Abstract Template

Abstract Title: An Investigation of Environmental Management Practices on Financial Performance of Rubber Industry in Sri Lanka

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Abstract

At Present, the value of a business is judged through multiple dimensions paying attention to economic, social and environmental aspects. All industrial organizations now realize that environmental issues as top most critical to resolve conflicts. The influence of environmental management practices on financial performance has become a critical issue often leading to contradicting results. This study investigates the relationship between environmental management practices (EMPs) on financial performance (FP) using the dataset from 30 rubber manufacturing organizations during the period of 2012-2016. The study is conducted apropos the three different EMPs of energy reduction (amount of furnace oil litters use per day), waste (amount of waste water generate cubic meters per day-m3/day), and recycle (amount of recycle waste water as a percentage from total pure water consumption) in capturing the effect of EMPs on FP. In addition to elucidating how financial performance dealing with EMPs, the study uses return on assets (ROA) as a determinant of financial performance. It is more difficult to identify the general relationship between EMPs and FP of firms due to its heterogeneity during growth of firms. The estimation results suggest that the furnace oil consumption and recycle of waste water have significant positive driving forces on FP. However waste water treatment has no significant impact on FP. Therefore, it is critical to investigate the relationship between FP and EMPs yet to be resolved to build up scope for companies to implement better environmental practices in organizations.

Keywords— *Environmental management practices, Firm performance, Sri Lankan rubber industry, Panel data, Furnace oil reduction, recycle of raw material, waste treatment*

Professional Biography (100-150 words)

Over the past few years, I have employed in Latex Green Private Limited, in the capacity of Manager Research and Development/Quality Assurance. Amongst many projects that I initiated during my eleven year service, I wish to place emphasis on following that added much value to the company; Initiated the establishment of international standard, Global Organic Latex Standard – GOLS, as the WORLDS FIRST COMPANY to be certified under GOLS), Introduced the WORLDS FIRST Organic Latex Mattress and the WORLDS FIRST carbon neutral mattress to the international market. During my academic career I continued my own education, receiving a Master of Science in Management - University of Sri

Jayewardenepura and a PHD candidate in same university under the faculty of Management studies. I continued to write about my professional experiences linked into my academic background and published several articles in the English pear reviewed Journals.



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Any Comments: participated previous conferences

1. 2013 INTERNATIONAL CONFERENCE ON MEDICAL, ENVIRONMENTAL A BIO-TECHNOLOGY (ICMEB 2013)- MALAYSIA.
2. 2014 5TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND DEVELOPMENT-ICESD 2014- SINGAPORE.
3. 2014 4TH INTERNATIONAL CONFERENCE ON FUTURE ENVIRONMENT AND ENERGY-ICFEE 2014-AUSTRALIA.
4. 2015-12TH INTERNATIONAL CONFERENCE ON BUSINESS MANAGEMENT-FUTURE SUSTAINABILITY, GOVERNANCE, AND ETHICS-1ST PAPER- SRI LANKA.
5. 2015-12TH INTERNATIONAL CONFERENCE ON BUSINESS MANAGEMENT-FUTURE SUSTAINABILITY, GOVERNANCE, AND ETHICS-2ND PAPER- SRI LANKA.
6. 2016- INTERNATIONAL CONFERENCE ON DISCIPLINES IN HUMANITIES AND SOCIAL SCIENCES- BANGKOK, THAILAND.
7. 2017- AT THE "ANNUAL CONGRESS ON ENVIRONMENTAL POLLUTION AND SUSTAINABLE ENERGY"- MELBOURNE, AUSTRALIA