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Nota di contenuto	Mega Floating City "Green Float": Concept and Technology Innovations -- Pond Urbanism: Floating Urban Districts on Shallow Coastal Groundwater -- Floating Modular Housing to Address Demand and Affordability -- The Design, Construction and Evaluation of a Pilot Project of a Bahay Kubo Inspired Floating Home -- Floating Architecture and Conversion of Offshore Structures: a Chronicle of Knud E. Han-sen Designs -- Design of Havfarm 1 -- Parametric Model for Generation and Analysis of Modular, Freeform Floating Island Networks, Constructed Using Flexibly Formed Buoycrete® -- The Evolution of Aquatecture: SeaManta, a Floating Coral Reef -- BLUECITY Lab: a Climate Adaptation Amphibious Lab -- Design and Engineering of an Energy Maintenance Hub Superstructure -- Nuclear Reactor Barge for Sustainable Energy Production -- Aquaculture in Multiple Use of Space for Island Clean Autonomy -- Building Floating Aquaculture Farms with Expanded Polystyrene in Singapore.

Sommario/riassunto

This book highlights state-of-the-art research findings on floating developments in both inland and coastal waters with focus on living, recreation and working offshore. It includes six themes: (1) business case and real estate development, (2) spatial planning and architecture, (3) food and energy production, (4) ecological impact and nature-based solutions, (5) governance and social impact and (6) design and engineering of (infra)structures. The book presents key issues addressed when utilizing water space. It gives an overview of findings and discussions from the world’s leading experts from the industry, policymakers, entrepreneurs, researchers and identifies new opportunities as well as fosters collaboration on floating projects for a more climate-adaptive, socially inclusive, sustainable and better world.