

# The Tiny House Movement: A Green Building Solution

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## **ABSTRACT**

Resiliency, sustainability, and financial liberty attract individuals, couples, and even families to the new and growing Tiny House movement. Presenters and recent tiny house dwellers, Chris and Michelle, are sharing their journey of planning and building their 250 sq ft home. Let's further explore how smart design, space efficiency, and redundant energy systems of smaller homes (and even tiny ones) fit into the green building framework.

Technical Aspects: HVAC; renewable; and redundant energy systems, rainwater harvesting, structural design, IAQ, honest and salvaged materials, and space efficiency.

## **BIOGRAPHY**

Michelle, business owner of BPI accredited MBT Design, kicked-off her building science career as a home performance contractor in 2009. One year later, embracing a whole system's approach, she became a HERS Rater. She is currently seeking her MS in Sustainable Construction Management at SUNY-ESF while living in her recently built tiny home with her sweetheart, Chris.

Besides being a sweetheart, Chris' biggest project has been learning, designing, and constructing his and Michelle's tiny house: framing, roofing, exterior siding, electrical, plumbing, and custom interior cabinetry. His Permaculture design course and teaching background have guided him to live off of renewables and adamantly pursue a resilient homesteading lifestyle that he documents about on his website [oneidatrail.com](http://oneidatrail.com).