

**Project Title:**

Estimating the health impacts among communities living close to coal-fired power stations in South Africa.

**Project Description:**

The process of coal combustion for electricity generation releases pollutants into the air which has negative environmental and health impacts. Residents living in proximity to coal-fired power stations (CFPS) are at high risk of poor health outcomes and premature deaths attributable to emissions from these coal-fired power stations.

Funded by the Foreign, Commonwealth and Development Office (FCDO), this study aims to review and summarise available research on the health effects of CFPS globally and more specifically, South Africa. The objectives of the study are to show the risks associated with living in districts with a coal-fired power station by analysing mortality and morbidity (TB and pneumonia prevalence) in districts with CFPS and comparing it to those with similar geography and climate but without CFPS. The results will be disseminated at a workshop to be held in Gauteng with both in-person and virtual attendance.

**Key Investigators:**

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