

# Conflict with communities a big cost to business, researchers find

May 13 2014, by Andrew Dunne

---



Credit: George Hodan/public domain

(Phys.org) —Researchers at The University of Queensland (UQ), the Harvard Kennedy School, and Clark University have uncovered that conflict with communities is costing mining companies billions of dollars.

The researchers interviewed mining, oil and gas industry professionals

and examined case studies of mining projects worldwide to calculate the costs of company-community conflict and to understand how companies interpret these costs.

The study, "Conflict translates environmental and social risk into business costs," is published in the *Proceedings of the National Academy of Sciences*.

UQ Centre for Social Responsibility in Mining Deputy Director Dr Daniel Franks, said conflict in the mining, oil and gas industries had become a major contributor to the cost of projects with a series of flagship projects abandoned or delayed in the face of community opposition.

"There is a popular misconception that [local communities](#) are powerless in the face of large corporations and governments," Dr Franks said.

"Our findings show that community mobilisation can be very effective at raising the costs to companies."

The research found that delays caused by conflict with communities could cost about US\$20 million a week for mining projects valued between US\$3 billion and US\$5 billion.

Analysis by one company of its exposure to non-technical risks revealed US\$6 billion in costs over two years, representing a double-digit percentage of the company's annual operating profits.

"The cost-cutting currently under way in these industries seems to be missing the potential opportunities for cost savings that can come from investing in improved relationships with communities," Dr Franks said.

Harvard Kennedy School researcher Rachel Davis said it was difficult

for companies to repair damaged relationships with local communities.

"Companies are realising that [conflict](#) is predictable, and so are the systems needed to prevent it," Ms Davis said.

"That's why we see leading companies implementing the UN Guiding Principles on Business and Human Rights to manage their risks more effectively.

"Increasingly, financial actors are also beginning to factor in the prospect of delays in valuations of projects."

A Credit Suisse valuation of environmental, social and governance risks across the Australian Stock Market in 2012 identified A\$21.4 billion in negative share price valuation impact, with mining and hydrocarbon the sectors at greatest risk (A\$8.4 billion and an average of 2.2 percent impact on the target share price).

Mining projects abandoned in the face of community opposition:

- 2013 Lanjigarh bauxite project, Orissa, India - Dongria Kondh Indigenous people win campaign to stop proposed [mining](#) project putting at jeopardy billions of dollars of investment in existing refineries.
- 2013 Pascua Lama copper project, Chile - A decade of protests over water and glaciers has beset the \$8.5 billion project and contributed to the decision by the company to shelve the project during construction.
- 2011 Minas Conga copper and gold project, Peru - Construction suspended following region-wide protests over water security, risking US\$2 billion of capital expenditure.
- 2010 Bickham Coal Project, Hunter Valley, New South Wales - Residents and the thoroughbred industry unite to stop the coal-

mine proposal over dust and groundwater concerns.

- 2006 Esquel gold [project](#), Argentina - Facing public opposition to the use of cyanide the owners were forced to write down US\$379 million in assets and forgo US\$1.33 billion in reserves.

**More information:** Daniel M. Franks, Rachel Davis, Anthony J. Bebbington, Saleem H. Ali, Deanna Kemp, and Martin Scurrah.  
"Conflict translates environmental and social risk into business costs."  
*PNAS* 2014 ; published ahead of print May 12, 2014, [DOI: 10.1073/pnas.1405135111](#)

Provided by University of Queensland

Citation: Conflict with communities a big cost to business, researchers find (2014, May 13)  
retrieved 25 April 2024 from <https://phys.org/news/2014-05-conflict-big-business.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.