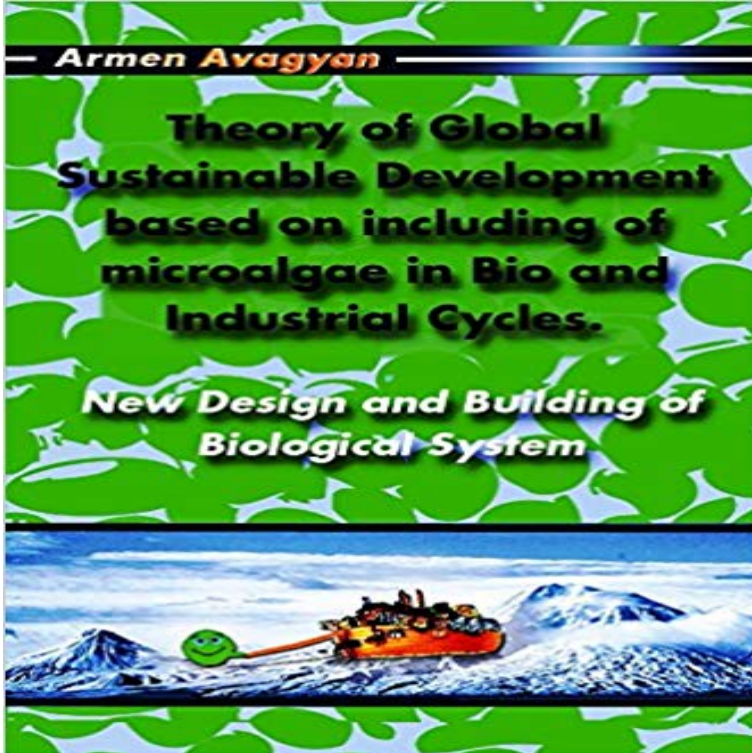


Theory of Global Sustainable Development based on including of microalgae in Bio and Industrial cycles. New Design and Building of Biological System. New Design and Building of Biological System



Trends in ecosystems, including the life support, are calling to us that things are out of stability. Therefore, theory focuses on key challenge areas including of climate change, reduction of waste and policy across global supply chains, contains examples of potential products addressing global market niches which appeal to investors, researchers, scientists, and policy makers: biofuel, biopharma, food, feed and perfumery additives areas and joined in collaborative manner through solution-driven discussion in analyses of bottlenecks and problems. The created vision organically runs through the use of the general natural creator of Life conditions microalgae with considerations to design and operate an environment by development microalgae production system and their biomass processing on an industrial level in a more sustainable manner. The descriptions made on the transition toward a bioeconomy by including microalgae in the Biological and Production Cycles. The theory proves and demonstrates that microalgae must be the key environmental management tool for the new design and building sustainable development of life and strategic heart of Global Life Conserve Industry addressed to approach of a new design and bulding of environment. A truly coherent GHG emission mitigation, waste management and other production policy is ways to bring these traces closer for cost effective manufacturing, well being economy and human health and improving of resource use efficiency. This ensures that the adverse effects of extreme events are minimized or mitigated and that business and industry have a great challenge and opportunity to play a decisive role. Through examination of current strategies being employed, established evidences and the merits of a knowledge-based approach theory provide what measures are required to decision makers who must make choices

in the face of risks in order to increase the likelihood of market uptake through expansion of resource efficiency across global supply chains, building products and technology roadmaps, contemporary manufacturing of value added products and can be used to limit the magnitude of future climate change, waste management, bio-energy and improving of human health.

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If properly designed, bio-based production processes, including new from DNA Technologies, Systems Biology, Metagenomics, and Synthetic Biology. **Armen Avagyan (Research and Industry Center of - ResearchGate** Journal of Sustainable Bioenergy Systems, 2013, 3, 287-297 Microalgae in Bio and Industrial Cycles, across global supply chains and new design and building sustainable development able Development based on including microalgae in Bio MSW consists of organic bio-waste (biological origin. **Theory of Global Sustainable Development Based on Microalgae in** supported the recent scientific findings on biological systems, based on the principle of system. Keywords: sustainable design, bio-inspired design approach, biomimetic . everything natural and the realm of the product everything built are system even in a new and different environment from which it evolved. **Faculty and Research Experts Sustainability Initiatives** Microalgae Global Sustainable Development Climate Change Waste Management Biofuel of Climate Change and Waste Management, Journal of Sustainable Bioenergy Systems, Vol. 3 No New Design and Building of Biological Sytem, 2013. . 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