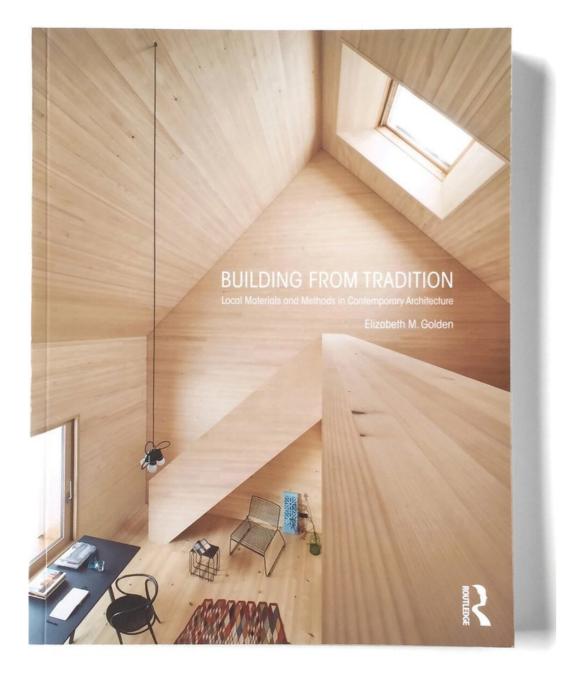
Traditional Building Methods: New Adaptations

Elizabeth Golden, AIA, Associate Professor Department of Architecture University of Washington, Seattle, WA USA

RESEARCH

Elizabeth M. Golden, AIA, Associate Professor Department of Architecture University of Washington, Seattle, USA



Teaching and research focuses on sustainable material systems and their potential to transform the built environment.

<u>Building from Tradition: Local Materials and</u> <u>Methods in Contemporary Architecture</u> is a critical analysis of traditional building practices and their contemporary resurgence in the context of globalization.

RESEARCH

Elizabeth M. Golden, AIA, Associate Professor Department of Architecture University of Washington, Seattle, USA



Niamey 2000, Niger united4design: Yasaman Esmaili, Elizabeth Golden, Mariam Kamara, Philip Straeter

Brick by Brick, Scottsdale, Arizona, USA University of Washington + Arizona State University

INTRODUCTION

Traditional Building Methods: New Adaptations Seminar



Reinforced Concrete Frame/Masonry Infill Dumaguete, Philippines



Wood Frame Construction Phoenix, Arizona

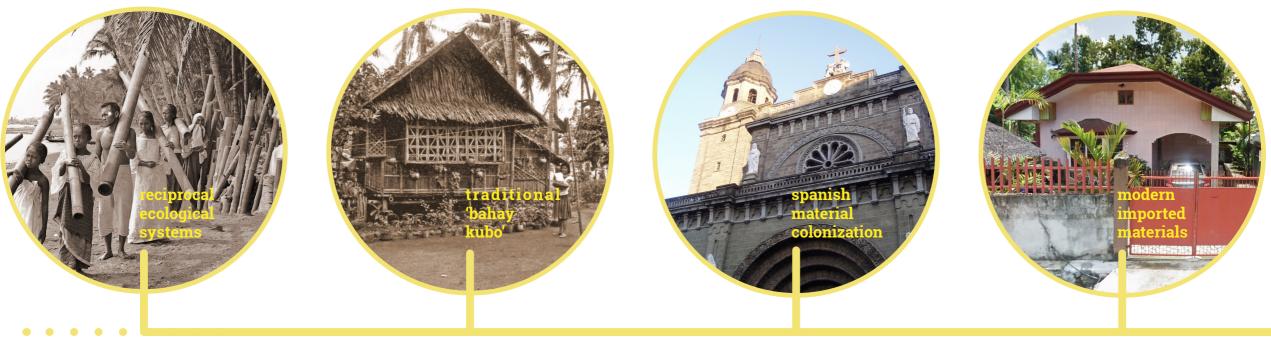
INTRODUCTION

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UN Sustainable Development Goals

Good Health and Wellbeing Decent Work and Economic Growth

- 9. Industry, Innovation, and Infrastructure
- 12. Responsible Production and Consumption



Evolution of Bamboo Construction in the Philippines



MATERIAL FUNDAMENTALS: Histories & Properties

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PHYSICAL PROCESSES: Learning by Doing

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CONTEMPORARY STRATEGIES: Sustainable Practices & Local Economies

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Contemporary Global Precedents

IMPACT

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Built Work: Mariam Kamara & Yasaman Esmaili



Philippines Bamboo Workshop



Figure 4. (left) Fully exposed to elements, untreated, and in contact with the ground. Lifespan: six months to four years. (middle) Lifted off the ground and treated with boron salt for termite protection. Lifespan: up to fifteen years. (right) Protected from sun and water and treated with boron salt for termite protection.





Ecuador, December 2017. △ Figure 7. Panelized Ic home, Esmeraldas, Ecuad

Student Research: David Witte