

RAEL

**Communicating Science:
A personal and anecdotal account**

Daniel Kammen

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& Goldman School of Public Policy
& Department of Nuclear Engineering
Director, Renewable and Appropriate Energy Laboratory
University of California, Berkeley

November 14, 2018

Selection from PhD Students (50)

Berkeley [www.rael.berkeley.edu](http://rael.berkeley.edu)

Sample of Masters Students Undergraduates

Berkeley [www.rael.berkeley.edu](http://rael.berkeley.edu)

Resources:

Website: <http://rael.berkeley.edu>

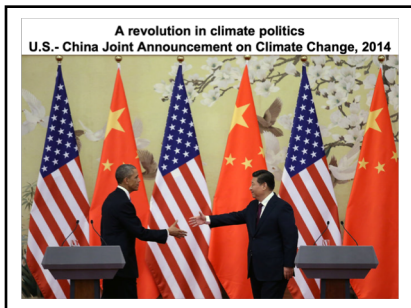
Twitter: [@dan_kammen](https://twitter.com/dan_kammen)

Timeline

Recognized for contributions to the Nobel Peace Prize | **Property Assessed Clean Energy Model Used to the World Changing Idea** | **RAEL's SWITCH Define Utility Storage Mandates**

1999 (Founded) | 2007 | 2009 | 2016-18

<http://rael.berkeley.edu>



THIS MESSAGE IS AN INVESTIGATION

January 11, 2017

Daniel Kammen, Ph.D.
Berkeley, California

Please accept my sincere gratitude for the donation which you have represented our country and my Administration as Science Energy.

Establishing the spirit of science and the search for shared values that would be our common interest and humanity, and to help preserve the advancement of science, diplomacy, and partnership between nations and peoples and country's standing in the world. I hope this is the first of many such agreements you will make and we will be pleased to see efforts to bring about a future of greater possibility, both here on home and across the globe.

Again, thank you for understanding alongside me to demonstrate that there is no more the divide that divide us and to bring a strong future to a tomorrow that reflects the common truth. You have my very best wishes for all that lies ahead.

Sincerely,
Barack Obama

RAEL Berkeley [www.rael.berkeley.edu](http://rael.berkeley.edu)

Dear Mr. President

August 23, 2017

Mr. President,

Regarding my position as Science Advisor for the Department of State of the United States. Since 1999, I have served the Department of State, the US Environmental Protection Agency, and the State Department in a number of roles. Working closely with its cabinet Secretaries, State Department Inspectors and as a U.S. Embassy Counselor, and for that matter, Ambassador to the United Kingdom, and the United States.

Decision to resign is in response to your efforts to come within of the United States. Your failure to respect the scientific consensus on climate change, and the impact on the world, is a clear and deliberate effort to undermine the scientific consensus on climate change. Your failure to respect the scientific consensus on climate change, and the impact on the world, is a clear and deliberate effort to undermine the scientific consensus on climate change.

Climate change is a global issue and needs, and requires the leadership of all nations. The global community of nations is a global issue and needs, and requires the leadership of all nations. The global community of nations is a global issue and needs, and requires the leadership of all nations.

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Sincerely,
Professor Daniel M. Kammen
Science Advisor, U.S. State Department (Retired)

RAEL Berkeley [www.rael.berkeley.edu](http://rael.berkeley.edu)

J.K. Rowling @jk_rowling
I wonder whether there's anyone left in America who doesn't know what an acrostic is.

Daniel M Kammen @dan_kammen
Mr. President, I am resigning as Science Envoy. Your response to Charlottesville enables racism, sexism, & harms our country and planet. pic.twitter.com/eWzDc5Yw6t

Daniel M Kammen @dan_kammen
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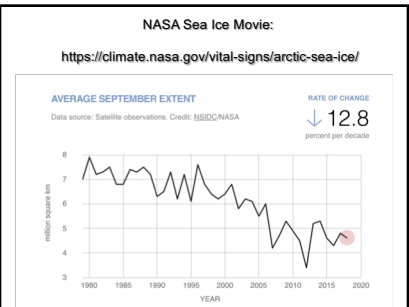
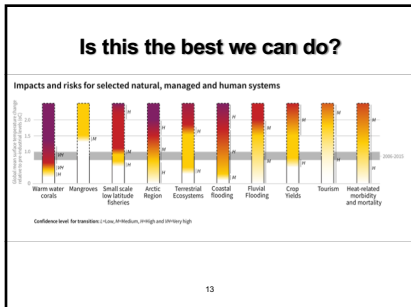
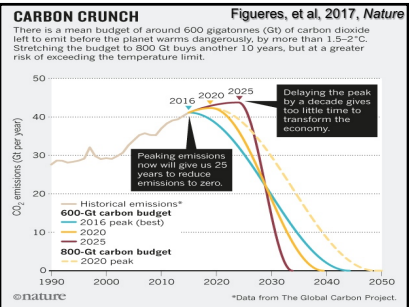
ambassador abroad, we have built significant partnerships in North and East Africa, and in the Middle East, around shared values of national sovereignty, job creation in the U. S. and sustainable energy.

My decision to resign is in response to your attacks on core values of the United States. Your failure to condemn white supremacists and their hosts, your denials and insouciant qualifications, the lies you have used with the congressional and authoritative statements of Charlottesville Mayor Mike Signer, Virginia Governor Terry McAuliffe, Ohio Governor John Kasich, Senator John McCain, Congressional Speaker Paul Ryan, California Governor Jerry Brown, and others. "Historical events," "Bill and Hillary," "Dr. Fauci," "Dr. Fauci's wife," "Betsy DeVos," the Palestinian-American activist and one of the organizers of the Women's March, and many others.

Particularly troubling to me is that your response to Charlottesville is consistent with a broader pattern of behavior that enables racism and sexism, and disregards the welfare of all Americans, the global community and the planet.

Examples of this disavowal pattern have consequences on my duties as Science Envoy. Your decision to abdicate the leadership opportunity and the job-related benefits of the Park Science Award, and the uncertainty among and environmental research are not acceptable to me.

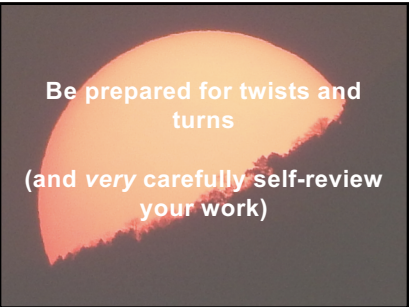
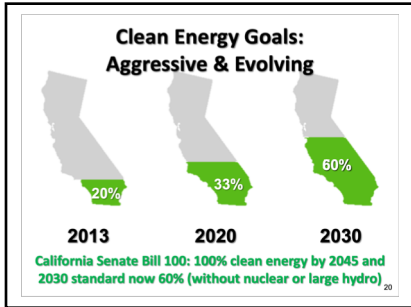
Act and words matter. The support to my job and your administration would be inconsistent with the principles of the United States Oath of Allegiance to which I adhere.



Growth in green energy is gold for California, U.S.

Signed into law, September 10, 2018

Even the title is inaccurate/misleading




The paper

... not enough

Ethanol Can Contribute to Energy and Environmental Goals

ORAEI Berkeley

The press release
... getting better



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The science into action
... takes time



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You may never be done ...



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