

Urban Resilience Planning Using Pattern Languages

A rapid, stakeholder-driven strategy service for cities and regions



Cities today face compound risks: climate shocks, housing shortages, infrastructure stress, economic fragility, and social fragmentation. Conventional planning approaches tend to address these challenges one at a time, often producing siloed plans that are difficult to implement.

Pattern languages offer a proven alternative. Developed by architect and systems theorist Christopher Alexander, and now widely used in fields ranging from software engineering to environmental planning, pattern languages help communities articulate shared values and translate them into coordinated, actionable strategies.

What We Deliver

In a two-day facilitated workshop, we work directly with city staff, elected officials, and community stakeholders to produce a customized **Urban Resilience Pattern Playbook**.

The playbook includes locally tailored patterns addressing climate resilience, economic development, affordable and diverse housing, mobility and access, and public realm quality, along with implementation guidance suitable for policy, zoning, and capital planning.

“The acclaimed ‘Pattern Language’ process engages people at an earlier and higher level, asking them to describe a location’s unique qualities and values – something you just don’t get with a traditional approach... Michael, I appreciate the excellent work you and your team are accomplishing. I have heard nothing but extremely positive comments from the public on your work.” (Previous client)



About the Facilitator

Michael Mehaffy, Ph.D., Founder of Structura Naturalis Inc., is an internationally noted urbanist and consultant specializing in resilient, walkable, mixed-use communities. A longtime colleague of Christopher Alexander, Dr. Mehaffy has developed pattern languages for cities and regions worldwide. He is the author of *A New Pattern Language for Growing Regions*, and he conducted his doctoral research at Delft University of Technology (Netherlands) in applying pattern languages to climate-responsive urban planning.

Engagement Format and Fee

Urban Resilience Pattern Sprint:

- Two-day facilitated workshop plus final playbook (print and editable online)
- Fee: \$10,000 (plus travel, if applicable)
- Expanded scopes, including code translation and AI-enabled visualization, are available.

Next Steps

To arrange a no-obligation conference call: info@michaelmehaffy.com

More information: www.tectics.com; https://en.wikipedia.org/wiki/Michael_Mehaffy

