

BIOFUELS AND BIOENERGY

A research into the microbial hydrolysis and bioconversion of coal

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Background and Research Problem: Coal is an abundant and economical feedstock for the production of energy globally. In Australia, coal is mined primarily in Queensland, New South Wales and Victoria. The predominant use for coal is to generate electricity, with the 430.9 million tonnes of coal mined 2013/14; 375.1 million tonnes was exported to Asia (Australian Office of the Chief Economist, 2015). In 2013, Australia was the world's fourth-largest coal producer, after China, the United States, India, and

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