

Exploring Unexplored Horizons: Innovative Applications of Applied Fluid Mechanics in Sustainable Energy

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Abstract : This paper delves into the uncharted territories of innovative applications of applied fluid mechanics in sustainable energy. By exploring the intersection of fluid mechanics principles with renewable energy technologies, the study uncovers untapped potential and novel solutions. Through theoretical analyses, the research investigates how fluid dynamics can be strategically leveraged to enhance the efficiency and sustainability of renewable energy systems. The findings contribute to expanding the discourse on sustainable energy by presenting innovative perspectives and practical insights. This paper serves as a guide for future research endeavors and offers valuable insights for implementing advanced methodologies and technologies to address global energy challenges.

Keywords : fluid mechanics, sustainable energy, sustainable practices, renewable energy

Conference Title : ICFM 2024 : International Conference on Fluid Mechanics

Conference Location : Dublin, Ireland

Conference Dates : August 29-30, 2024