



Voss 02.02.2022

Klima og naturmangfald – i verda og på Voss?

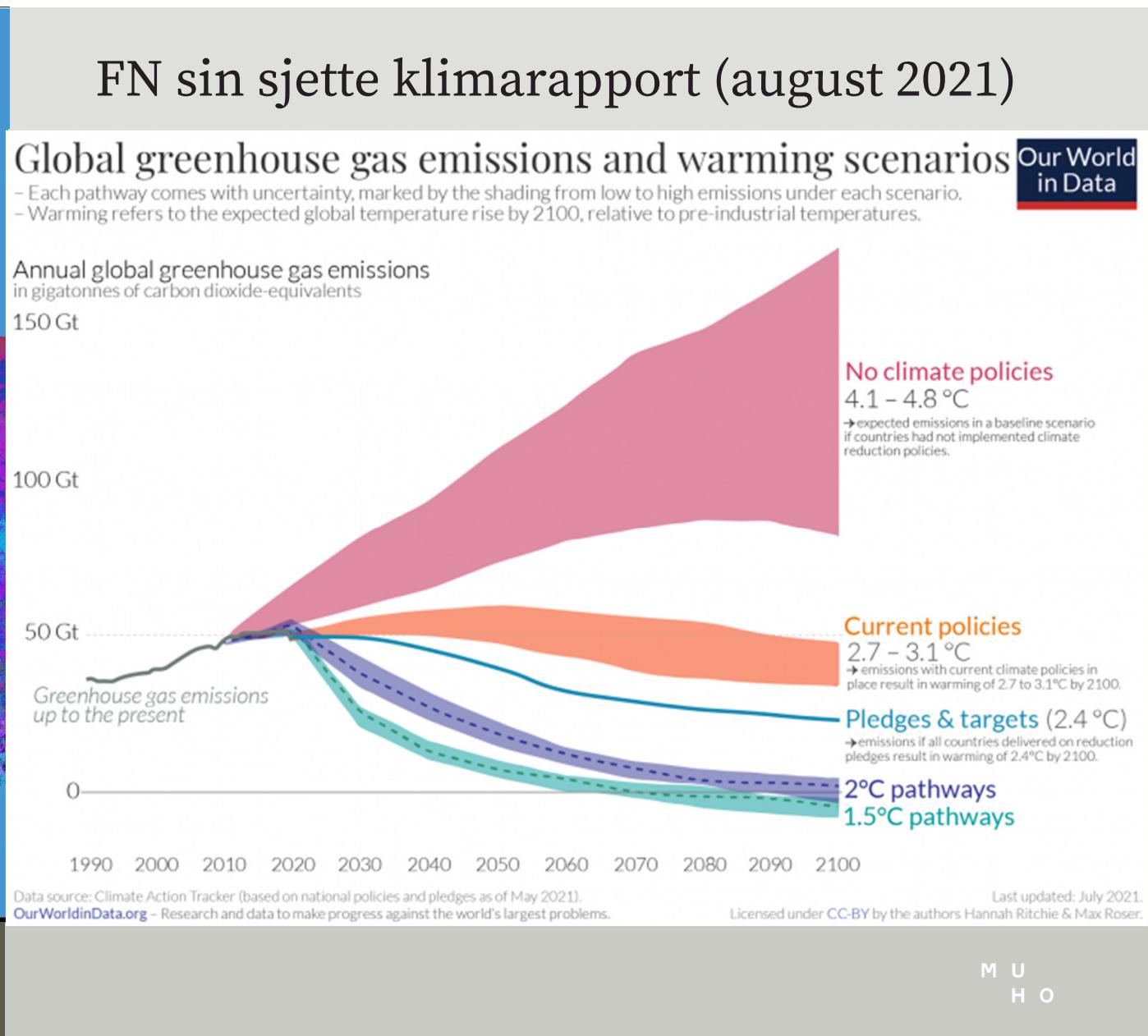
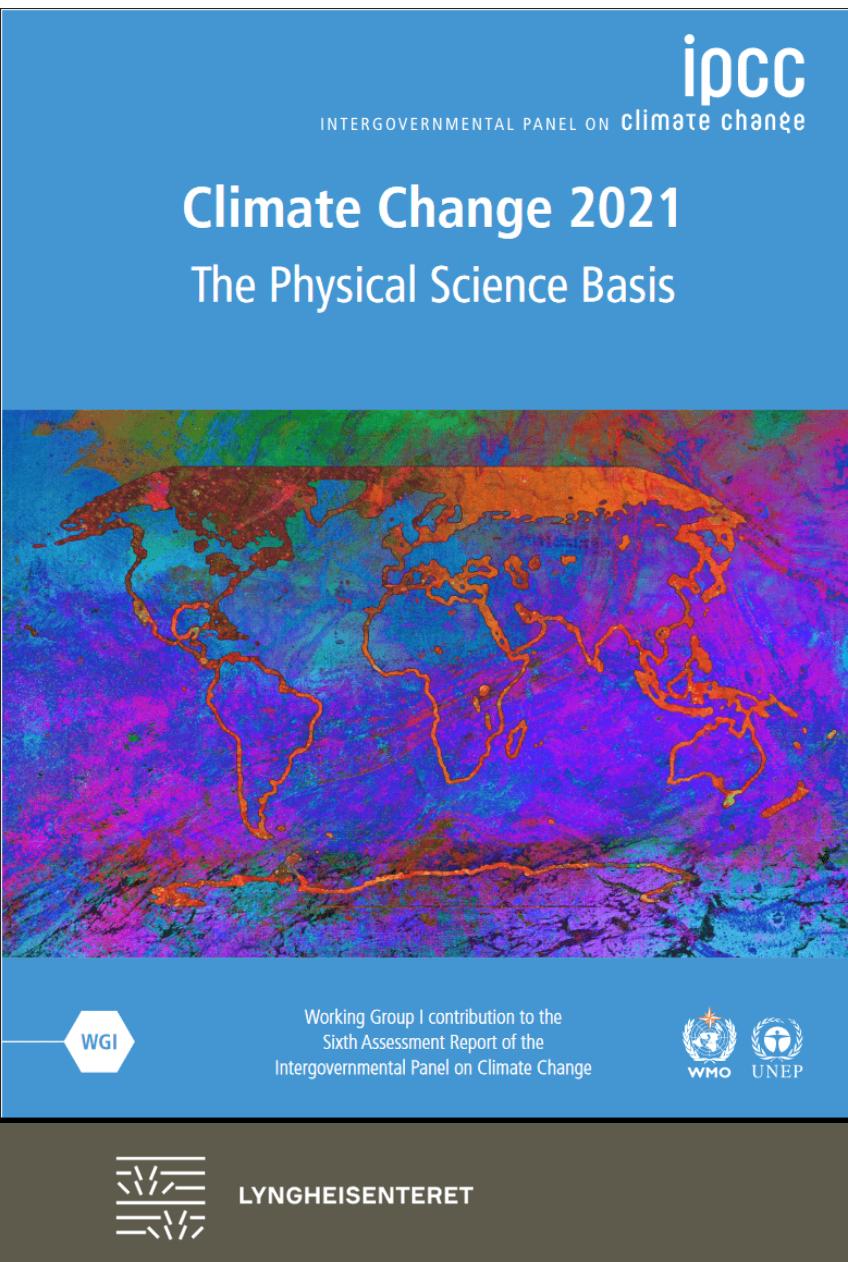
Klimakafe om klima og naturmangfald

Siri Vatsø Haugum
Forskar og fagansvarleg
Lynghesisenteret



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Annual Global CO₂ Emissions

(1751-2019)

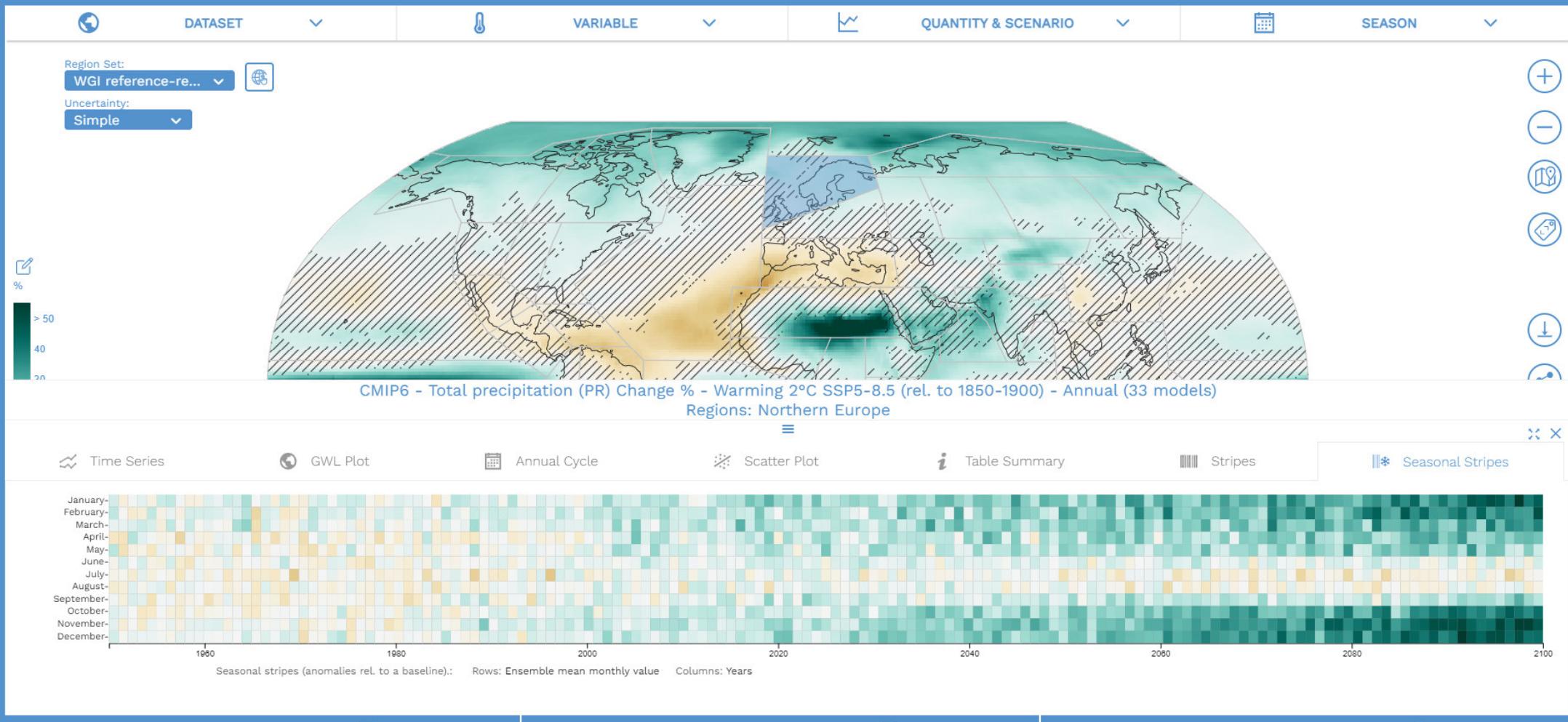


Sources: Carbon Budget Project (2017), Global Carbon Budget (2019), Peter Frumhoff (2014)



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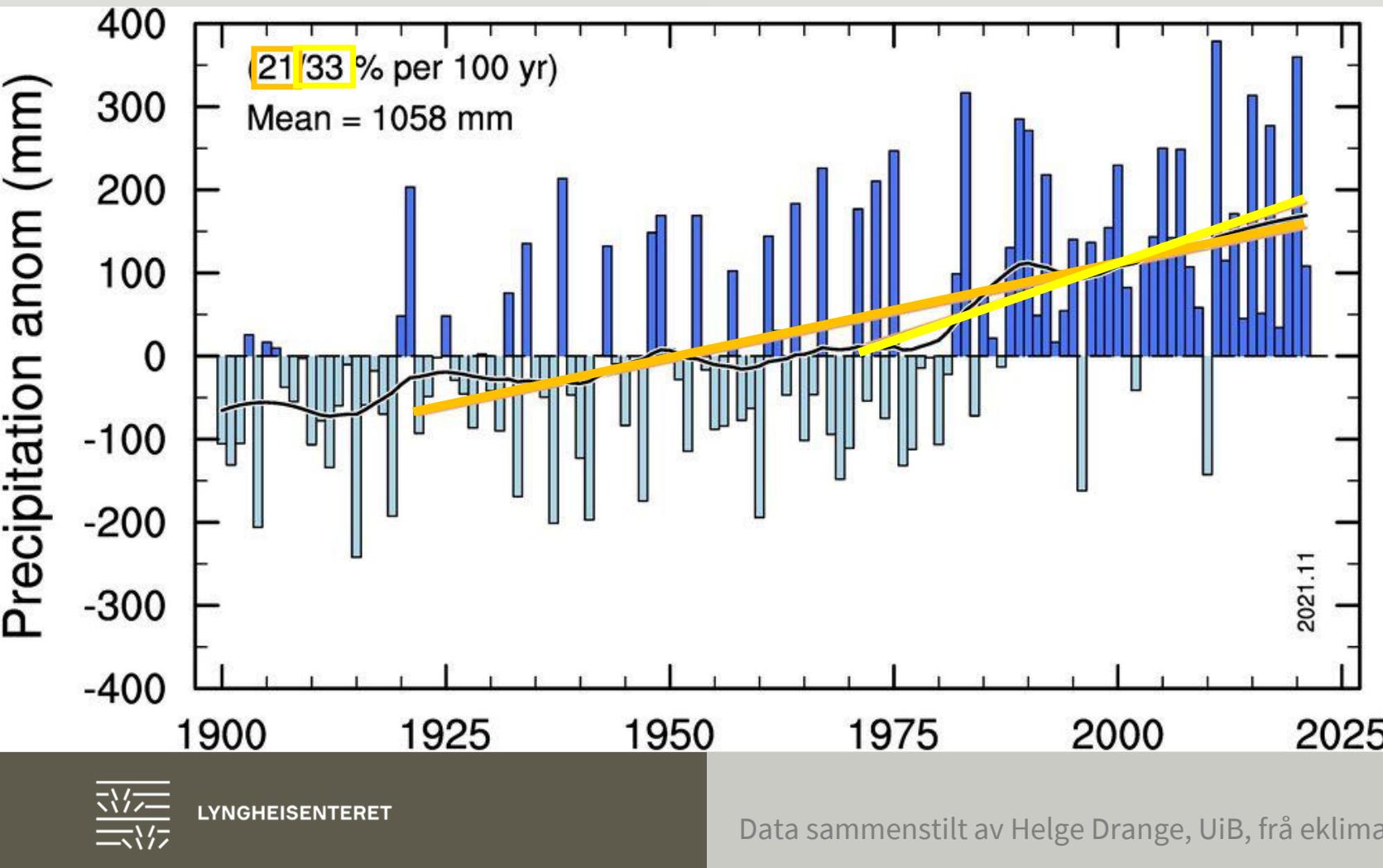


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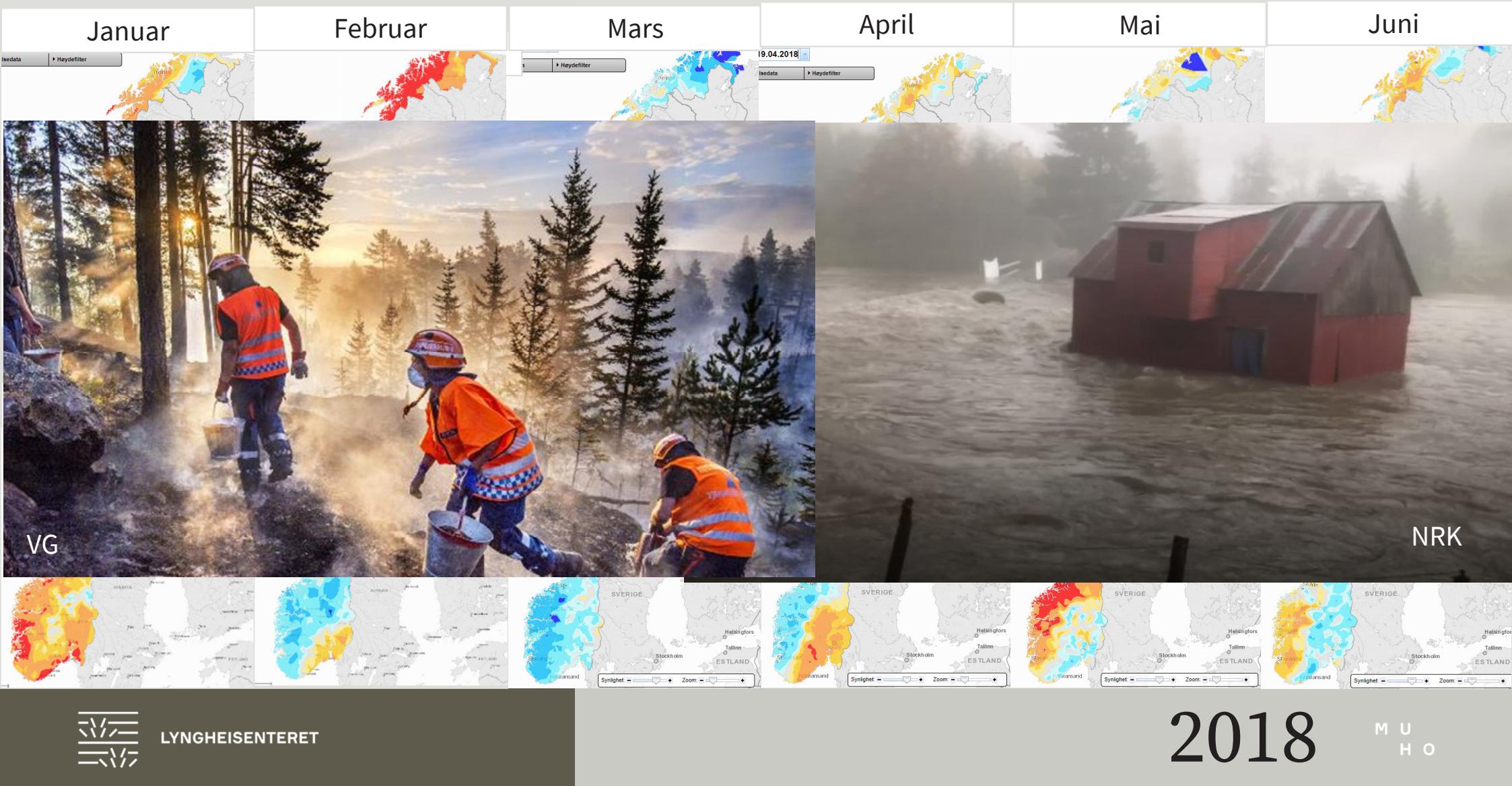
IPCC Atlas 2021

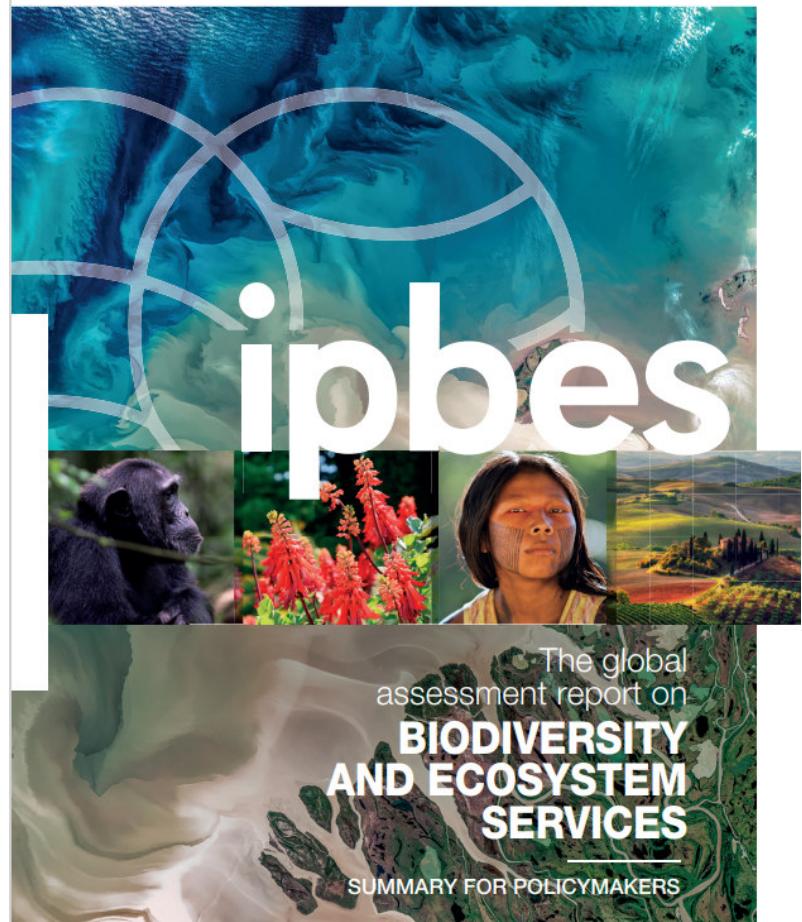
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Gjennomsnittet er ikkje så farleg



Men ekstremar er farlege...



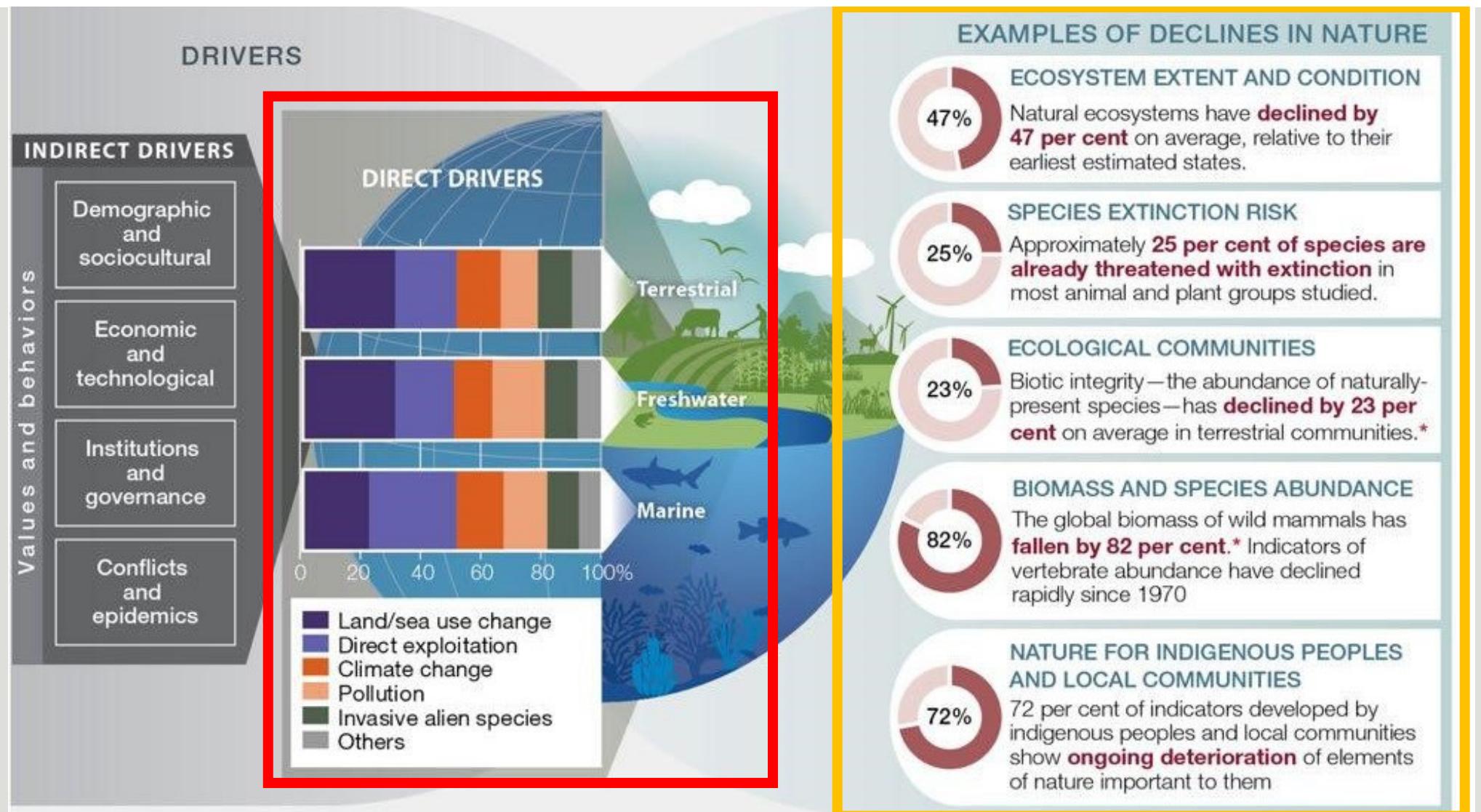


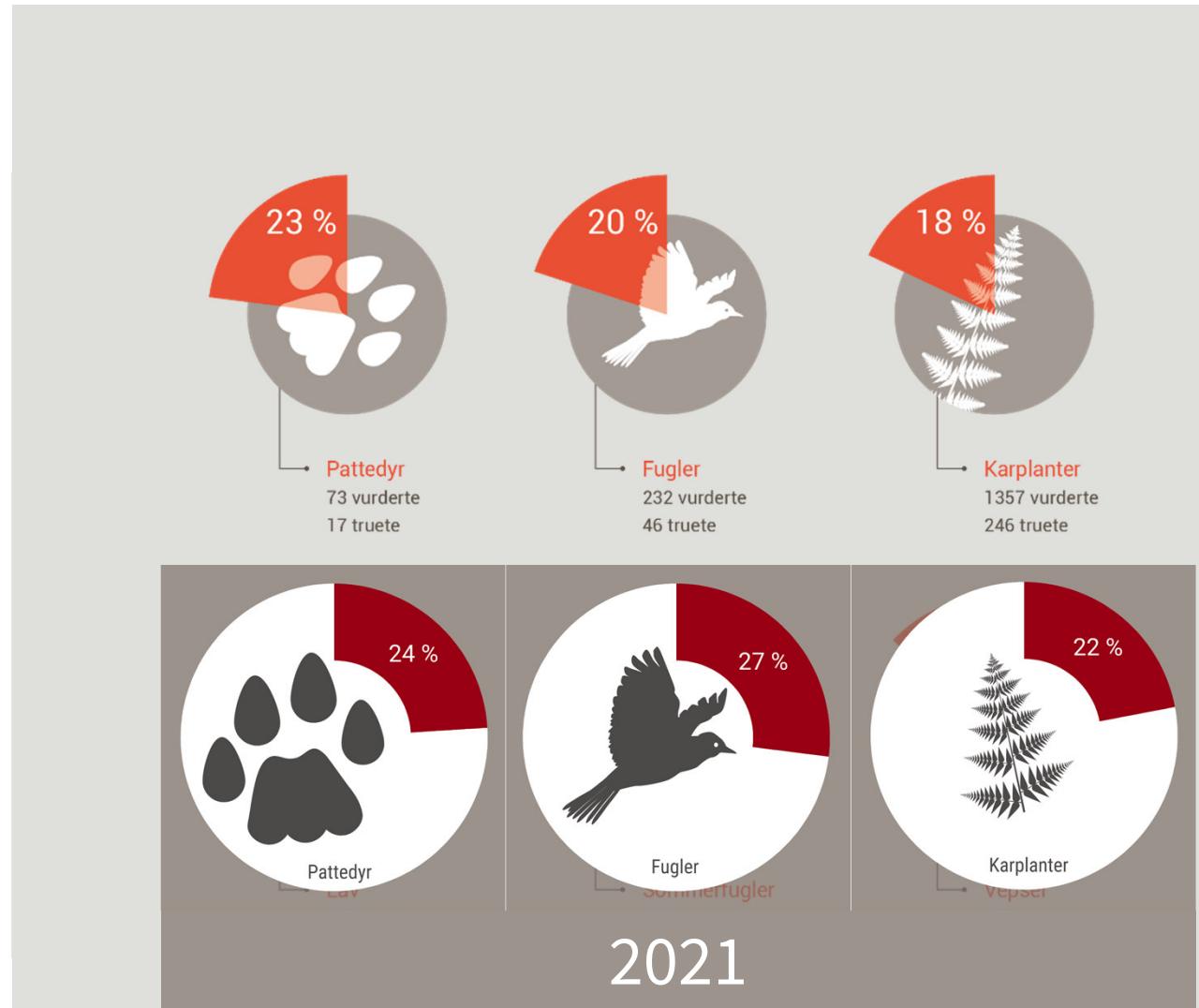
FN sitt naturpanel



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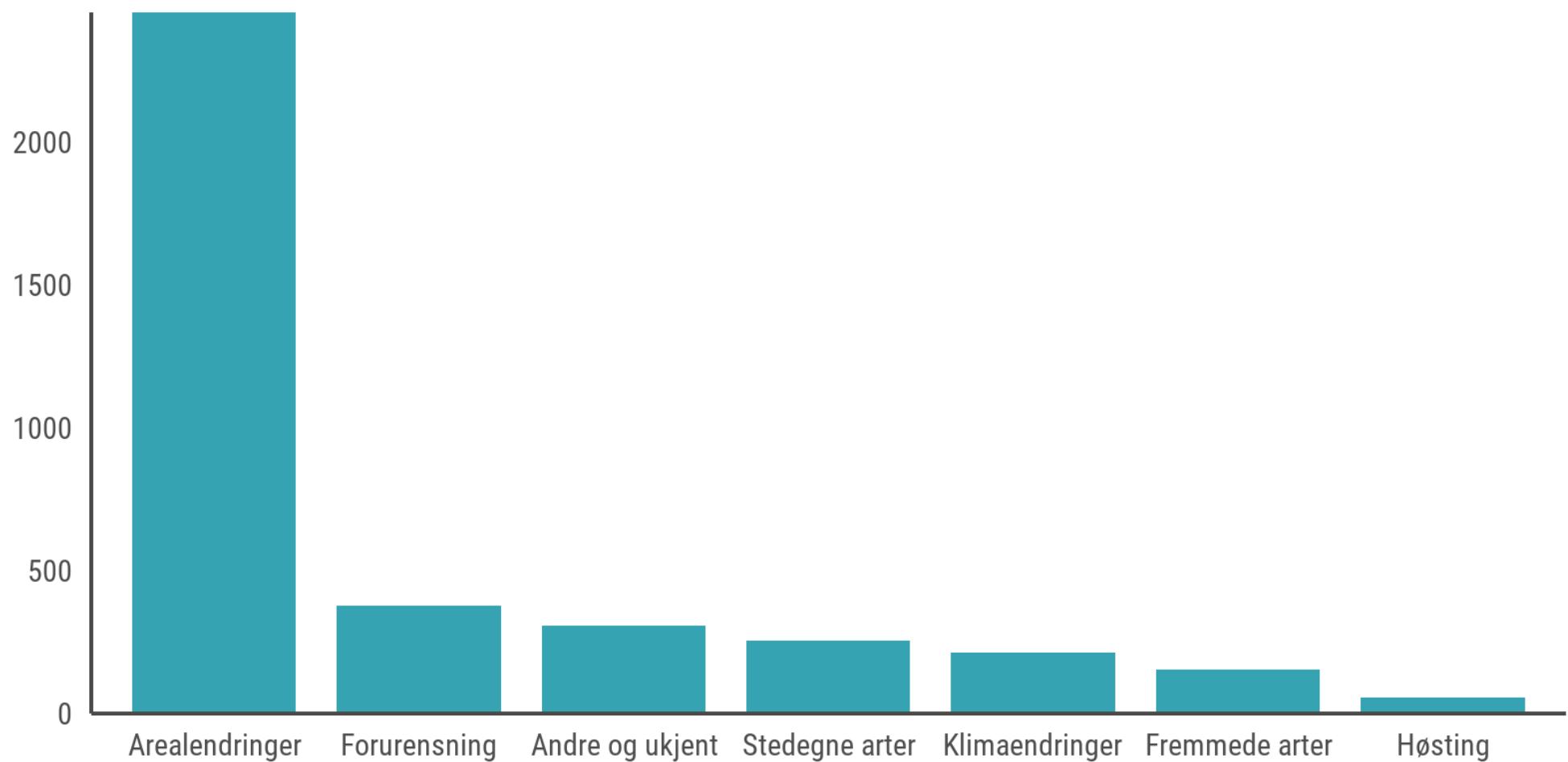




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Antall arter



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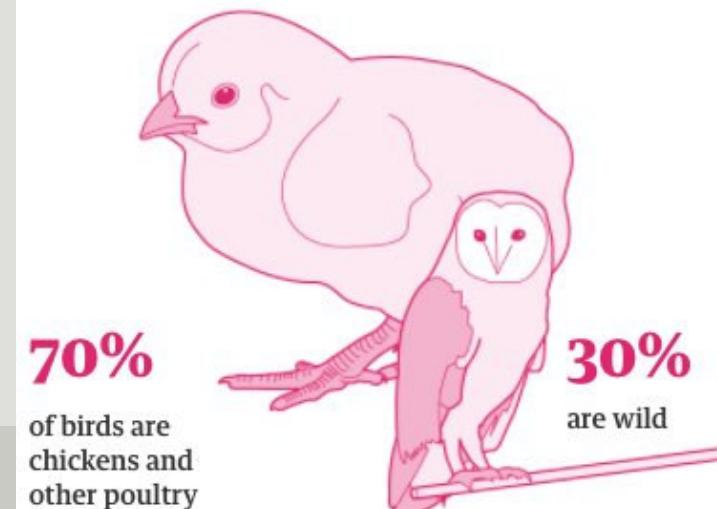
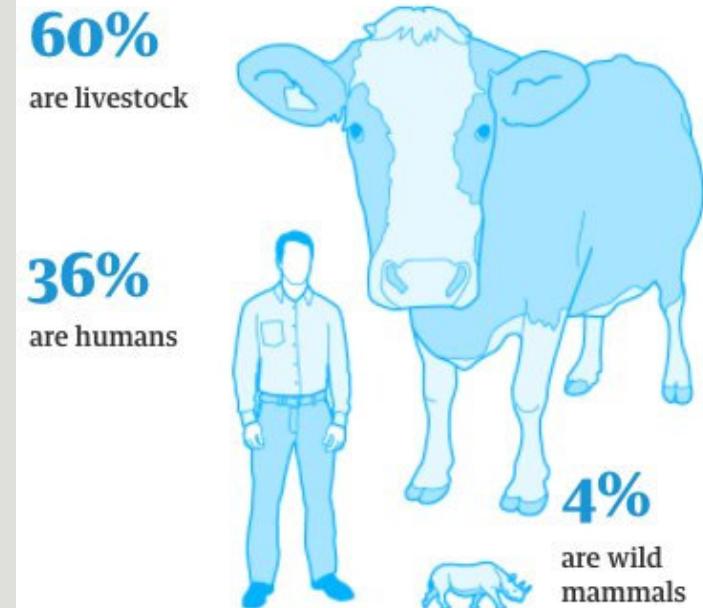
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Vi breiar oss.

Vi produserer materiale
som ikkje finnes i dei
naturlege kretsløpa.

Vi beslaglegg areal, vann og fotosyntese på bekostning av andre arter.



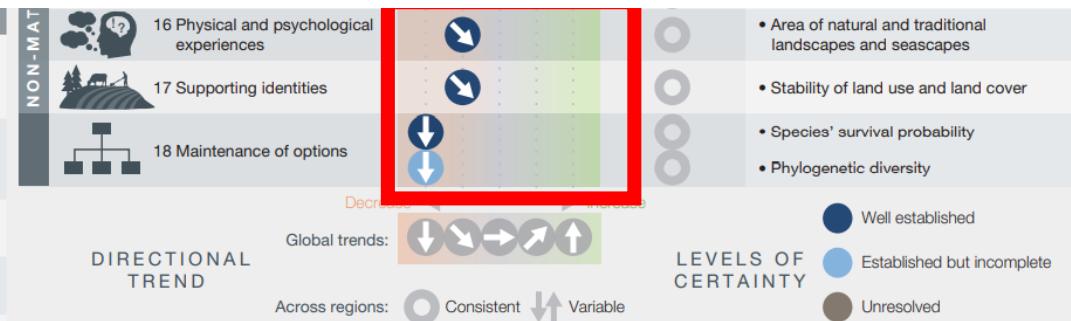


Figure SPM 1 Global trends in the capacity of nature to sustain contributions to good quality of life from 1970 to the present, which show a decline for 14 of the 18 categories of nature's contributions to people analysed.

Data supporting global trends and regional variations come from a systematic review of over 2,000 studies [2.3.5.1]. Indicators were selected on the basis of availability of global data, prior use in assessments and alignment with 18 categories. For many categories of nature's contributions, two indicators are included that show different aspects of nature's capacity to contribute to human well-being within that category. Indicators are defined so that an increase in the indicator is associated with an improvement in nature's contributions.

Livsgrunnlaget vårt blir svekka

IPBES (2019)



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Noreg si måloppnåing av FN sine berekraftsmål



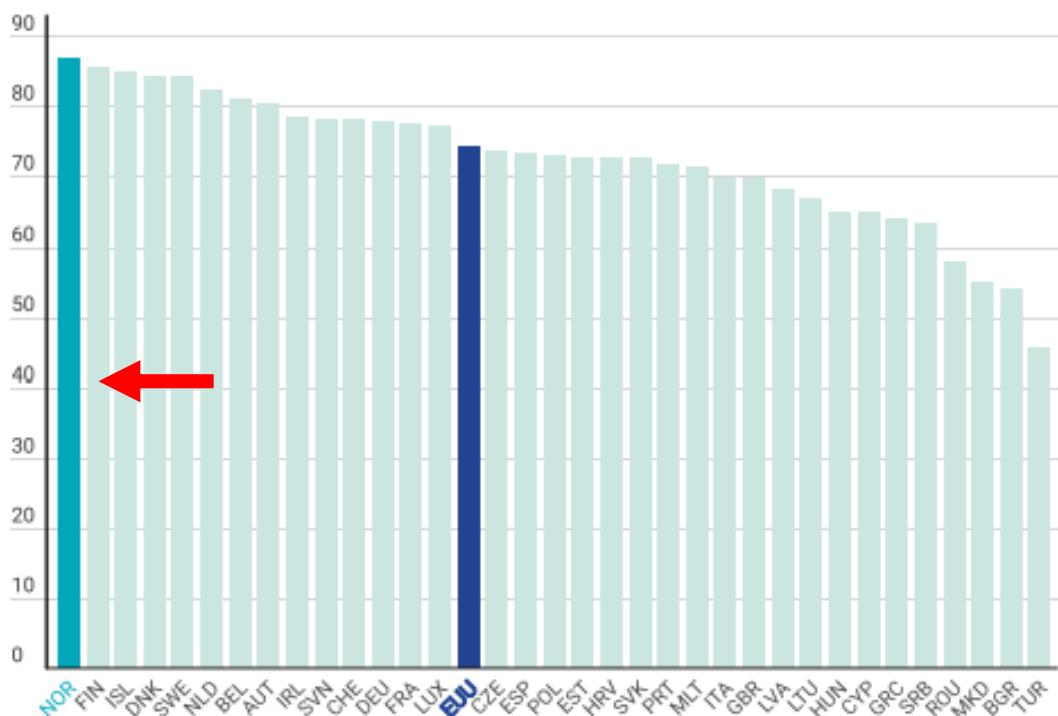
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Europe Sustainable Development Report 2021

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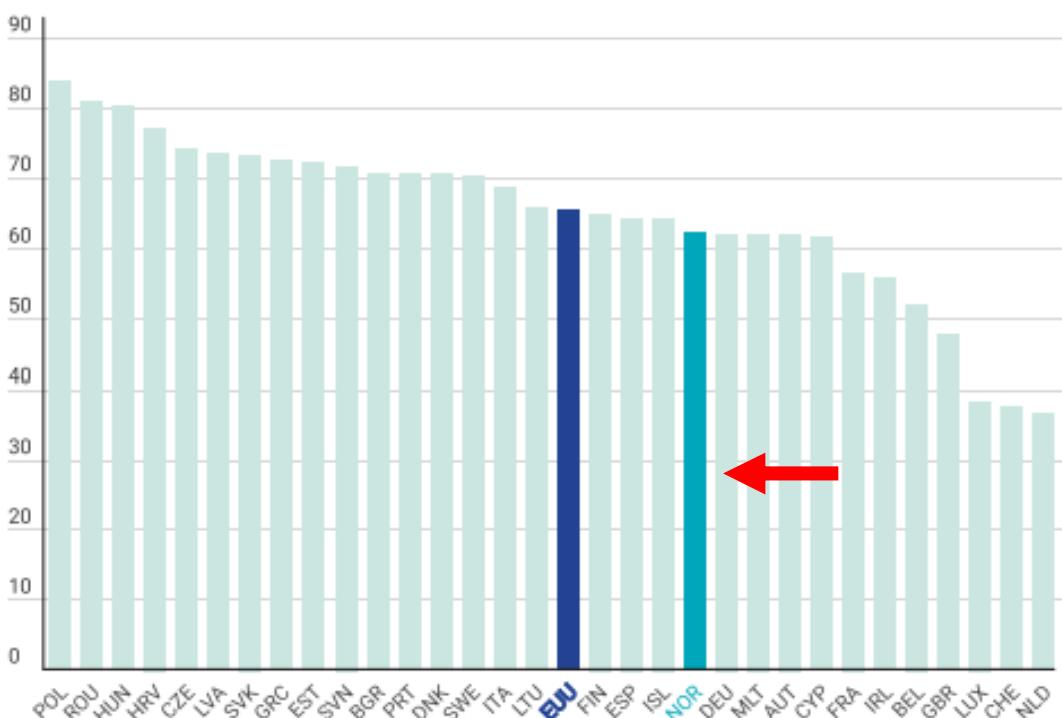
▼ Leave No One Behind Index

100 (best) to 0 (worst)



▼ Spillover Index

100 (best) to 0 (worst)



Notes: The full title of Goal 2 "Zero Hunger" is "End hunger, achieve food security and improved nutrition and promote sustainable agriculture". The full title of each SDG is available at: <https://sustainabledevelopment.un.org/topics/sustainabledevelopmentgoals>. Detailed results and methodology available online at <https://www.sdgindex.org/EU>



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Europe Sustainable Development Report 2021

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Voss 39,56 prosent av maksimal totalsum



Satser kommunen på natur



Beskytter kommunen naturen



Hva med alt vi ikke vet?



- Kommunene sammenlignes på 13 utvalgte vurderingskriterier med data fra 2020 og 2021.
- Sjekk gjerne ut naturkampen 2020 for fjorårets rangering.

SAMMENLIGN KOMMUNER



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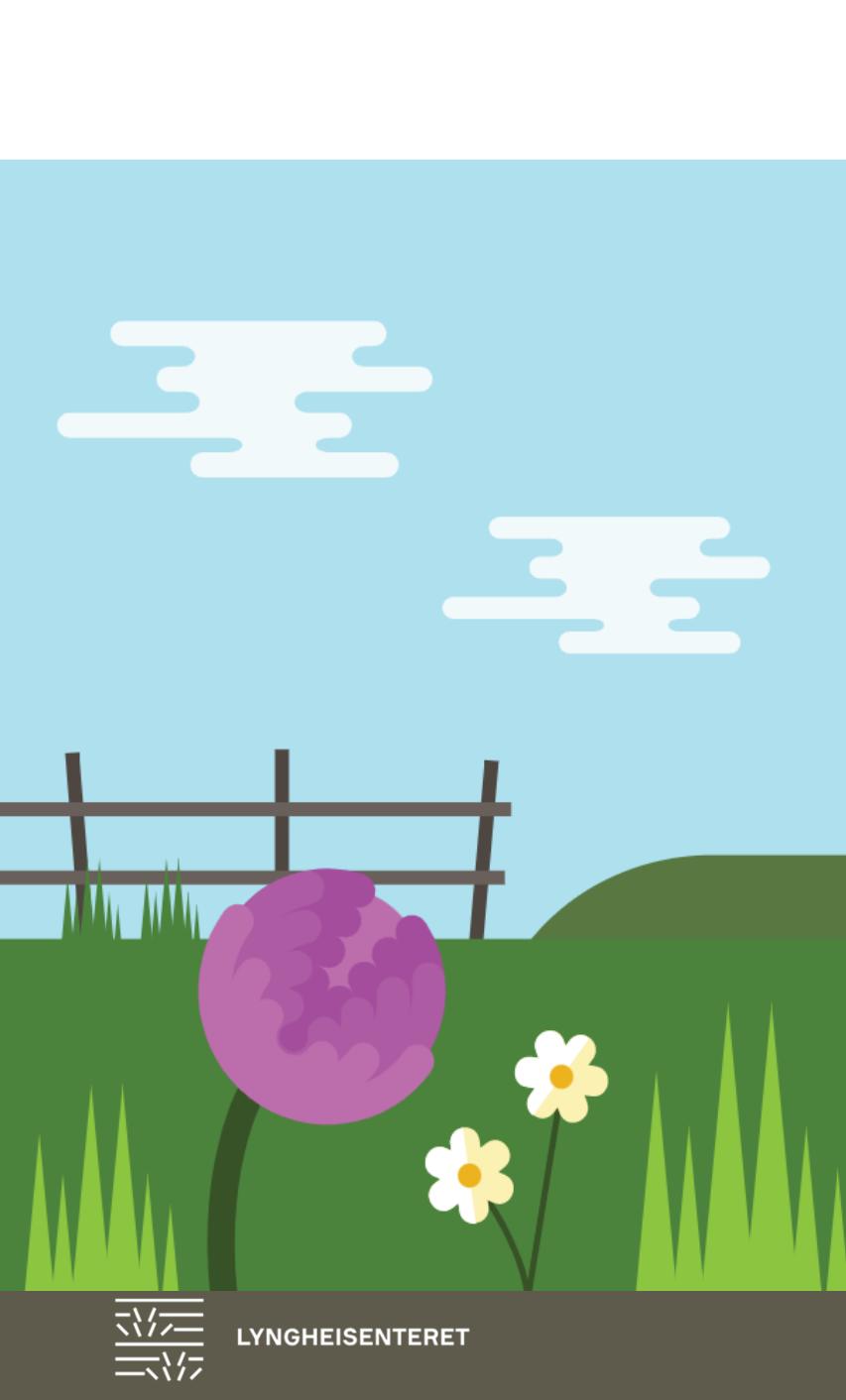
Voss kommune fekk ny arealplan i 2020

Men...

... manglar kommunedelplan for naturmangfold

... manglar reguleringsplanar for naturområder

... har ikkje mål om arealnøytralitet



Voss kommune fekk ny arealplan i 2020

Dessutan...

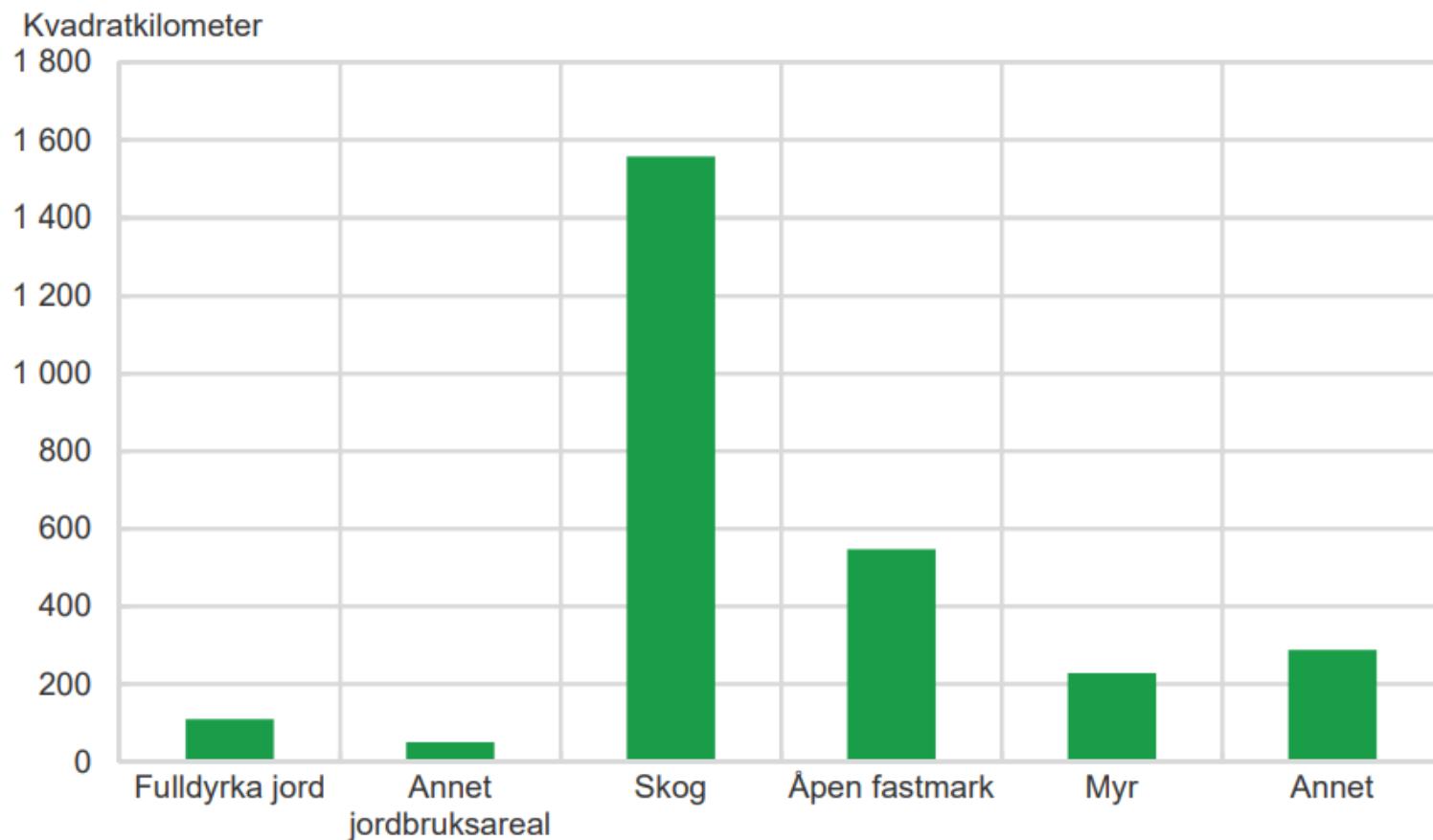
... utbygging på jordbruksareal

... dispensasjon til nydyrkning på myr og fastmark

... ein del dispensasjonar frå planen



Figur 6.1 Planlagt nedbygd areal, Norge digitalt arealplankartløsning 2019. 319 av 422 kommuner. Kvadratkilometer



Kilde: Statistisk sentralbyrå.



Og så då?



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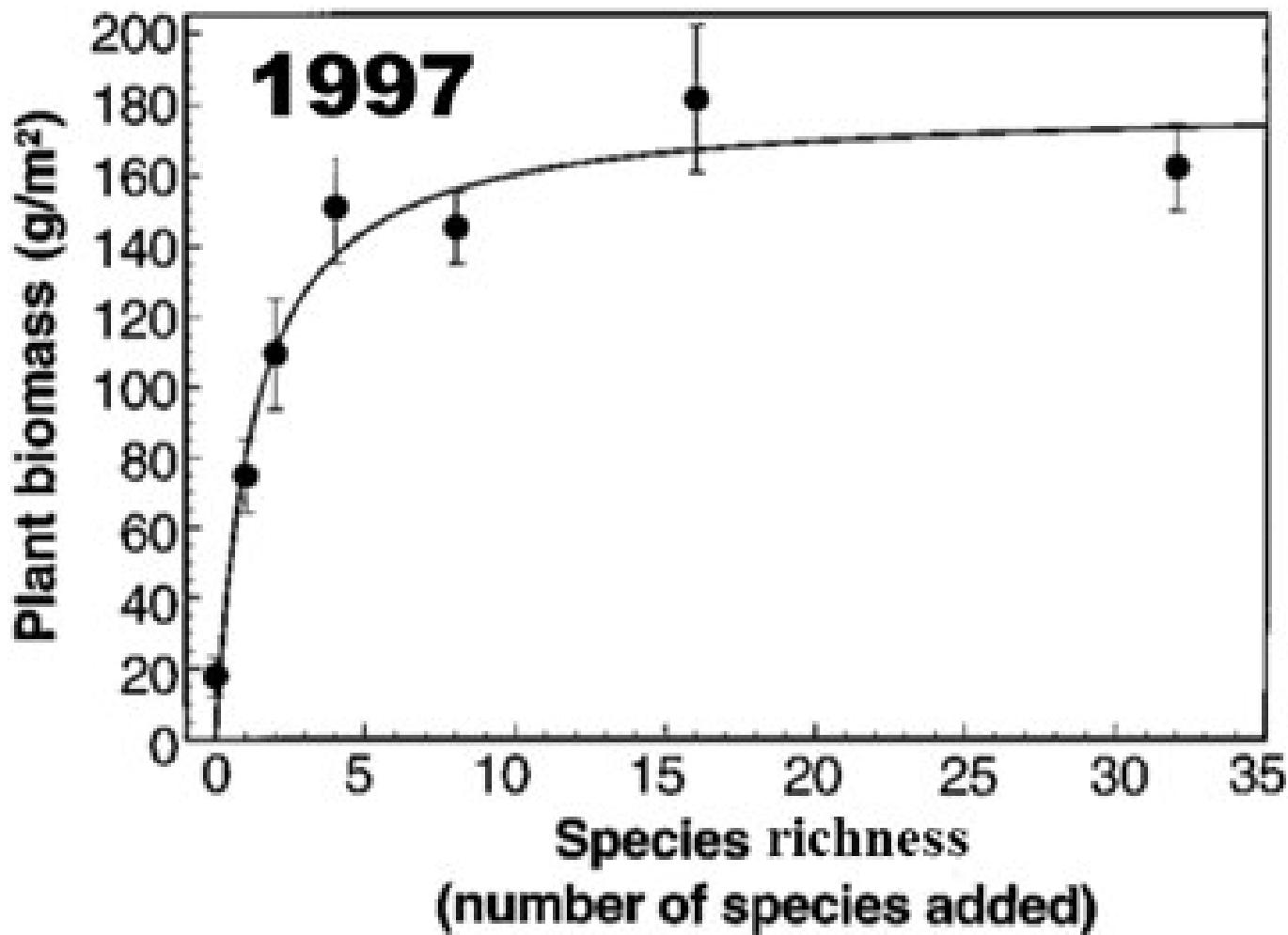
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«*The Big Biodiversity Experiment*», Cedar Creek, USA

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Tilman m.fl (1997) *Science*

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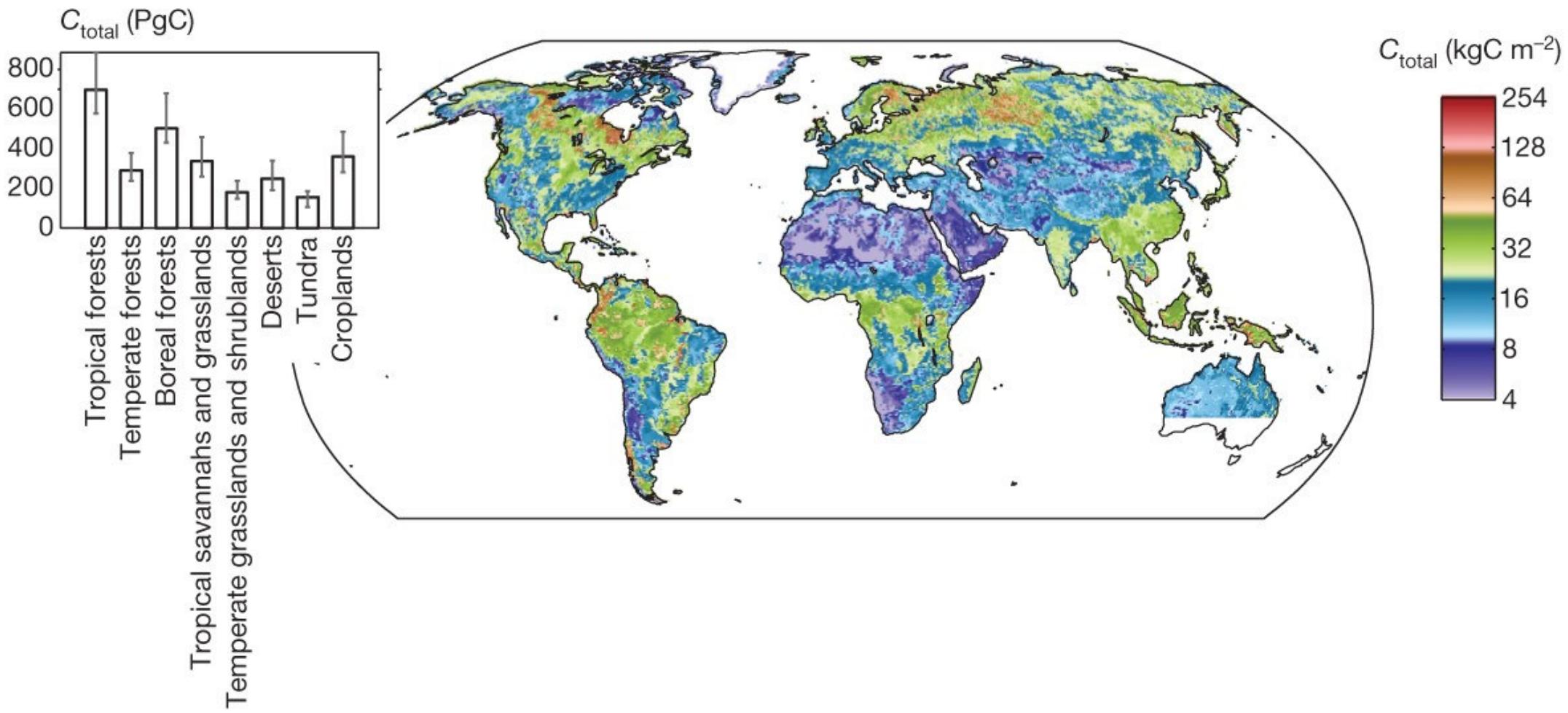
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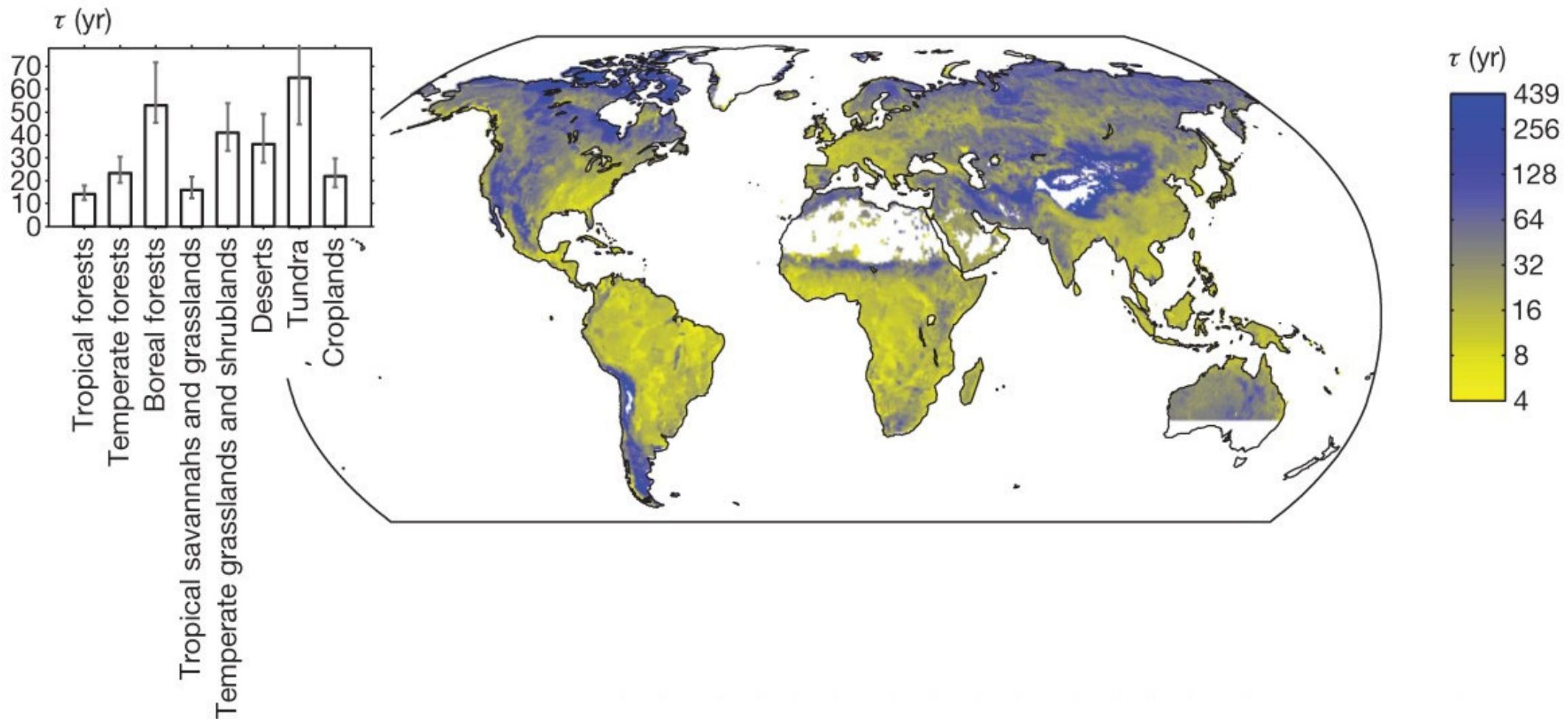
Vigdis Vandvik - juni 2020

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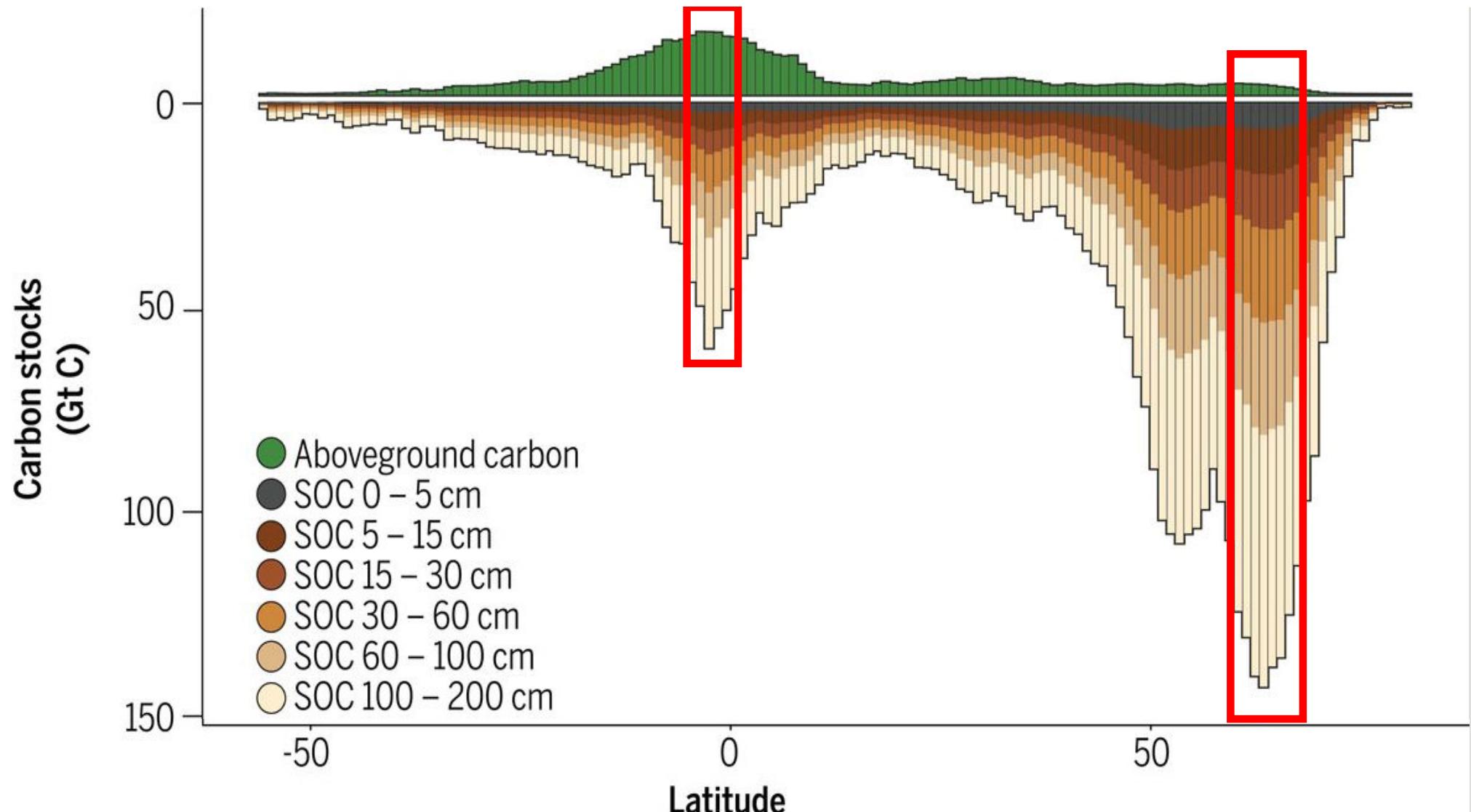
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Carvalhais m. fl. (2014) *Nature*M U
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b

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Carvalhais m. fl. (2014) *Nature*M U
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Crowther m. fl.
(2019) *Science*

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Ta vare på det du er glad i!



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