

Human Impact...

What is a major problem with pollution (e.g., from driving)?

- Destroys the ozone layer
- Puts too much ozone into the atmosphere
- Destroys CO₂, heating up the Earth
- All of these
- None of these

Megaplanet atmospheres

A recently discovered planet orbits the star 51 Pegasi at a distance of only 0.05 AU. The planet is about the mass of Jupiter. If this is a terrestrial-type ('rocky') planet, what could we expect about its atmosphere?

- Thin, since it's close to the star and will boil away
- Thick, since it's surrounding a heavy planet
- Neither of these
- Any of these

Terraforming Mars!

Mars' atmosphere was somehow lost about 3 billion years ago. If we had all the ability in the world and didn't mind changing the planet,

what method might we use to make Mars warm and habitable again?

- Bring water from Earth to Mars, making a greenhouse effect.
- Paint Mars white, so it will absorb sunlight and heat up.
- Change its orbit, so it is further from the Sun.
- None of these