## Instructions for contributors

 $Please\ go\ to: https://www.cambridge.org/core/journals/arq-architectural-research-quarterly/information/instructions-contributors\ for\ the\ full\ instructions.$ 

arq: Architectural Research Quarterly (issn 1359-1355) is published four times a year in March, June,  $September \ and \ December. \ Four \ parts \ form \ a$ volume. The subscription price which includes print and electronic access (but excluding vat) of volume 24 is £363.00 (US \$608.00 in USA, Canada and Mexico) for institutions; £62.00 (US \$96.00 in USA, Canada and Mexico) for individuals and £45.00 (US \$75.00 in USA Canada and Mexico) for students, which includes print only, ordering direct from the publishers and certifying that the journal is for their personal use. Single parts are £104.00 net (US \$167.00 in USA, Canada and Mexico) plus postage. EU subscribers (outside the UK) who are not registered for vat should add vat at their country's rate. vat registered members should provide their vat registration number, Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd, P.O.  $Box\,55, Chitose, Tokyo\,156, Japan.\,Orders\,which$ must be accompanied by payment, may be sent to a book seller, subscription agent or direct  $to the \,publisher; Cambridge \,University \,Press,$ Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, UK; or in the USA, Canada and Mexico: Cambridge University Press, Journals Fulfillment Department, 1 Liberty Plaza, Floor 20, New York, NY 10006, USA. Copies of the journal for subscribers in the USA, Canada and Mexico are sent by air to New York to arrive with minimum delay.

## Copvina

The journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with C.C.C may therefore copy material (beyond the limits permitted by sections 107 and 108 of U.S. Copyright law) subject to payment to C.C.C. of the per-copy fee of \$16. This consent does not extend to multiple copying for promotional or commercial purposes. Code 1359-1355/2020/\$16.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

For all other use, permission should be sought from Cambridge or from the American Branch of Cambridge University Press.

 $Information on {\it arq:} Architectural Research Quarterly \\ and all other Cambridge journals can be accessed \\ via http://www.journals.cambridge.org/$ 

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

© Cambridge University Press 2020

Printed in Great Britain by Bell & Bain Ltd, Glasgow



## linking practice and research

**arq** aims to publish significant, original research and design offering new insights into architecture.

Contributions are welcomed from practitioners, academics and students. Submissions may cover either the totality of design, as in critiques or evaluations of buildings; or significant sub-areas such as history, theory, construction, structures, environmental design, materials, digital and practice.

## contents

leader	99	The value of civic life
design	100	<b>Design activism: catalysing communities of practice</b> Daniel Mallo, Armelle Tardiveau, and Rorie Parsons
history	117	Appropriate technology's prompt to 'architectural thinking', c. 1976 Simon Sadler
	129	There was once an empty site Catalina Mejía Moreno
digital	141	Knowledge by other means: machinic duration and an exactitude in data-driven urban drawing Miguel Paredes-Maldonado
ecologies	155	<b>Living with buildings, living with microbes: probiosis and architecture</b> Carolina Ramirez-Figueroa and Richard Beckett
construction	169	'opened out [] like an oyster shell': the Roach Bed Portland stone cladding of the Smithsons' Economist Building Freya Wigzell
practice	183	Spaces of rehearsal: theorising socio-spatial practices in a post conflict context Ruth Morrow, Peter Mutschler, and Timothy Waddell
review	204	<b>Gio Ponti: Loving Architecture at the MAXXI Museum</b> Luca Reale and Josep-Maria Garcia-Fuentes
insight	210	Formafantasma: 'Cambio', at the Serpentine Sackler Gallery Formafantasma interviewed by TA!LAB

arq is independent. It has no connection with any institution or organisation.







