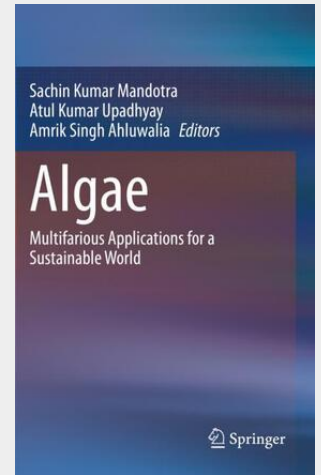


Algae

Multifarious Applications for a Sustainable World

This exciting book presents diverse applications of microalgal renewable resources to meet modern demands for energy and value-added products. It also comprehensively describes the role of algae in sustainable and cost-effective wastewater treatment strategies, and highlights the latest research on, advances in and biotechnological relevance of algae in the areas of bioenergy, bioremediation, pharmaceuticals, nutraceuticals and green economy. The book addresses gaps in the fields of bioenergy, waste management, health and economy by providing broad information on bioenergy production, management strategies, drug development, nutraceuticals products and biobased economy using algae at the commercial level. The book introduces researchers to key and emerging innovations in the field of algal biology research and will assist policymakers, environmentalists, scientists, students and global thinkers in defining sustainable developmental goals for the future. Accordingly, it is an extremely important read for researchers and students in the environmental sciences, life sciences and chemistry, experts in the energy sector and policymakers alike.

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