

## **Political Ecology:**

### Deconstructing Sustainable Architecture

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The prevailing discourse on sustainable architecture remains largely constrained by techno-scientific determinism and reductive materialism that reduce sustainability to metrics of efficiency and carbon performance. This paper challenges such reductive paradigms by proposing a deconstructive approach to sustainability, one that acknowledges the instability, contradictions, and entanglements inherent in the built environment. Drawing on Derridean deconstruction this study argues that sustainability should not be understood as a fixed state but as an ongoing, temporal negotiation between architecture, ecology, and cultural contingencies.

This paper critiques the assumption that sustainability can be universally defined, advocating instead for a more situated, adaptive, and open-ended architectural practice. By repositioning sustainability as an emergent and relational condition, this paper proposes new methodological approaches to reframe architecture as an open system in dialogue with its ecological and social contexts. This theoretical investigation is accompanied by speculative design strategies that illustrate how sustainability might be reimagined beyond the current fixation on permanence, control, and optimisation.