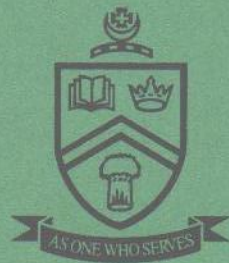


**Adaptation Strategy of Petroleum
Industries in Canada's Prairie under
Changing Climatic and Economic
Conditions**

Faculty of Engineering



UNIVERSITY OF REGINA

REGINA, SASKATCHEWAN CANADA S4S 0A2

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Adaptation Strategy of Petroleum Industries in Canada's Prairie under Changing Climatic and Economic Conditions

(Final Report)

G. H. Huang, Z. Chen, L. Liu, and I. Maqsood
Energy & Environment Program, University of Regina
Regina, Sask S4S 0A2

Y.F. Huang, Z. Y. Hu, and A. Chakma
Environmental Systems Engineering Program, University of Regina
Regina, Sask S4S 0A2

P. Tontiwachwuthikul
Energy Research Unit, University of Regina
Regina, Sask S4S 0A2

Y. Y. Yin
Sustainable Development Research Institute, University of British Columbia
Vancouver, BC V6T 1Z2

EXECUTIVE SUMMARY

Climate change will lead to a number of direct and indirect impacts on petroleum industries in Canada's prairie. Therefore, a challenging question faced by the industry is how they should adapt to the changing climatic conditions in order to maintain or improve their economic and environmental efficiencies. In this study, initial efforts have been made to assess the interrelationships between climate change and petroleum activities in Canada's prairies. Many petroleum-related processes that are vulnerable to climate change are analyzed, the the associated impacts assessed. Perceptions of stakeholders to the climate-change impacts and the related governmental policies were investigated through a number of interactions with the related industrial and governmental personnel. The adaptation strategies within petroleum sector and the related policy adjustments within governmental organizations at different temporal stages and spatial locations were studies, with a number of recommendations provided.

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