

The winning entry in ETC Group's 2009  
**Pie-in-the-sky**  
Geo-engineering competition:  
**COOL<sup>®</sup>ORBIT**



Oakville, Ontario's Vicky Schutte recommends **re-engineering earth's orbit** to nudge us slightly further from the sun, keeping us cooler longer.

Experts are pretty sure that expanding our orbit by just 7,200 km will decrease the intensity of the sun's rays to **lower global temperatures by at least 3°C**. This would counter the temperature increases from human-made **climate change**. They also promise us 17 extra minutes in bed each morning!

Goodbye Venus  
Hello Mars!

**Earth's natural Orbit (hot)**

**New COOL<sup>®</sup>ORBIT**

We estimate that if just **240 space shuttles** tugged on high-strength **cables** (grounded in northern Asia), we could **re-align the planet's orbit** in about 28 months, probably. **Easy as Pie!**

Alternatively, **15 thermo-nuclear blasts** set off at noon in the Pacific Ocean might do it too, possibly.



**etc** group

action group on erosion, technology and concentration

**Design: Shtig Laboratory, Oxford**  
**More info: [www.etcgroup.org](http://www.etcgroup.org)**