

**ECL-USA Summit 11
The Imperative of Climate Change and the Future of Engineering**

Recommended Pre-Session Readings / Resources

Global Perspective

- “Climate Risk and Response,” McKinsey Global Institute, January 2020, <https://www.mckinsey.com/business-functions/sustainability/our-insights/climate-risk-and-response-physical-hazards-and-socioeconomic-impacts>

California Perspective

- “Optionality, Flexibility & Innovation, Pathways for Deep Decarbonization in California,” Energy Futures Initiative, May 2019, [EFI-CA Decarbonization Summary Report - May 2019](https://www.energyfuturesinitiative.org/wp-content/uploads/2019/05/EFI-CA-Decarbonization-Summary-Report-May-2019.pdf)
- “Impact Report and 2020 Program Recommendations,” The Integrated Climate Adaptation and Resiliency Program, State of California, Governor’s Office of Planning and Research, https://opr.ca.gov/docs/20200427-ICARP_Impact_Report.pdf

Podcast

- Building Our Zero Emissions Future, TED Radio Hour, <https://www.npr.org/2020/11/05/931842071/building-our-zero-emissions-future>

Related Articles

- “Australian Engineers Declare Climate and Biodiversity Emergency,” <https://engineersdeclare.org.au/>
- “Leading Australian engineers turn their backs on new fossil fuel projects,” The Guardian, October 20, 2019, <https://www.theguardian.com/environment/2019/oct/21/leading-engineers-turn-their-backs-on-new-fossil-fuel-projects>

Optional Readings / Resources

- “Floods, Storms and Searing Heat: 2020 in Extreme Weather,” ENR, https://www.enr.com/external_headlines/story?region=&story_id=gYK6wDY61IFa0uJs_TZg8vDJI0AjOhylfjbTkF1R5r6rlltdyD5SN_x44AZ3R7WvJCSlWeVdkU9PaQF2u2PWYH4wEXux5yRZ0ofCWXen5IYrvZBXC9hXAMSqPvBIFWvj&images_premium=1&define_caption=1&oly_enc_id=4424A6607590A7X
- “Climate Change: Evidence and Causes: Update 2020, National Research Council 2020, The National Academies Press, <https://doi.org/10.17226/25733>
- Pathway 2045, Update to the Clean Power and Electrification Pathway, Southern California Edison, <https://www.edison.com/home/our-perspective/pathway-2045.html>
- Countdown Podcast Series, TED, <https://countdown.ted.com/>