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Award-winning paper in 2022.

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Announcement

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Award-winning paper in 2022

Papers published in *Journal of Environmental Engineering and Science* are eligible for awards from the Institution of Civil Engineers. Papers from any of the ICE Publishing journals can be nominated for several awards. In addition, each journal has awards dedicated to their specific subject area.

On Friday 13 October 2023, ICE president Keith Howells presented an award to the following paper published in *Journal of Environmental Engineering and Science* in 2022. The editorial panel nominated their best papers and an awards committee chaired by Tim Broyd allocated the awards.

Environmental Engineering and Science Prize

The Environmental Engineering and Science Prize was awarded to Khakzad *et al.* (2022).

Abstract

The present study aims to investigate the impacts of oil sands development in Canada on the economy, society and the environment as

the three pillars of sustainability. Factors such as aquatic ecosystems, land disturbance and reclamation, air quality, public health, safety, aboriginal and local communities, gross domestic product, employment rate and job creation, government revenues and demographic changes have been considered. Based on a review of the available literature, this study shows that the oil sands industry has so far fallen short in keeping a balance among the three pillars of sustainability, with the negative impacts on society (e.g. changing the lifestyle of Aboriginal people) and the environment (e.g. land disturbance) outweighing the relatively positive economic impacts. This, along with the current pace of remedies (e.g. land reclamation), makes it hard to conclude that the oil sands industry is sustainable.

REFERENCE

Khakzad N, Dadashzadeh M, Abbassi R and Yang M (2022) Canada's oil sands industry from a sustainability perspective. *Journal of Environmental Engineering and Science* **17(1)**: 1–9, <https://doi.org/10.1680/jenes.21.00023>.