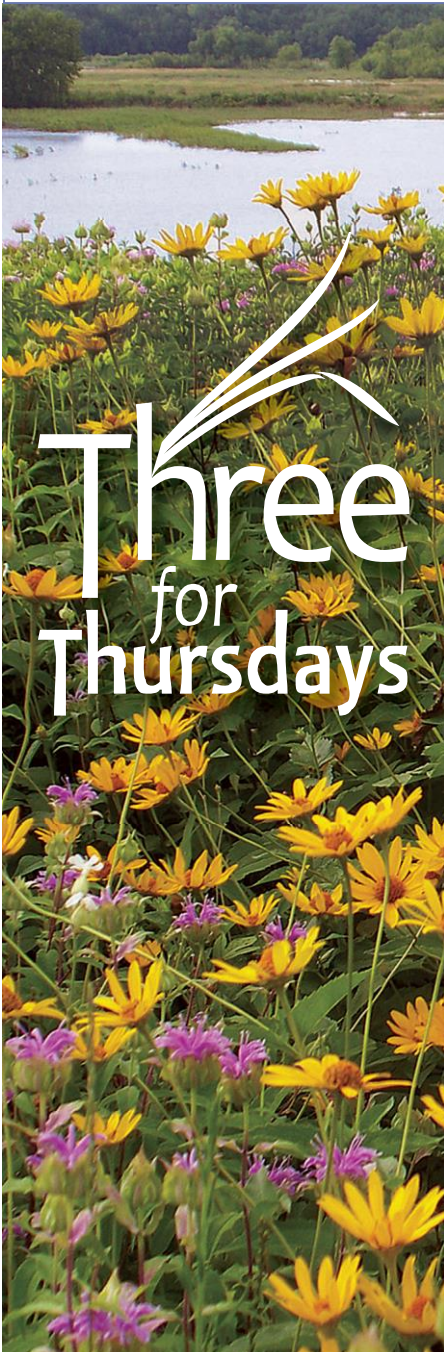


# NATURAL LAND INSTITUTE

Conserving Land  
in Northern Illinois



## Nature...Reigning in Carbon!

“A **new study** shows that better global land stewardship—conserving and restoring wild habitats and practicing more sustainable farming—could get us more than one-third of the way to the Paris climate mitigation targets. Nature ...has tremendous power to move the climate change needle. In principle, the authors say, natural climate solutions could remove 23.8 billion tons of carbon dioxide equivalent from the atmosphere each year.”

<http://www.anthropocenemagazine.org/2017/10/nature-is-one-of-the-most-under-appreciated-tools-for-reigning-in-carbon/>

More trees, (of course!)... and the vital role of agriculture (surprise!)

<https://www.nature.org/newsfeatures/pressreleases/new-study-finds-nature-is-vital-to-beating-climate-change.xml>

## Mammals...in Forests...Storing Carbon!

**Writing in the journal *Nature Ecology and Evolution***, ecologists led by Mar Sobral and José Fragoso of Stanford University describe a three-year-long study of mammals and carbon cycles in southeast Guyana. Previous research suggested links between biodiversity and carbon storage; the more species of plants and animals there are in a given ecosystem, the more CO<sub>2</sub> it seems to absorb. Exactly how this works, though, is still being revealed.

<http://www.anthropocenemagazine.org/2017/10/protect-animals-reduce-carbon/>

## Climate Change, Urbanization and Conservation

Dr. Ingrid “Indy” Burke, Dean of the Yale School of Forestry and Environmental Studies spoke at the Openlands Luncheon in October on the relationship between climate change, urbanization and conservation. There is ever more need for us to focus intentionally on conservation. In the next several decades, we will reach 1.5 C degrees globally. We need to ramp up our ability to store carbon.

<https://youtu.be/oHrC29DJwDE>

Let’s talk soon! Kerry November 29, 2018



320 S. Third Street, Rockford, Illinois 61104 • Phone: 815/964-6666  
E-mail: [info@naturalland.org](mailto:info@naturalland.org) • [www.NaturalLand.org](http://www.NaturalLand.org)