Hoboken waterfront in New Jersey. Felipe Hernández then explores how architectural intervention can sometimes exacerbate a crisis in its attempts to resolve it, focusing on examples from Cali in Colombia. In contrast, Afra van’t Land’s discusses how an incremental approach of ‘urban acupuncture’ in Mathare, Nairobi offers a different mode of infrastructure service provision, community engagement, and provision of sustainable civic space.

Transitioning to a bigger conceptual scale, Renata Tyszczuk discusses the architecture of the ‘anthropocene’ and its wider crisis of agency. Ross T. Smith then explores some of the complexities of transitional displacement through an evocative series of images. Returning to specific practicalities, Emily So and Stephen Platt discuss how the vulnerability of urban populations to earthquakes has increased the scale of catastrophes, and how the resultant socio-economic consequences can be mitigated. Thomas
Lindsay and Mehrnaz Ghojeh follow this with a broader discussion of risk culture, highlighting through a series of case-studies notions of research, design, and design-based research in dealing with crises and emergencies in the built environment. Following Simin Davoudi’s deconstruction of ‘resilience’, Nick Baker discusses the technical and behavioural aspects of sustainability in the built environment. Edward Barsley then explicates his architectural proposal for a flood resilient coastal settlement in Par Docks, Cornwall, as a projective example of designing positively for expected severe events of nature.

Wendy Pullan and Max Sternberg emphasise the importance of the social sciences in understanding the roles of architecture in negotiating conflict, using the example of the Damascus Gate in Jerusalem. Hanna Baumann then reveals glimpses of hope and a past normality in her photographic essay of the petrol stations of Gaza. Defining crisis as a temporal uncertainty that threatens the existing order of things and forces the emergence of new assemblages, Barnaby Bennett then highlights the critical role of architecture through the example of post-earthquake Christchurch, New Zealand. Returning to a specific architectural response, Dimitra Dantsiou, Dimos Moysiadis, and Konstantinos Panopoulos propose a sustainable, viable, and affordable housing prototype as an answer to the current social housing needs in Greece. Aaron Gillich follows this with a discussion about the simmering crisis of domestic energy use and why policies fail to transform retrofit markets, arguing for a newer generation of less isolated market transformation programs. Mary Freedman then discusses alternative modes of project funding with the new and intriguing crisis-inspired funding operation that is Spacehive. After a momentary pause to consider Ariel García’s personal cathartic crisis of graduate research, our journal ends with some stories from the Department: a Henry Moore sculpture residing in Scroope Terrace; a snapshot of recent activities held by ArcSoc (the University of Cambridge Student Architecture Society); and the film-focused event, Architectural Projections.

We would like to express our deep gratitude to all the contributors to Scroope 23 for their generous and thoughtful submissions, as well as their continued patience with our perhaps less traditional editorial process. We would also like to extend our sincere thanks to the University of Cambridge Department of Architecture for providing the anchor funding for Scroope. Finally, we would also like to thank deeply the staff, students, and all our various colleagues at the Department of Architecture for their assistance, support, patience, and inspiration as we bore this issue.

This special issue of Scroope sees opportunity in crisis. Through an experience of crisis we see a productive mode of re-evaluation and focused action. We hope you enjoy this issue of The Cambridge Architecture Journal, and find many opportunities in all crises which may befall you.