Acknowledgment

The world’s energy consumption has been growing and the search for new energy sources and processing technologies are emergencies. Many institutions and organizations in the world are engaged in developing new technologies to attend the needs of their own populations. International interactions and collaborations with colleagues leaded to present new sources (biomasses), process designing, developing, and modeling in order to understand the phenomena and harnessing of these raw materials for energy generation. Their experiences are shared in this book as a compendium between theory and practice (case studies) of successes and recommendation of new methodologies and technologies.

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