

TECHNOLOGICAL APPROACHES RESOURCES



RESOURCES

Start with the textbook

Approaches:

<https://io9.gizmodo.com/5959069/10-ways-to-stop-climate-change-using-science-and-engineering> - various

<http://www.bbc.com/future/story/20160425-how-a-giant-space-umbrella-could-stop-global-warming> - space mirrors

<http://www.biochar-international.org/biochar> - biochar

<https://australianmuseum.net.au/blogpost/lifelong-learning/geosequestration-sweeping-co2-under-the-rug> - geosequestration

<https://www.theguardian.com/environment/2016/jan/12/artificial-trees-fight-climate-change> - artificial trees

<https://thinkprogress.org/planting-trees-climate-change-solution-3e5b6979561f/> - reforestation

<https://www.theguardian.com/technology/2009/nov/04/forests-desert-answer-climate-change> - desert greening

<https://www.inverse.com/article/26296-bunzl-genetically-modified-plants-geoengineering-climate-change> - GM crops and trees

<https://www.cnet.com/news/algae-coated-buildings-touted-as-climate-fix/> - algae coated buildings

<https://www.livescience.com/21684-geoengineering-iron-fertilization-climate.html> - ocean fertilisation

<https://bravenewclimate.com/2011/10/08/low-intensity-geoengineering-microbubbles-and-microspheres/> - microbubbles in sea water

<https://www.sbs.com.au/news/could-brightening-clouds-reduce-symptoms-of-climate-change> - cloud brightening

<https://news.harvard.edu/gazette/story/2016/12/mitigating-the-risk-of-geoengineering/> - stratospheric aerosols

<http://www.climatecentral.org/blogs/white-roofs-may-increase-global-warming> - albedo

<https://www.nbcnews.com/mach/science/walls-won-t-save-our-cities-rising-sea-s-here-s-ncna786811> - sea walls

<http://www.globalcoral.org/maldives-shorelines-growing-a-beach/> - sea walls

<https://www.seattletimes.com/nation-world/here-comes-an-answer-to-rising-sea-as-a-city-of-floating-islands-in-the-south-pacific/> - floating islands

Costs and benefits:

- <http://www.scholarsstrategynetwork.org/brief/can-solar-geoengineering-be-part-effective-global-strategy-fight-climate-change>
- <http://www.geoengineeringmonitor.org/2017/12/3087/>
- <https://www.theguardian.com/environment/2017/oct/14/geoengineering-is-not-a-quick-fix-for-climate-change-experts-warn-trump>
- <https://www.theguardian.com/sustainable-business/2015/may/15/geoengineering-climate-change-greenhouse-gases>