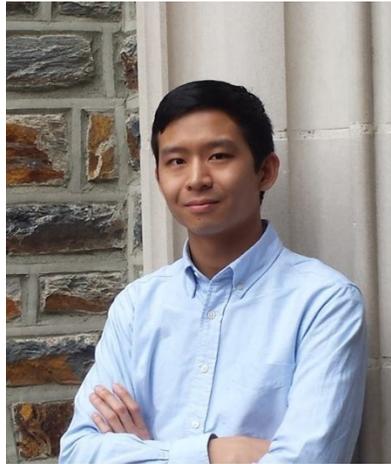


Dr. Seaver Wang, Director of Climate and Energy, The Breakthrough Institute



Seaver Wang is Director of the Climate and Energy program at the Breakthrough Institute. His current research focuses upon minerals and manufacturing supply chains, on decarbonization of heavy industry, and on climate and energy policy in East Asia. He holds a PhD in Earth and Ocean Sciences from Duke University where his doctoral research investigated links between marine microbial communities and carbon and nutrient cycling in the surface ocean. He also holds a BA in Earth Sciences from the University of Pennsylvania. His work on energy systems and mineral supply chains has been published in the journals *Joule*, *Applied Energy*, and *Nature Communications*, while his earth science research has been published in *Reviews of Geophysics*, the *ISME Journal*, the *Journal of Geophysical Research: Oceans*, and more. He has been invited to present on seafloor minerals by the U.S. Government Accountability Office, by the "Risorsa Mare" conference co-hosted by the Italian government, and by Congressional offices, and he contributed a chapter on "Mining the Deep Sea: A New Minerals Frontier" to the book volume "Critical Minerals and the Future of the U.S. Economy," published by the Center for Strategic & International Studies.

Seaver's writing has appeared in the *Wall Street Journal*, *Foreign Policy*, *Slate*, *New Atlantis*, the *Diplomat*, and more. His research has been cited by members of Congress and has received media coverage in numerous outlets, including the *Washington Post*, the *Associated Press*, *Bloomberg*, *Axios*, *Business Insider*, *Vox*, *Financial Times*, *New Scientist*, *POWER Magazine*, *Utility Dive*, and *S&P Global*. He is based in Breakthrough's Washington D.C. office.

Dr. Wang has not previously testified before the Commission.