

Methane is creating serious problems and we are in a climate crisis as a result.



.....keeping watch on  
the industry

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**"New research by a scientist at Cornell University  
warns that the fracking boom in the U.S.  
and Canada over the past decade is largely to  
blame for a large rise in methane in the  
Earth's atmosphere—and that reducing emissions**

**of the extremely potent greenhouse gas is crucial to help stem the international climate crisis.**

**Professor Robert Howarth examined hydraulic fracturing, or fracking, over the past several decades, noting the fracking boom that has taken place since the first years of the 21st century. Between 2005 and 2015, fracking went from producing 31 billion cubic meters of shale gas per year to producing 435 billion cubic meters.**

**Nearly 90 percent of that fracking took place in the U.S., while about 10 percent was done in Canada." Common Dreams 8-14-2019**

**- Read more [HERE](#)**

**The actual scientific report from Dr. Howarth is at  
this location: [The Howarth Study](#)**

**When is the time to stop hydraulic fracturing and  
the mining of frac sand? This information tells us  
the time is NOW, not later!**

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*Welcome to the Frac Sand Sentinel, a newsletter highlighting resource links, news media accounts, blog posts, correspondence, observations and opinions gathered regarding local actions on, and impacts of, the developing frac sand mining and processing industries.*

*The content of this newsletter is for informational purposes only. The editor of the Frac Sand Sentinel does not accept any responsibility or liability for the use or misuse of the content of this newsletter or reliance by any persons on the newsletters contents.*

***CHECK OUT THE WEBSITE: [CCC-WIS.COM](http://CCC-WIS.COM) and for additional information, [click here](#) for panoramic aerial views of frac sand mines, processing plants, and trans-load facilities. [FracTracker.org](http://FracTracker.org) is also an excellent source of information.***

***Other photo views from Frac Tracker and Ted Auch:***

<https://photos.google.com/share/AF1QipMBH0IPvdw19EsuZGAdUEFdgiSv->

[TPbcKPj8HxJllpIFoYxR8M5dVvwr5B9XoeZeg?key=R083U19FaGx6T3dBWXFSV2VEaVVReEIFZWg4RXhB](https://www.youtube.com/watch?v=2KAhlsPX2M4&list=PL3jKN5u7SXNRHAc363kkd45Fe_IasyXt)

[https://www.youtube.com/watch?v=2KAhlsPX2M4&list=PL3jKN5u7SXNRHAc363kkd45Fe\\_IasyXt](https://www.youtube.com/watch?v=2KAhlsPX2M4&list=PL3jKN5u7SXNRHAc363kkd45Fe_IasyXt)

<https://drive.google.com/drive/folders/1W7x9WOARu3ZePVaKZzldSrP0FI5UGmSY>

Ground truthing trips from September, 2018:

(<https://drive.google.com/open?id=1W7x9WOARu3ZePVaKZzldSrP0FI5UGmSY>)

July, 2018: ([https://drive.google.com/open?id=12zgH6GNNUSH7RODP\\_TbtBkUHAItSH02p](https://drive.google.com/open?id=12zgH6GNNUSH7RODP_TbtBkUHAItSH02p))

Aerial photo tour includes the blasting event caught in Hixton, Wisconsin:

[https://drive.google.com/open?id=1pE-t0TIJk\\_vMIDB3Iz0tFBTXAMDI9snh](https://drive.google.com/open?id=1pE-t0TIJk_vMIDB3Iz0tFBTXAMDI9snh)