

# Ocean fertilisation (ocean seeding, iron fertilisation)

## What is the technique?

The addition of large quantities of iron or other nutrients to areas to the upper ocean.

## How does it work?

## What do you think the positives are for this technique?

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# Artificial Trees (carbon scrubbers)

**What is the technique?**

Machines that can capture CO<sup>2</sup> from the air.

**How do you think it works?**

**What do you think the positives are for this technique?**

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# Carbon Capture Storage (CCS)

## What is the technique?

The trapping of CO<sup>2</sup> as it's emitted from point sources, such as power plants, transporting it to suitable storage sites and storing it underground.

## How does it work?

## What do you think the positives are for this technique?

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# Sulphur Screens (Stratospheric aerosols)

**What is the technique?**

The addition of sulphur particles to the upper atmosphere to reduce incoming solar radiation

**How does it work?**

**What do you think the positives are for this technique?**

**What do you think the positives are for this technique?**

# Increasing reflectivity

## What is the technique?

Using reflective materials on rooftops and pavements or painting them white or paler colours.

## How does it work?

## What do you think the positives are for this technique?

## What do you think the positives are for this technique?

# Increasing cloud reflectivity

**What is the technique?**

Adding sea water into the atmosphere to increase cloud reflectivity.

**How does it work?**

**What do you think the positives are for this technique?**

**What do you think the positives are for this technique?**

# Space Mirrors

**What is the technique?**

Putting a sunshade over parts of the earth

**How does it work?**

**What do you think the positives are for this technique?**

**What do you think the positives are for this technique?**