

## **Submission from Andrea Casey**

I have a BSc (many years ago) and in 1990/91 I completed a Dip Ed. One of our assignments was to develop a unit (lasting a term) on a subject of our choice. I chose climate change (back then!) and not much has changed since, just become more urgent.

Last December I was in London visiting friends and three of them were driving hybrid cars because there was no congestion charge for these in London city. This technology needs to be improved and made less expensive/

There are many so-called green solutions being suggested that are exacerbating the climate change problem. Clean coal is an oxymoron; those who are trying to persuade us, the public, that there is such a thing underestimate our intelligence. The idea of sequestering coal underground under pressure is a potential time bomb; eventually it could escape and cause asphyxiation to those around. Desalination of water will produce more emissions and use much electricity - it is a very high-energy technology. Those who advocate using uranium for energy consistently ignore the problem of disposing of the radioactive waste (my husband did his PhD on the disposal of toxic radioactive waste left over from the second world war in England). Australia has an abundance of sun (so far) and wind that these technologies must be further developed so that they can become mainstream.

Public transport is a way to lower carbon emissions that is blindingly obvious but governments don't seem to want to consider it. There is an increasing percentage of the population who would use this mode of transport more often if there was enough of it and if it were sufficiently reliable.

Andrea Casey