

From: [Danya Luo](#)
To: [State Development, Natural Resources and Agricultural Industry Development Committee](#)
Subject: Submission on the Mineral Resources (Galilee Basin) Amendment Bill 2018
Date: Friday, 11 January 2019 4:40:51 PM

Hello, I am resubmitting my submission to comply with the guidelines:
Dear Chair and Committee Members,

I am writing this submission in support of the Mineral Resources (Galilee Basin) Amendment Bill 2018.

We are facing a climate crisis

The world's top scientists say that we only have a few short years left to rapidly reverse the release of greenhouse gases that is causing climate change - otherwise the warming of our planet, and disastrous cascading effects (such as melting of ice caps, the oceans becoming acidic due to extra dissolved CO₂, accelerated mass species extinction), will be irreversible and locked in for millions of years. See the latest UN Intergovernmental Panel on Climate Change report.

There are NO trade-offs that make it worth burning coal

Nothing is worth destroying the biosphere (= the part of our planet that is habitable by plants and animals) which we rely on to survive. There is no trade-off here. Everyone will suffer, and millions of people will suffer very badly (the most vulnerable - the poor, elderly and young children), from the consequences of a runaway warming planet.

An aside about what a 1.5 or 2 degree increase means

Note a 1.5 or 2 degree increase in average temperatures does not tell the whole story. An average increase of 1.5 or 2 degrees could mean 5-10 degrees above average on some days, and then below or at average other days (it is an increase in both the mean, and in the extremes - imagine a normal distribution or 'bell curve' being shifted to the right, but also having fatter tails = extremes more likely). This year, the Arctic has experienced temperatures more than 10 degrees above average at times.

The Amendment Bill is the right kind of legislation to pass

Please, to give humanity a hope of arresting the problem, we must rapidly phase out coal. And, to make things equitable, we must ask fossil fuel companies to pay to rehabilitate the planet, because they have profited enormously from destroying it. (It also may be the only way we can succeed within our current system).

Thank you for your consideration of my submission.

Danya Luo

