

Climate Change and Our Role	<p>HABs: https://phys.org/news/2022-06-symbiotic-relationships-trigger-algal-blooms.html</p> <p>Carbon Sequestration: https://time.com/6205570/inflation-reduction-act-carbon-capture/ https://www.sciencedaily.com/releases/2022/08/220805091216.htm</p> <p>Energy Efficient Technologies: https://news.mit.edu/2016/seminar-climate-change-electrical-engineers-0318</p>
Power Grid and Renewable Energy	<p>Energy report card infrastructure: https://infrastructurereportcard.org/wp-content/uploads/2020/12/Energy-2021.pdf</p> <p>https://www.nyserda.ny.gov/About/Newsroom/2022-Announcements/2022-08-17-NYSERDA-Announces-up-to-30-Million-for-Future-Grid-Challenge</p>
Quantum Computing	<p>International competition: https://spectrum.ieee.org/alibaba-baidu-quantum-computer-race https://www.businessofbusiness.com/articles/whos-winning-the-quantum-computing-race-china-and-the-us-are-neck-and-neck/</p>
The Great Beyond: James Webb Telescope	<p>How did they do that?: https://www.space.com/james-webb-space-telescope-engineering-challenges</p>
AI and Machine Learning	<p>Jeopardy wasn't enough of a challenge for healthcare... https://slate.com/technology/2022/01/ibm-watson-health-failure-artificial-intelligence.html</p> <p>ETHICS (I have questions. Lots of them!): https://futurism.com/institute-electrical-electronics-engineers-issues-guide-ai-ethics https://www.forbes.com/sites/cognitiveworld/2022/08/28/the-worst-ai-advice-youll-ever-hear/?sh=7711731a2dee</p>
Social Networks	<p>Do you see the potential of the metaverse?: https://www.brookings.edu/techstream/a-proactive-approach-toward-addressing-the-challenges-of-the-metaverse/</p>
Facial Recognition Software	<p>Challenges https://www.techrepublic.com/article/facial-recognition-risks/</p> <p>https://ietresearch.onlinelibrary.wiley.com/doi/pdf/10.1049/iet-cvi.2014.0084</p>
Future of human transport:	<p>Up and Over: https://www.cbsnews.com/news/evtol-flying-vehicles-air-taxi-60-minutes-2022-04-17/</p> <p>Still driving? https://ieeexplore.ieee.org/document/8457076</p> <p>Underneath: https://spectrum.ieee.org/hyperloop-is-hyper-old</p>

	Redesign cities, Just walk: https://www.vox.com/energy-and-environment/2019/4/8/18273893/barcelona-spain-urban-planning-cars Whoa really? https://www.designboom.com/architecture/neom-line-saudi-arabia-vertical-city-interview-tarek-qaddumi-08-11-2022/
Other?	What news do you think is ECSE worthy?