

ISSUE 01

THE PUBLIC ACT.

MATTER / TERRITORY / COLLECTIVE LIFE

Three research fields, three public instruments
and one rule: design becomes public when
another person can inspect, use or challenge
how it was made.

STATUS / HOW TO READ

A finite edition with explicit evidence boundaries.

This field edition makes the current web issue printable, citable and discussable. It does not convert missing drawings or an unexecuted action into completed evidence.

PUBLISHED NOW

The web propositions, 25 Skin Machine archive plates, the cleared 78-page booklet, Field Kit, Food Space Planner and Take a Seat action pack.

POSITION STATUS

Three signed editorial positions are published in Issue 01. Food Park's author-approved position is published while original drawings remain absent; Resilient Metropoles publishes six source figures with full team credit.

PUBLIC ACTION STATUS

Take a Seat is field-ready but has not been executed by Field Assembly. No participant response or impact is claimed.

EDITION STATUS

This document is the 24-page Field Edition 01, first released on 1 August 2026 and revised on 06 September 2026.

EDITORIAL ARGUMENT

Public is not a location.

It is a condition of the work. Another person must be able to see how it was made, identify who contributed, use or contest its method and follow what happened after publication.

THE ISSUE IN ONE LINE

Matter is tested. Territory is reorganised. Collective life carries the work into a public act.

PUBLISHING RULE

A public trace has five moves.

01**QUESTION**

Name one condition precisely.

02**INVESTIGATE**

Make the method and evidence inspectable.

03**GIVE FORM**

Create something another person can encounter or use.

04**RECORD**

Keep response, refusal, failure and limits visible.

05**PUBLISH**

Date, credit and distribute the trace.

CONTENTS

Four acts. Five public forms.

ACT I	COLLECTIVE LIFE	Food Park Edible neighbourhood proposition	06-09
ACT II	TERRITORY	Resilient Metropolises Coastal urbanism proposition	10-13
ACT III	MATTER	Skin Machine Material Failure Atlas	14-18
ACT IV	COLLECTIVE LIFE	Take a Seat Field-ready public action	19-20
METHOD	OPEN TOOLS	Field Kit + Food Space Planner Reusable instruments	21
ASSEMBLY	POSITIONS	Anindita / Nishtha / Hemant Signed editorial positions	22

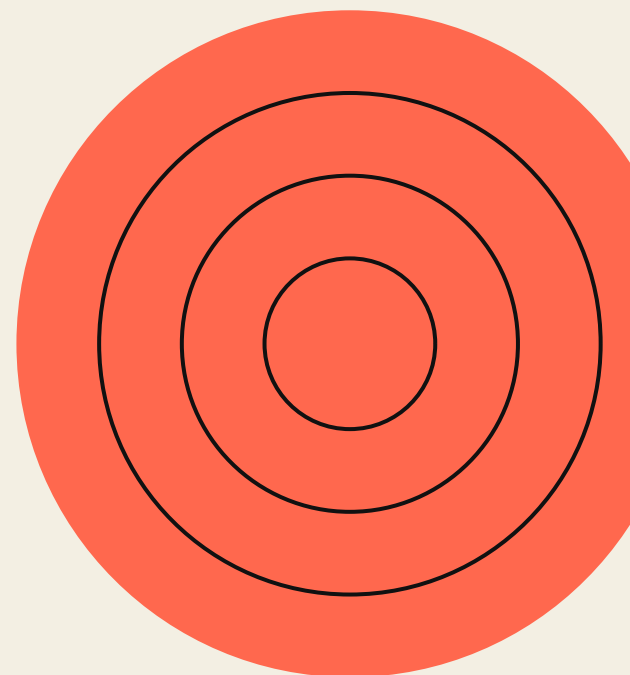
ACT I / COLLECTIVE LIFE

FOOD PARK / ANINDITA SHRIVASTAVA

What changes when food becomes public infrastructure?

A neighbourhood proposition connecting food, landscape, housing and public space. Anindita Shrivastava's author-approved position is published; original plans, sections and typologies remain absent.

Original plans and drawings remain absent.



Four routines become one neighbourhood armature.

GROW

Seasonal production, learning and stewardship.

01

SHARE

Exchange, market and collective access.

02

COOK

Preparation, eating and everyday encounter.

03

COMPOST

Waste, soil and material return.

04

Editorial diagram derived from the published web proposition. Not an original project drawing.

A prompt for programme discussion, not a feasibility engine.

BRING

PUBLIC NEED + SPACE TYPE + SCALE

Select needs such as growing, exchange, cooking, learning or composting.

WHAT IT DOES

RANKS SIX PREDEFINED MODULES

Need and space matches rank a bounded module list; working scale limits the shortlist.

LEAVE WITH

A SHORTLIST FOR LOCAL DISCUSSION

Use the result as a question for site testing, not as an area, planning or financial calculation.

LIMIT

Version 0.1 runs in the browser. It stores no account data and does not claim local feasibility.

What exists. What arrives later.

AVAILABLE NOW

01

Published spatial proposition

02

Food Space Planner v0.1

03

Named author and current limits

04

Author-approved position published

REQUIRED FOR FINAL

01

Original plans and sections

02

Typology and programme drawings

03

Full date, team and contribution record

04

Original plans and drawings remain absent

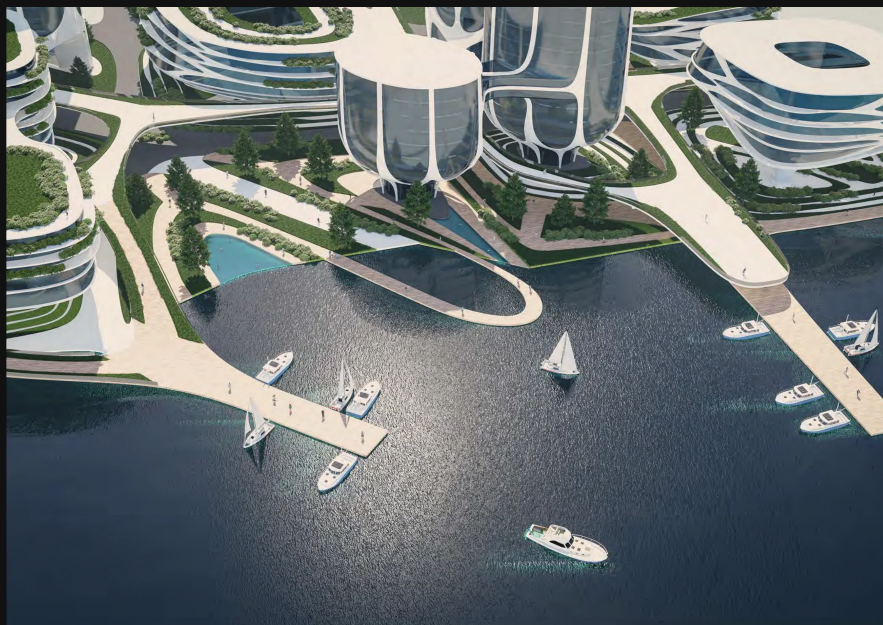
**Supported conclusion: growing, sharing, cooking and composting must operate as one civic spatial system.
Author-approved position published.**

ACT II / TERRITORY

RESILIENT METROPOLES / ASHWIN RAJENDRAN, NISHTHA GUPTA + SIDHARTH TAYAL

Can coastal urbanisation work with water rather than only defend against it?

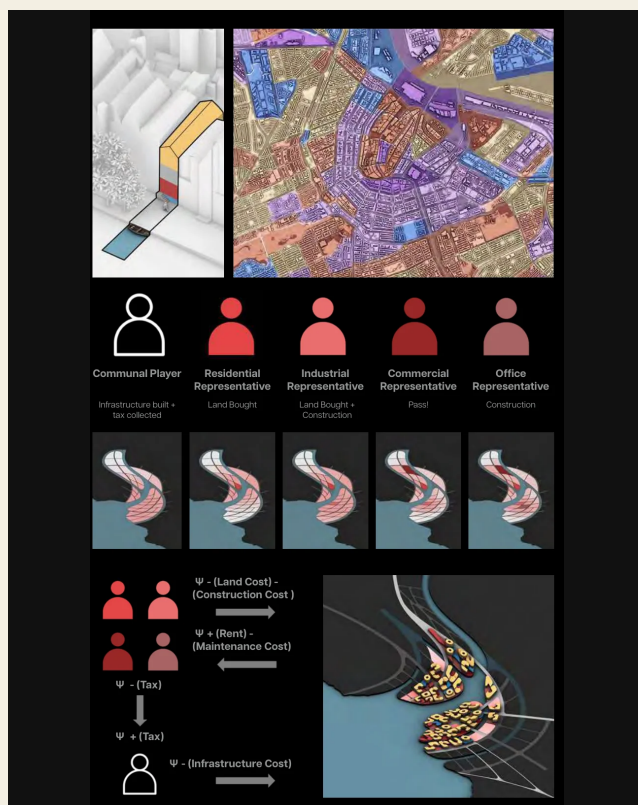
Six-part original visual sequence. Nishtha Gupta's editorial route reads a three-person AA Design Research Laboratory project through six source figures. The portfolio record is published here with the full team credit: Ashwin Rajendran, Nishtha Gupta and Sidharth Tayal. These are academic project visualisations, not evidence of a built scheme.



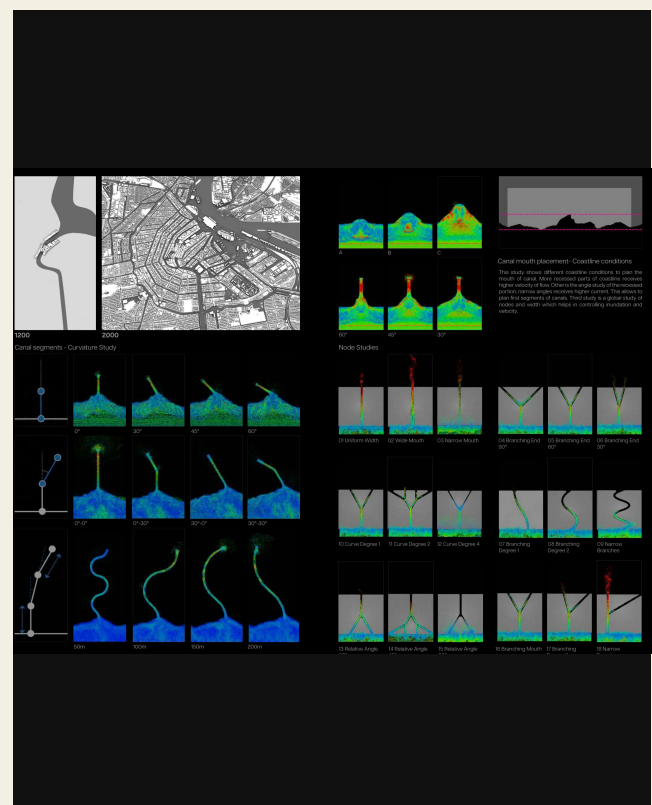
00 / WATERFRONT HERO / CONTRIBUTOR-SUPPLIED PORTFOLIO FIGURE

Players, rules and the canal edge.

01 / Players and economic rules. A communal actor funds infrastructure through tax while residential, industrial, commercial and office actors acquire land and build. **02 / Canal behaviour.** Coastline condition, node angle, mouth width and segment length are compared against flow and inundation.



01 / PLAYERS + ECONOMIC RULES / PORTFOLIO PAGE 3

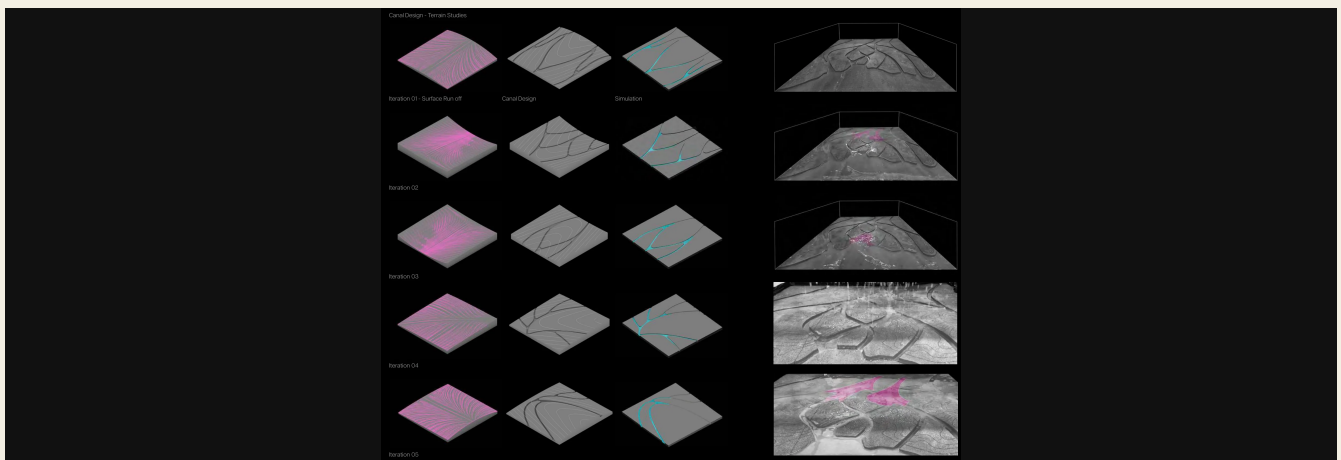


02 / CANAL BEHAVIOUR / PORTFOLIO PAGE 7

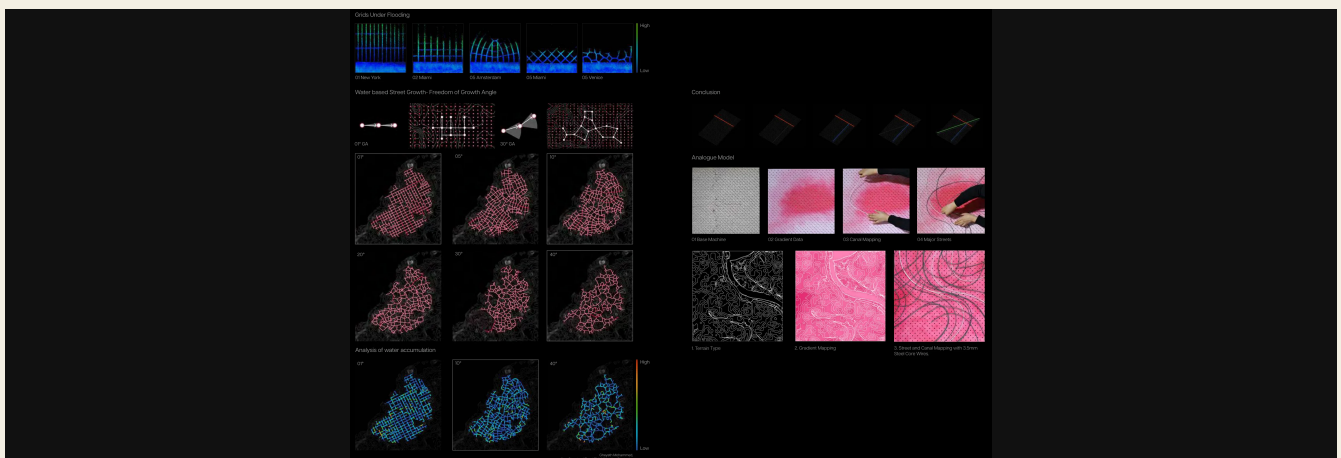
RESILIENT METROPOLES / ORIGINAL FIGURES 03-04

Terrain tests become emergent streets.

03 / Physical flood tests. Five terrain iterations move from surface run-off and canal design to simulation and tank observations. 04 / Emergent streets. Freedom of growth angle changes the street network from grid to branching forms. These figures show research tests, not measured predictions.



03 / PHYSICAL FLOOD TESTS / PORTFOLIO PAGE 8

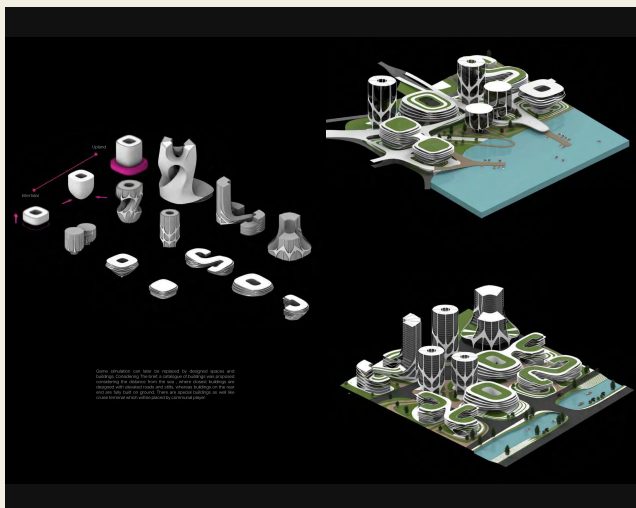


04 / EMERGENT STREETS / PORTFOLIO PAGE 9

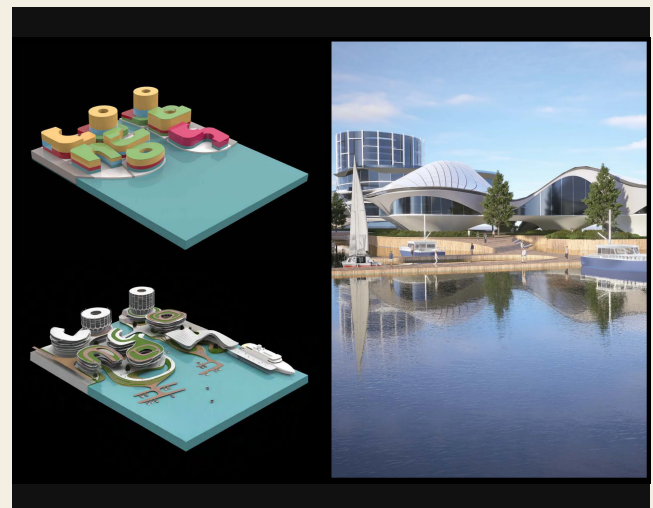
ACT II / TERRITORY / ORIGINAL FIGURES 05-06

What do six figures let the public inspect?

05 / Building catalogue. The project indexes types from intertidal to upland conditions. 06 / Spatial consequence. Economic and environmental rules become alternative metropolitan assemblies and a waterfront visualisation.



05 / BUILDING CATALOGUE / PORTFOLIO PAGE 5



06 / SPATIAL CONSEQUENCE / PORTFOLIO PAGE 6

CURRENT BOUNDARY

Six contributor-supplied project figures are published. This citable project record is not proof of construction or independent validation. Team: Ashwin Rajendran / Nishtha Gupta / Sidharth Tayal.



SKIN MACHINE

STUDIO SPYROPOULOS

ARYA GUPTA | HEMANT JINDAL | MUNA ABBAS | ZEINAB MUNEAM

SKIN MACHINE / ARYA GUPTA, HEMANT JINDAL, MUNA ABBAS + ZEINAB MUNEAM

Can an envelope be cultivated instead of manufactured?

Team: Arya Gupta / Hemant Jindal / Muna Abbas / Zeinab Muneam

Failure is recorded, not edited out.

Composite Testing

Glass fiber



The sample freshly harvested after 11 Days of growth.

Material properties

Shrinkage Test



Day 0
Freshly Harvested
Thickness 3mm, Length 15.2mm



Day 02
Treated with oil wax
Thickness 3mm, Length 14.5 mm



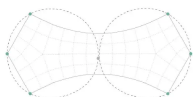
Day 14
Treated with oil wax
Thickness 1.4mm, Length 13.3 mm

GLASS FIBRE / BINDING

SHRINKAGE / DRYING

Flexible Frame

Two Flexible frames, one geometry



Structure Deformation - Top View



Structure Deformation - Side View

● Anchor points ● Hinges points



Air Dried
Shrinkage: 20%



Treated
Shrinkage: 20%

FRAME / DEFORMATION



Thickest grown Cellulose Sheet



ACRL 2018 International Biological Research Institute G.A. Experiments

143

SHEET / THICKNESS

Four changes direct the next test.

01

WRINKLE

Surface movement records uneven drying or restraint.

02

TEAR

Rupture reveals load paths, weak bindings and frame conflict.

03

CONTRACT

Shrinkage changes geometry and tension after growth.

04

CONTAMINATE

Biological variation marks a protocol or environmental limit.

SKIN MACHINE / TEST PROTOCOL

Change one condition. Record the material response.

Conditions testing

Light

Faster growth in the dark

7 days old sample



Grown in light

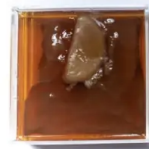


Grown in dark

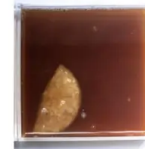
Acidity

Acid is essential for the growth of cellulose

7 days old sample



Acidic mixture



Neutral mixture

Sugar

Doubling the amount of sugar did not affect the growth of cellulose, but the growth of bacteria culture

12 days old sample



15 g sugar



30 g sugar

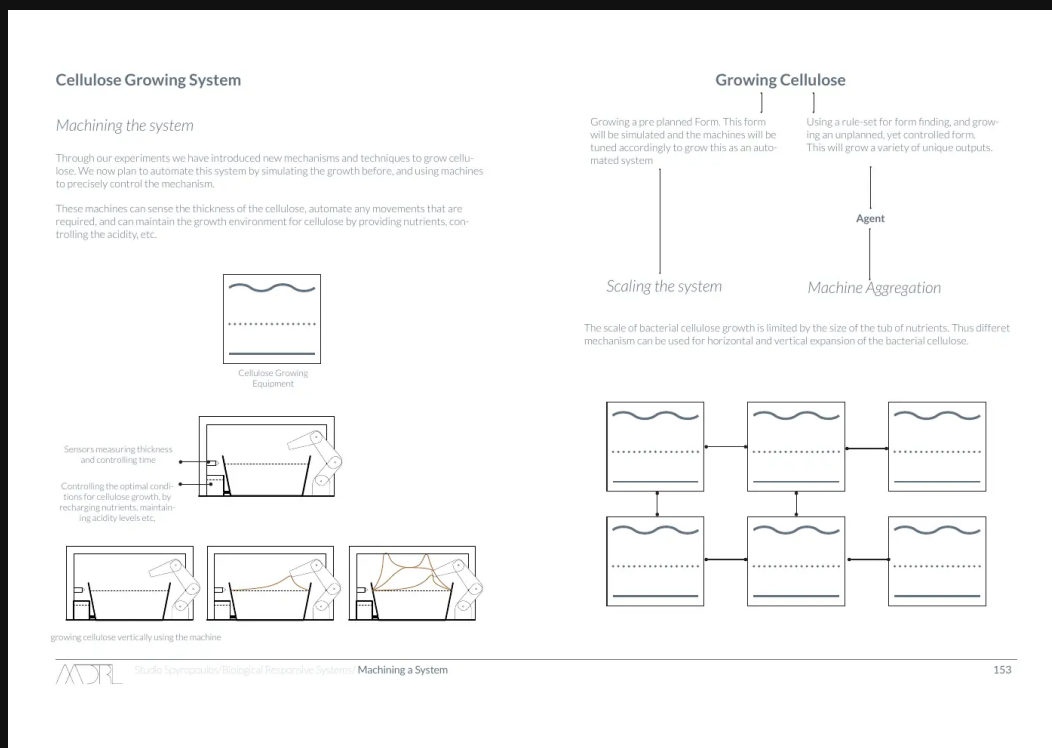
01 / NAME THE VARIABLE

02 / HOLD THE COMPARISON

03 / RECORD WET AND DRY STATES

04 / CLASSIFY THE FAILURE

05 / STATE THE NEXT TEST



WHAT CAN NOW BE SAID

Biological change becomes fabrication when it is observed, compared and deliberately used.

The archive demonstrates experimental behaviour and an architectural proposition. It does not certify a construction product.

ACT IV / PUBLIC ACTION

TAKE A SEAT / FIELD ASSEMBLY

How far can someone move if they need to rest?



One bounded route. One consistent observation method. Consent before identifiable publication.

FIELD-READY ACTION PACK / FIELD RECORD PENDING

Observe the gap. Invite a response. Publish the trace.

01**ROUTE BRIEF**

Choose one walkable route and define the observation window.

02**OBSERVATION LOG**

Record every formal seat, informal rest point and unusable gap.

03**HOST INVITATION**

Ask a local host or participant without manufacturing endorsement.

04**RESPONSE RECORD**

Publish response, refusal, failure and what remains unresolved.

Research should leave the page.

01

FIELD KIT

A question-to-record builder

LEAVE WITH

Printable field sheet

02

FOOD SPACE PLANNER

A bounded programme prompt

LEAVE WITH

Spatial shortlist

03

TAKE A SEAT

A route observation protocol

LEAVE WITH

Four printable records

A tool makes a method available. It does not prove a public outcome.

THREE POSITIONS / ISSUE 01

One assembly. Different positions.

01 / ANINDITA SHRIVASTAVA

FOOD IS PUBLIC INFRASTRUCTURE.

Food, care and exchange should become legible as neighbourhood systems.

02 / NISHTHA GUPTA

RESILIENCE IS A METROPOLITAN PRACTICE.

Water, ground, infrastructure and settlement must be examined together.

03 / HEMANT JINDAL

CULTIVATION IS FABRICATION.

Growth, shrinkage, binding and failure become design variables.

PUBLISHED SIGNED POSITIONS / READ THE FULL TEXTS ONLINE

EVIDENCE / RELEASE BOUNDARIES

Published is a condition, not a colour.

01 / SKIN MACHINE ATLAS	PUBLISHED	25 plates / 78-page booklet / cleared 05.09.2026
02 / FOOD PARK	POSITION PUBLISHED	Original plans and drawings remain absent
03 / RESILIENT METROPOLES	PUBLISHED	Six original visuals / full team credited
04 / TAKE A SEAT	FIELD-READY	Execution and field record pending
05 / SIGNED POSITIONS	PUBLISHED	Three distinct arguments
06 / THIS PDF	FIELD EDITION 01	24-page citable publication

No self-published page is presented as independent recognition. Team authorship and current limits remain visible.

THE PUBLIC ACT

Design becomes public when its questions, methods and evidence can travel.

EDITORIAL MASTHEAD

FOUNDING EDITOR

Hemant Jindal

LEAD EDITORS

Anindita Shrivastava**Nishtha Gupta**

EVIDENCE BOUNDARY

Published web edition. Food Park original drawings remain absent; Take a Seat remains an open, unexecuted protocol. Resilient Metropoles publishes six contributor-supplied figures with full team credit.

WEB EDITION

`field-assembly.vercel.app`