

The Road Report & More

Health, Science, & Climate Action

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Legacy of Drought

Sitting just 25 miles outside of Las Vegas is the nation's largest reservoir - Lake Mead. A man made product of the Colorado River and Hoover Dam, Lake Mead provides water to the states of Arizona, California, and Nevada, serving nearly 20 million people in total, not to

mention extensive farmland. This August, I had the opportunity to visit the lake for the first time. While the lake and desert surroundings were gorgeous, I couldn't help but notice what appeared to be "high water" marks on the cliff sides. Sure enough, what I was seeing was a legacy of the drought. In fact, both drought and increased water demand over the past two decades have caused water levels in Lake Mead to drop by over 120 feet! At present, the lake sits at only 40% capacity, the lowest level since the filling of the reservoir in 1936. This is the story of other reservoirs across the Southwest too. Besides being a stress on freshwater supplies, low water levels are also reducing our ability to provide zero-emissions renewable hydroelectric power. Featured above is a photo I took while on the lake. To get a sense of the scale of water loss, check out the discolored water markings and notice the jet skiers in the foreground.

**Harvard Professor
on Air-To-Fuel**

Recently, I had the privilege of returning to my alma mater to sit down with Harvard University's Dr. David Keith, who is a Professor of Applied Physics at the University.

We discussed his company [Carbon Engineering](#) and the prospect of using existing

technology to capture carbon from the air and convert it to liquid fuel for transportation at a commercial scale. This technology would allow for carbon-neutral transportation without requiring changes to infrastructure or automobile fleet. It would be a big win for the climate! And an important aspect of this project is that it's not just academic, but is actually cost competitive in the marketplace. Thus far, the company has raised tens of millions of dollars to construct its first commercial AIR TO FUELS™ plant, which will be the first in the world to commercially sell transportation fuels synthesized from air and clean electricity. Bill Gates is just one of its many prominent investors. [Click here](#) to watch my interview with Dr. Keith, and [click here](#) to learn more about his revolutionary company!



Amazon on Fire: Who's to Blame?

The Amazon has made headlines this week as fires rip across the region. While this is the Amazon's dry season, during which fires are common, fires are oddly up 80% above normal. As the Amazon burns, the world has

lit up with despair and outrage, with hashtags such as [#PrayForTheAmazon](#) going viral on social media. As emotions continue, one naturally wonders "who is to blame?" Of course, the most direct answer is "human ignition," as these fires are mostly caused by farmers and ranchers using flames to clear forests (a common practice in tropical regions). However, the underlying reason for farming-related fires is worth pursuing. Some news reports point to climate change. Others points to [Brazil's President Jair Bolsonaro](#), who champions the exploitation of the Amazon for economic gain. While this may all be true, the

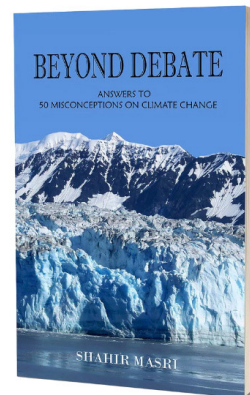
evident international concern for the Amazon which has surfaced this week is not without irony. As we look to blame ranchers, politicians, and weather for these fires, we overlook a glaring paradox. Underlying the long term destruction of the Amazon rain forest for decades has been global demand for meat products. [Click here](#) to read my full article, which was recently published in The Hill! And please share the article on your social media!

Need Help Fund Raising?

This month I've begun recruiting sales reps who can earn a commission while helping to get my book [Beyond Debate](#) into the hands of new people around the country. Whether you're a non-profit trying to raise money for your organization, or are just a person trying to make a little side cash, this opportunity is perfect for you! Critical to mobilizing climate action is the dissemination of science-based information on climate change to the public. By joining my team, you'd be contributing to this cause while also earning a side income. If you or someone you know is interested in learning more, simply reply to this email and I'll provide you with an info packet on how to get started!

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&
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Greta Sets Sail!

The famous teenage climate activist Greta Thunberg has officially set sail last month en route to New York, where she's now attending the United Nations Climate Action Summit. In carbon-conscience fashion, Greta refused to fly to the conference, opting instead to

set sail by wind. Accompanied by family in a 60-foot sailboat, her nearly 3,000

mile journey took about 2 weeks to complete. Let's wish Greta good luck as she continues to inspire people of all ages to stand up and mobilize behind climate action! [Click here](#) to read more about her journey across the ocean, and be sure to catch her UN speech, which she just gave today!

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