

**From:** Julie Ritter

**Sent:** Wednesday, March 09, 2022 3:01 PM

**To:** Julie Ritter

**Subject:** Carbon emissions, housing, retrofitting, biodiversity, all in one paper

Good afternoon everyone.

Hope you are each and all enjoying this sunny day.

Here is a link to a paper that is a good attempt at trying to examine the relationships between carbon emissions in new construction, retrofitting old buildings, infrastructure, biodiversity, bringing in the problems of enough and affordable housing. It is a very ambitious paper and whether you agree with it or not, there are many things to think about. In your copious spare time :-)

This is from the UK but it is just as applicable here (with minor tweaks re: economics)

<https://osf.io/5kxce/>

Please feel free to share.

One takeaway is: it can be hard to meet your emissions goals whilst forging ahead with development and infrastructure, both of which create their own carbon emissions. This then impacts creating enough housing, creating affordable housing, etc. Yes, all in one paper!

Respectfully,

Julie Ritter

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That is fundamentally the only courage which is demanded of us: to be brave in the face of the strangest, most singular and most inexplicable things that can befall us. - Rilke