



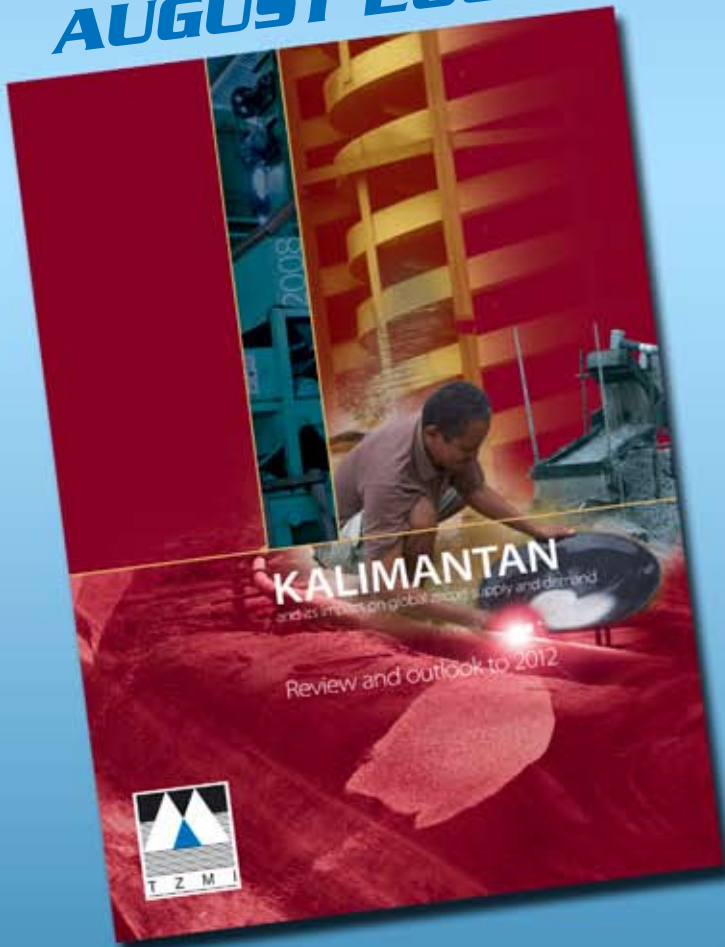
KALIMANTAN

and its impact on global zircon supply and demand
REVIEW AND OUTLOOK TO 2012

SPECIAL REPORT

An in-depth study on the Kalimantan zircon fields and how they will influence the global supply-demand balance in the years to come.

**PUBLISHED
AUGUST 2008**



Inside this illustrated special report:

- A review of global zircon supply-demand fundamentals to 2012
- Updated forecasts of zircon market supply-demand to 2012
- Updated short-medium term zircon price forecasts
- An indicative trigger zircon price that would stimulate Kalimantan production
- A review of the likely global supply profile and its impact on market pricing

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The emergence of Kalimantan as an important source of zircon was one of the major supply side surprises of 2006. Its more recent decline has been no less influential on the global supply/demand balance. This study looks at the current state of zircon production in Kalimantan, its context and drivers, and presents a forecast for production to 2012. The study goes on to re-examine TZMI's outlook for global supply and demand for zircon, and presents a revised forecast for prices.



Key features

Detailed analysis and commentary covering:

- The history, and current state, of alluvial gold mining in Central Kalimantan and how it has influenced the economics of zircon production.
- Major zircon concentrate production areas: their development, current output, the major companies working the fields and their future outlook. This includes an analysis of the forces which drove the zircon "boom", and the influences which have caused the recent production decline.
- A description of each of the MSP plants in the zircon areas: their ownership, production capacity, technology and flowsheets used and typical zircon product grades.
 - A forecast for zircon production from Kalimantan and the drivers of it. This is accompanied by a discussion of the uncertainties surrounding this forecast and the range of potential outcomes.
 - A revised forecast for global zircon production to 2012, taking into account the Kalimantan forecast and an updated assessment of production from other projects.
 - A revised forecast for global zircon demand, and, using this new supply/demand balance, a new forecast for zircon prices through to 2012.



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“ The future for zircon production from Kalimantan will be governed by provincial government policies, prevailing prices and the as-yet unknown mineral potential in the uncleared and less accessible parts of the province. ”





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About the publisher

TZ MINERALS INTERNATIONAL (TZMI) is an independent consulting and publishing company, established in 1994, with offices in Australia, Europe, South Africa and China. TZMI's principals and consulting personnel have several decades of cumulative experience from their involvement in the global mineral sands and TiO₂ pigment industries.

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