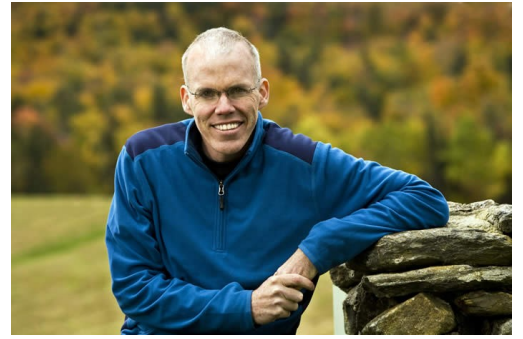


It's getting hot as hell and we're not going to take it any more

by Bill McKibben



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I wrote the first book for a general audience on global warming back in 1989, and I've spent the subsequent 21 years working on the issue. I'm a mild-mannered guy, a Methodist Sunday School teacher. Not quick to anger. So what I want to say is: **this is f--ked up. The time has come to get mad, and then to get busy.**

For many years, the lobbying fight for climate legislation on Capitol Hill has been led by a collection of the most corporate and moderate environmental groups, outfits like the Environmental Defense Fund. We owe them a great debt, and not just for their hard work. We owe them a debt because they did everything the way you're supposed to: they wore nice clothes, lobbied tirelessly, and compromised at every turn.

By the time they were done, they had a bill that only capped carbon emissions from electric utilities (not factories or cars) and was so laden with gifts for industry that if you listened closely you could actually hear the oinking. They bent over backwards like Soviet gymnasts. Senator John Kerry, the legislator they worked most closely with, issued this rallying cry as the final negotiations began: *We believe we have compromised significantly, and we're prepared to compromise further.*

And even that was not enough. They were left out to dry by everyone - not just Reid, not just the Republicans. Even President Obama wouldn't lend a hand, investing not a penny of his political capital in the fight. **The result: total defeat, no moral victories.**

Now what?

So now we know what we didn't before: making nice doesn't work. It was worth a try, and I'm completely serious when I say I'm grateful they made the effort, but it didn't even come close to working. So we better try something else.

Step one involves actually talking about global warming. For years now, the accepted wisdom in the best green circles was: talk about anything else - energy independence, oil security, beating the Chinese to renewable technology. I was at a session convened by the White House early in the Obama administration where some polling guru solemnly explained that 'green jobs' polled better than 'cutting carbon. No, really? In the end, though, all these focus-group favorites are secondary. The task at hand is keeping the planet from melting. We need everyone - beginning with the president - to start explaining that basic fact at every turn.

It is the heat, and also the humidity. Since warm air holds more water than cold, the atmosphere is about 5% moister than it was 40 years ago, which explains the freak downpours that seem to happen someplace on this continent every few days.

It is the carbon - that's why the seas are turning acid, a point Obama could have made with ease while standing on the shores of the Gulf of Mexico. 'It's bad that it's black out there,' he might have said, 'but even if that oil had made it safely ashore and been burned in our cars, it would still be wrecking the oceans.' Energy independence is nice, but you need a planet to be energy independent on.

Mysteriously enough, this seems to be a particularly hard point for smart people to grasp. Even in the wake of the

disastrous Senate non-vote, the Nature Conservancy's climate expert told New York Times columnist Tom Friedman, 'We have to take climate change out of the atmosphere, bring it down to earth, and show how it matters in people's everyday lives.' Translation: ordinary average people can't possibly recognize the real stakes here, so let's put it in language they can understand, which is about their most immediate interests. It's both untrue, as I'll show below, and incredibly patronizing. It is, however, exactly what we've been doing for a decade and clearly, It Does Not Work.

Step two, we have to ask for what we actually need, not what we calculate we might possibly be able to get. If we're going to slow global warming in the very short time available to us, then we don't actually need an incredibly complicated legislative scheme that gives door prizes to every interested industry and turns the whole operation over to Goldman Sachs to run.

We need a stiff price on carbon, set by the scientific understanding that we can't still be burning black rocks a couple of decades hence. That undoubtedly means upending the future business plans of Exxon and BP, Peabody Coal and Duke Energy, not to speak of everyone else who's made a fortune by treating the atmosphere as an open sewer for the byproducts of their main business.

Instead they should pay through the nose for that sewer, and here's the crucial thing: most of the money raised in the process should be returned directly to American pockets. The monthly check sent to Americans would help fortify us against the rise in energy costs, and we'd still be getting the price signal at the pump to stop driving that SUV and start insulating the house. We also need to make real federal investments in energy research and development, to help drive down the price of alternatives - the Breakthrough Institute points out, quite rightly, that we're crazy to spend more of our tax dollars on research into new drone aircraft and Mars orbiters than we do on photovoltaics.

Yes, these things are politically hard, but they're not impossible. A politician who really cared could certainly use, say, the platform offered by the White House to sell a plan that taxed BP and actually gave the money to ordinary Americans.

Asking for what you need doesn't mean you'll get all of it. Compromise still happens. But as David Brower, the greatest environmentalist of the late twentieth century, explained amid the fight to save the Grand Canyon: *'We are to hold fast to what we believe is right, fight for it, and find allies and adduce all possible arguments for our cause. If we cannot find enough vigor in us or them to win, then let someone else propose the compromise. We thereupon work hard to coax it our way. We become a nucleus around which the strongest force can build and function.'*

Which leads to the third step in this process. If we're going to get any of this done, we're going to need a movement, the one thing we haven't had. For 20 years environmentalists have operated on the notion that we'd get action if we simply had scientists explain to politicians and CEOs that our current ways were ending the Holocene, the current geological epoch. That turns out, quite conclusively, not to work. We need to be able to explain that their current ways will end something they actually care about, i.e. their careers. And since we'll never have the cash to compete with Exxon, we better work in the currencies we can muster: bodies, spirit, passion.

Movement time

As Tom Friedman put it in a strong column the day after the Senate punt, the problem was that the public 'never got mobilized.' Is it possible to get people out in the streets demanding action about climate change? Last year, with almost no money, our scruffy little outfit, 350.org, managed to organize what Foreign Policy called the 'largest ever co-ordinated global rally of any kind' on any issue - 5,200 demonstrations in 181 countries, 2,000 of them in the U.S.A.

People were rallying not just about climate change, but around a remarkably wonky scientific data point, 350 parts per million carbon dioxide, which NASA's James Hansen and his colleagues have demonstrated is the most we can have in the atmosphere if we want a planet *'similar to the one on which civilization developed and to which life on earth is adapted.'* Which, come to think of it, we do. And the 'we,' in this case, was not rich white folks.

If you look at the 25,000 pictures in our Flickr account, you'll see that most of them were poor, black, brown, Asian, and young - because that's what most of the world is. No need for vice-presidents of big conservation groups to patronize them: shrimpers in Louisiana and women in burqas and priests in Orthodox churches and slum dwellers in Mombasa turned out to be completely capable of understanding the threat to the future.

Those demonstrations were just a start (one we should have made long ago). We followed up in October on 10-10-10 with a Global Work Party. All around the country and the world people put up solar panels and dug community gardens and laid out bike paths. Not because we can stop climate change one bike path at a time, but because we need to make a sharp political point to our leaders: we're getting to work, what about you? We need to shame them, starting now. And we need everyone working together.

The big environmental groups are starting to wake up, too. The Sierra Club has a dynamic new leader, Mike Brune, who is working hard with stalwarts like Greenpeace and Friends of the Earth. (Note to enviro groups: working together is fun and useful). Churches are getting involved, as well as mosques and synagogues.

Kids are leading the fight, all over the world - they have to live on this planet for another 70 years or so, and they have every right to be pissed off.

But no one will come out to fight for watered down and weak legislation. That's not how it works. You don't get a movement unless you take the other two steps I've described.

And in any event it won't work overnight. We're not going to get the Senate to act next week, or maybe even next year. It took a decade after the Montgomery bus boycott to get the Voting Rights Act. But if there hadn't been a movement, then the Voting Rights Act would have passed in... never. We may need to get arrested. We definitely need art, and music, and disciplined, nonviolent, but very real anger.

Mostly, we need to tell the truth, resolutely and constantly. Fossil fuel is wrecking the one earth we've got. It's not going to go away because we ask politely. If we want a world that works, we're going to have to raise our voices.

Try to fit these facts together:

According to the National Oceanic and Atmospheric Administration, the planet has just come through the warmest decade, the warmest 12 months, the warmest six months, and the warmest April, May, and June on record.

A staggering new study from Canadian researchers has shown that warmer seawater has reduced phytoplankton, the base of the marine food chain, by 40% since 1950.

Nine nations have so far set their all-time temperature records in 2010, including Russia (111°F), Niger (118°F), Sudan (121°F), Saudi Arabia and Iraq (126°F apiece), and Pakistan, which also set the new all-time Asia record in May: a hair under 130°F. I can turn my oven to 130°F.

And then, in late July, the U.S. Senate decided to do exactly nothing about climate change. They didn't do less than they could have - they did nothing, preserving a perfect two-decade bipartisan record of no action. Senate majority leader Harry Reid decided not even to schedule a vote on legislation that would have capped carbon emissions.