

# Sustainability @ SPAN

1<sup>st</sup> November 2019

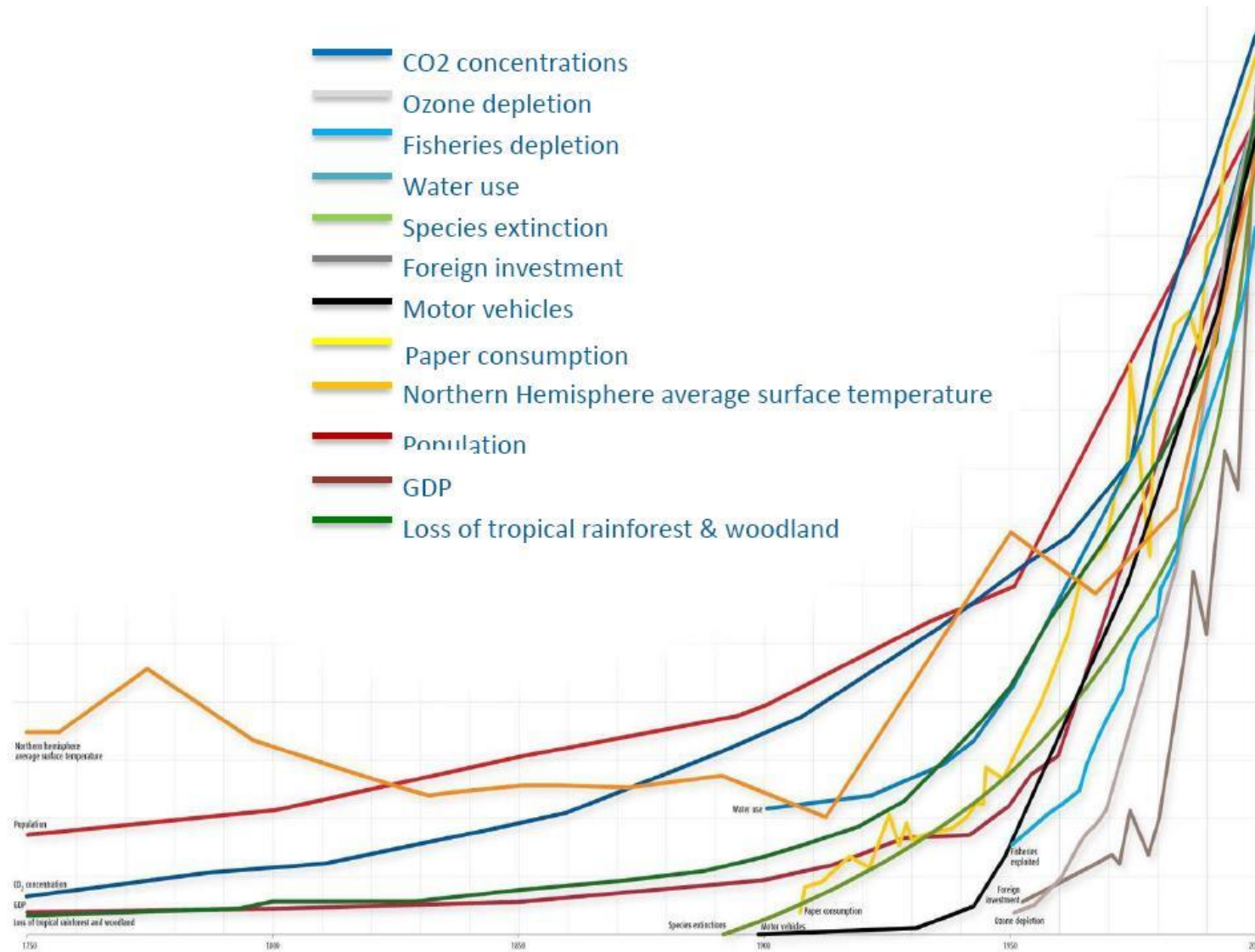
**Markus Hiemann**  
Sustainability Lead, NHS National Services Scotland



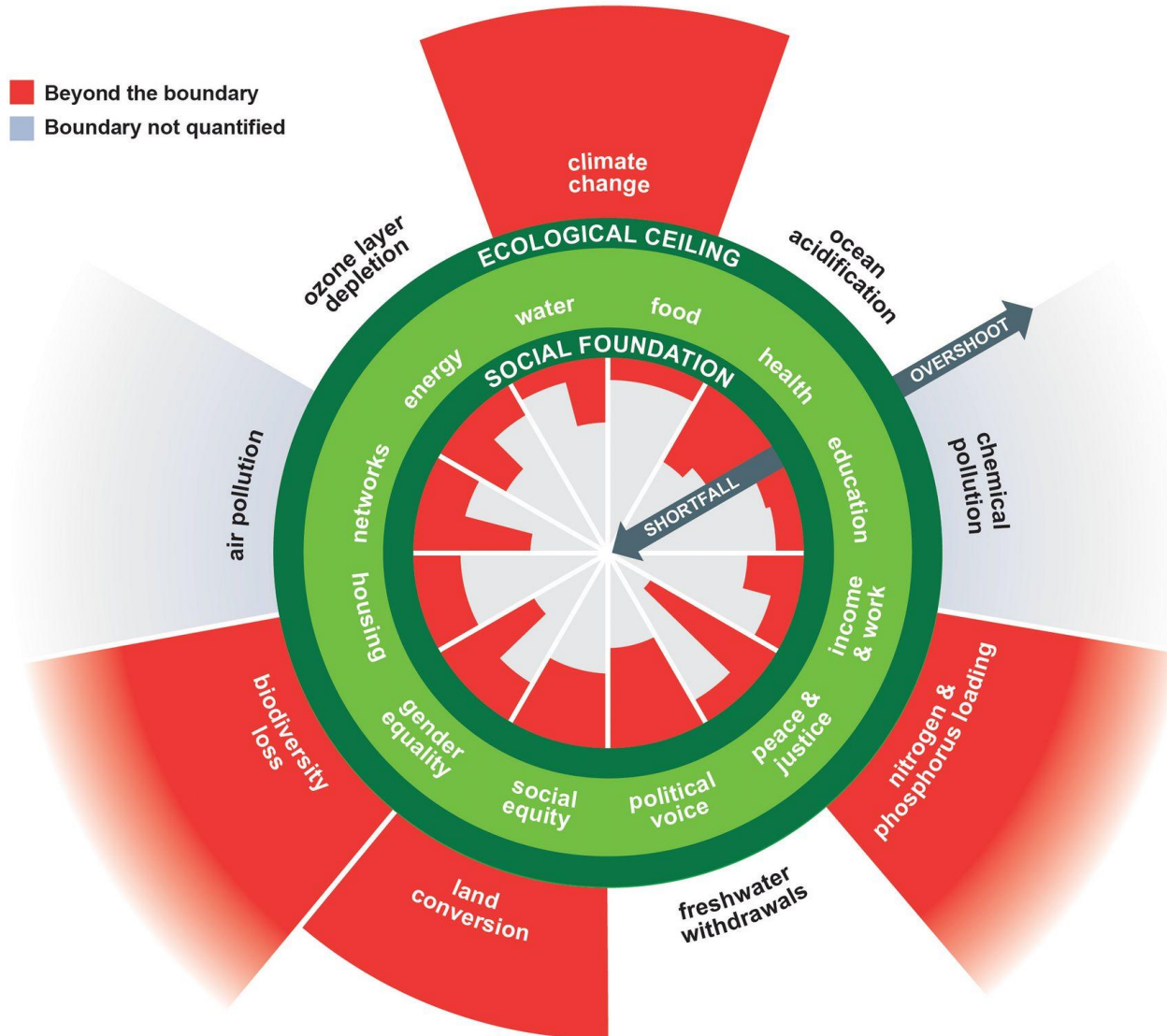




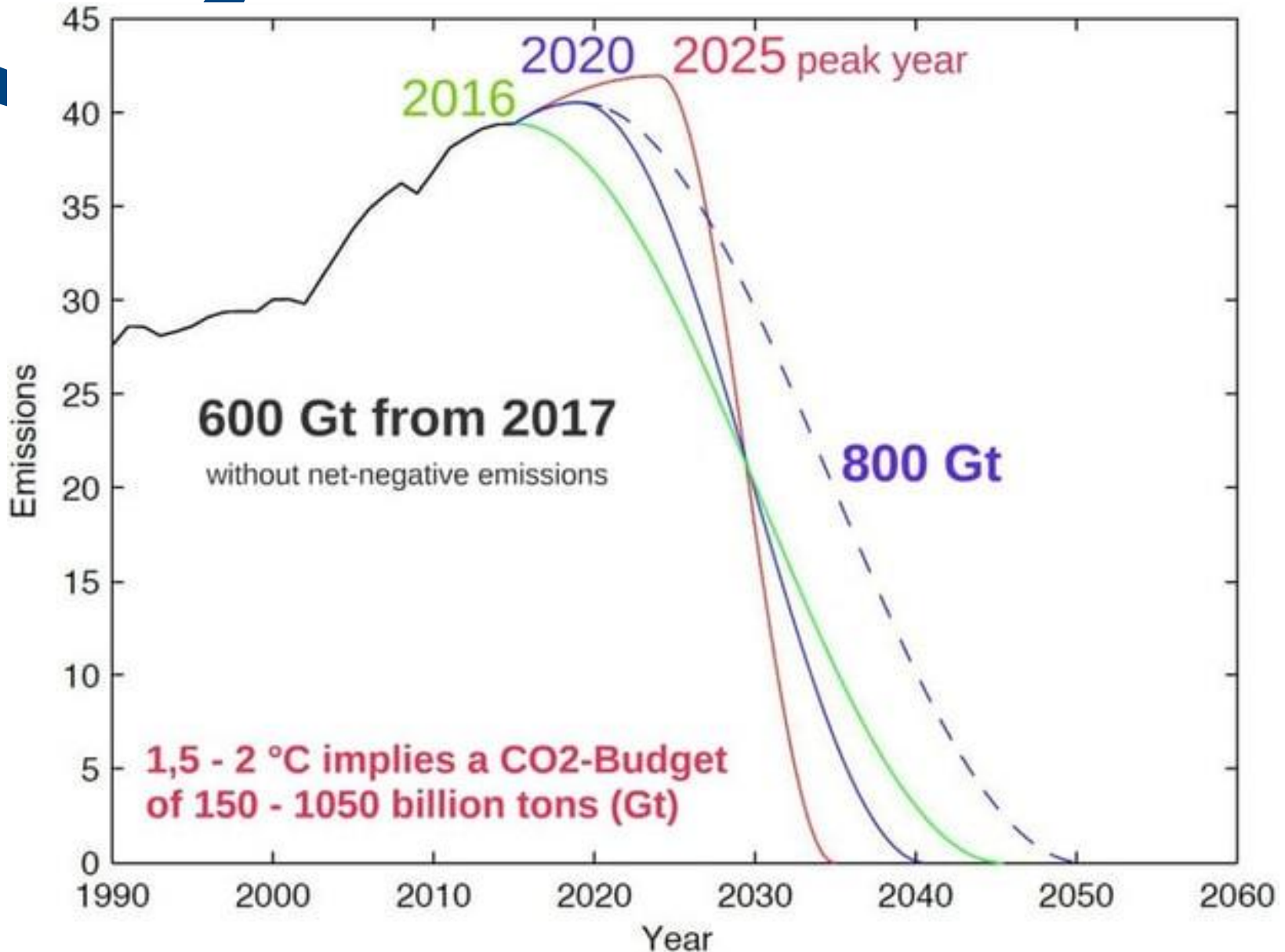
# The Great Acceleration 1750-2004



# Safe and just space for humanity



Source: Kate Raworth and Christian Guthrie/The Lancet Planetary Health





# Thousands of medical records lost in Aberdeen Royal Infirmary flooding

2 hours ago | NE Scotland, Orkney & Shetland



## Plastic particles falling out of sky with snow in Arctic

By Roger Harrabin  
BBC environment analyst

14 August 2019

f Share



## UK weather - live updates: Heatwave causes travel chaos as thunderstorms and heavy rain predicted

LIVE BLOG

Follow latest updates as all-time UK heat record could be broken and lightning, flash flooding and large hailstones predicted

Samuel Osborne | @SamuelOsborne93 | 1 hour ago | 1 comment



Like Click to follow The Independent Online

### Key Points

- Temperature records could tumble before huge thunderstorms strike Britain
- Motorists warned to expect travel disruption
- Heatwave was made twice as likely because of climate change, scientists conclude

Thousands of medical records were lost during flooding at Aberdeen Royal Infirmary earlier this year, NHS Grampian has revealed.

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Alzheimer's

## Toxic air pollution particles found in human brains

Detection of 'abundant' magnetite particles raises concerns because of suggested links to Alzheimer's disease

Damian Carrington

@dpcarrington

Monday 5 September 2016 20:00 BST



This article is 1 month old

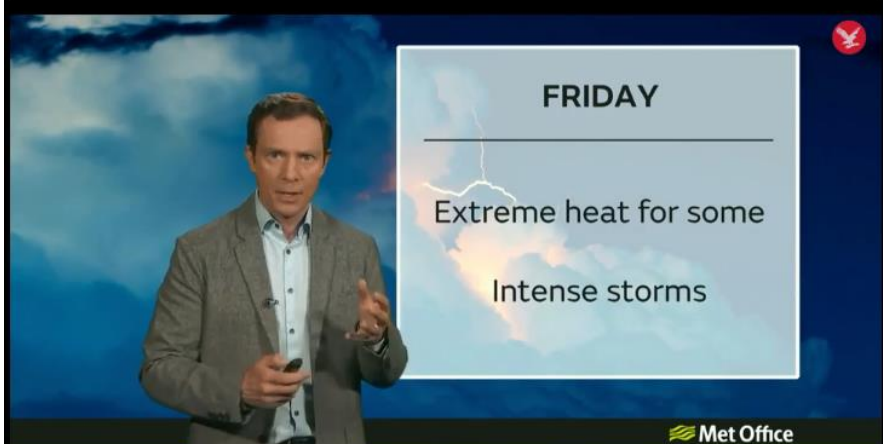
Comments

767

Save for later



The new study examined brain tissue from people in the UK and Mexico and found abundant particles of magnetite, an iron oxide. Photograph: Manuel Velasquez/Getty Images



# National Performance Framework



# National Performance Framework

<http://nationalperformance.gov.scot/>

## National Outcome

- National Indicators**
- Productivity
  - International exporting
  - Economic growth
  - Carbon footprint
  - Natural Capital
  - Greenhouse gas emissions
  - Access to superfast broadband
  - Spend on research and development
  - Income inequalities
  - Entrepreneurial activity

## Sustainable Development Goals

- Quality education
- Gender equality
- Affordable and clean energy
- Decent work and economic growth
- Industry, innovation and infrastructure
- Reduced inequalities
- Responsible consumption and production

## National Outcome

- National Indicators**
- A positive experience for people coming to Scotland
  - Scotland's reputation
  - Scotland's population
  - Trust in public organisations
  - International networks
  - Contribution of development support to other nations



# PRACTISING REALISTIC MEDICINE

## BUILD A PERSONALISED APPROACH TO CARE?



## CHANGE OUR STYLE TO SHARED DECISION MAKING?



## REDUCE UNWARRANTED VARIATION IN PRACTICE AND OUTCOMES?



## REDUCE UNWARRANTED VARIATION IN PRACTICE AND OUTCOMES?



# SUSTAINABLE DEVELOPMENT GOALS

<b>1 NO POVERTY</b> 	<b>2 ZERO HUNGER</b> 	<b>3 GOOD HEALTH AND WELL-BEING</b> 	<b>4 QUALITY EDUCATION</b> 	<b>5 GENDER EQUALITY</b> 	<b>6 CLEAN WATER AND SANITATION</b> 
<b>7 AFFORDABLE AND CLEAN ENERGY</b> 	<b>8 DECENT WORK AND ECONOMIC GROWTH</b> 	<b>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</b> 	<b>10 REDUCED INEQUALITIES</b> 	<b>11 SUSTAINABLE CITIES AND COMMUNITIES</b> 	<b>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</b> 
<b>13 CLIMATE ACTION</b> 	<b>14 LIFE BELOW WATER</b> 	<b>15 LIFE ON LAND</b> 	<b>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</b> 	<b>17 PARTNERSHIPS FOR THE GOALS</b> 	







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**IT'S PRETTY AMAZING THAT  
OUR SOCIETY HAS REACHED A POINT  
WHERE THE EFFORT NECESSARY TO**

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**EXTRACT OIL FROM THE GROUND,  
SHIP IT TO A REFINERY,  
TURN IT INTO PLASTIC,  
SHAPE IT APPROPRIATELY,  
TRUCK IT TO A STORE,  
BUY IT, AND BRING IT HOME**

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**IS CONSIDERED TO BE LESS EFFORT THAN WHAT IT TAKES  
TO JUST WASH THE SPOON WHEN YOU'RE DONE WITH IT.**

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# SUSTAINABILITY ACTION

Our NHS Our People Our Planet



**SUSTAINABILITY  
ACTION**

# Our NHS Our People Our Planet

LITTLE CHANGES CAN  
MAKE A BIG DIFFERENCE.

**NHS**  
Ayrshire  
& Arran

## MIXED RECYCLING PLEASE

STILL NOT SURE?  
CHECK OUT THE POSTERS  
ABOVE THE BINS

Our NHS Our People Our Planet

**SUSTAINABILITY  
ACTION**



Every Friday, I miss classes to sit outside my country's parliament. I will continue to do so until leaders come into line with the Paris agreement

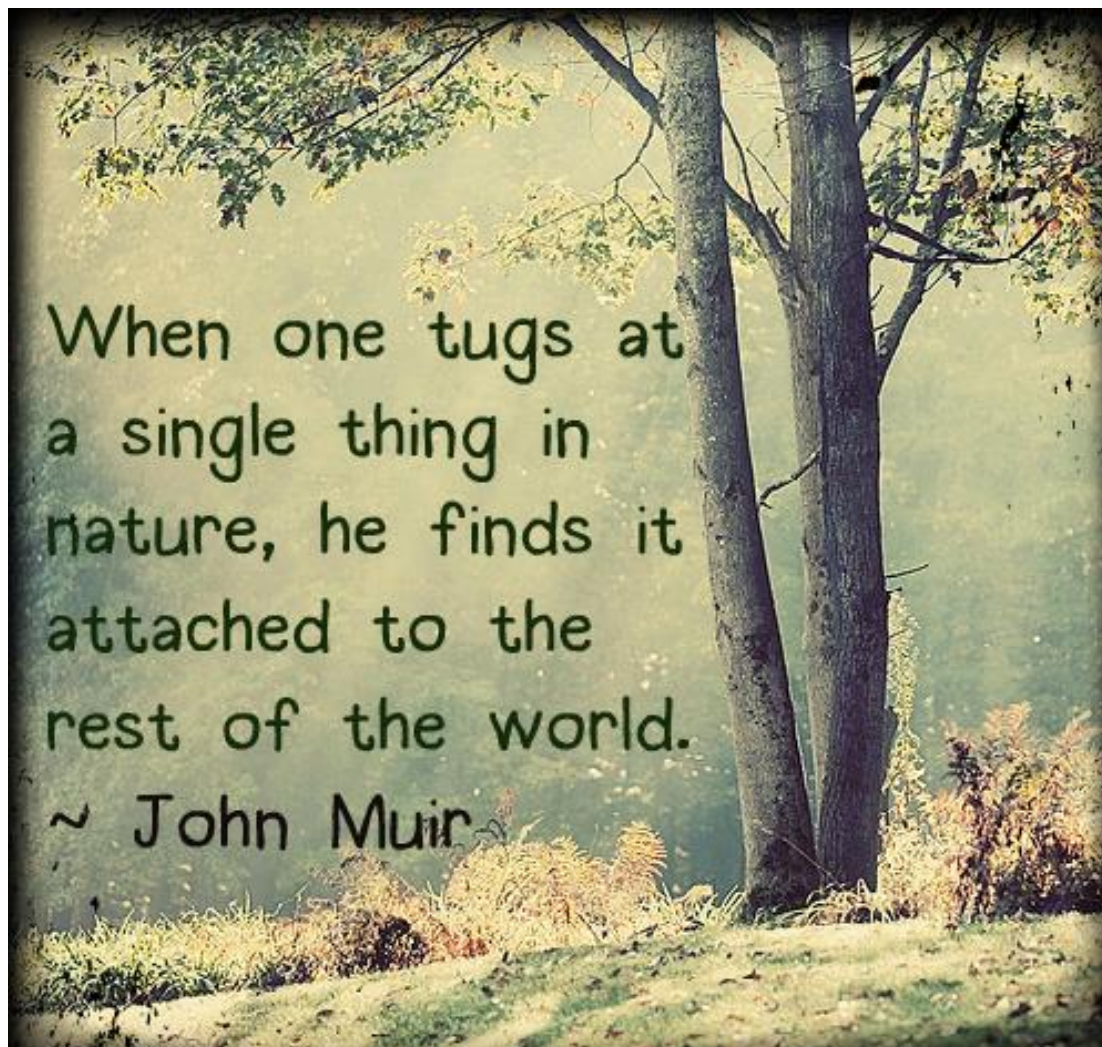
- On Tuesday from 4pm-6.30pm Guardian Australia will run [#MyClimateQuestions](#), a live online Q&A for school students and young Australians



▲ Greta Thunberg is leading a school strike and sits outside of the Swedish Parliament, in an effort to force politicians to act on climate change. Photograph: Michael Campanella/The Guardian







When one tugs at  
a single thing in  
nature, he finds it  
attached to the  
rest of the world.  
~ John Muir

# Thank You

Questions, comments, suggestions, etc to:

E: [markus.hiemann@nhs.net](mailto:markus.hiemann@nhs.net) / [NSS.Sustainability@nhs.net](mailto:NSS.Sustainability@nhs.net)

T: 0131 275 6389

M: 0776 992 4562



<https://uk.linkedin.com/in/markushiemann>



@MarkusHiemann

## Mobilise!



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