



Fundamentals of Renewable Energy Processes, Second Edition

By Aldo V. da Rosa

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We are hearing a LOT about renewable energy these days! But unlike most available resources on alternative energy that focus on politics and economic impacts, da Rosa's practical guide, *Fundamentals of Renewable Energy Processes*, is dedicated to explaining the scientific and technological principles and processes that enable energy production from safe, renewable, clean sources.

Advances in the renewable energy sphere are proceeding with an unprecedented speed, and in order for the world's alarming energy challenges to be solved, solid, up-to-date resources addressing the technical aspects of renewables are essential.

This new, updated 2e of da Rosa's successful book continues to give readers all the background they need to gain a thorough understanding of the most popular types of renewable energy?hydrogen, solar power, biomass, wind power, and hydropower?from the ground up. The latest advances in all these technologies are given particular attention, and are carefully contextualized to help professionals and students grasp the "whys and hows" behind these breakthroughs.

- Discusses how and why the most popular renewable energy sources work, including wind, solar, bio and hydrogen
- Provides a thorough technical grounding for all professionals and students investigating renewable energy
- The new 2e of a highly regarded guide written by an internationally renowned pioneer

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Editorial Review

About the Author

Dr. da Rosa taught the perennially popular Renewable Energy course at Stanford University for over 30 years. Former Chairman of the Brazilian National Research Council, Director of the Aeronautical Technical Center, and founder of Brazilian NASA, he also served as the CEO of a tech start-up, Chairman of the Board for a microprocessor manufacturer, and as a member of Siemens Corporation's scientific advisory board.

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