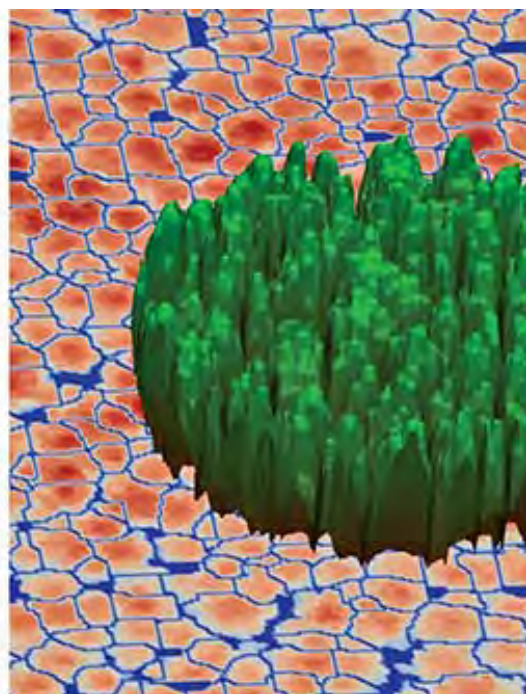
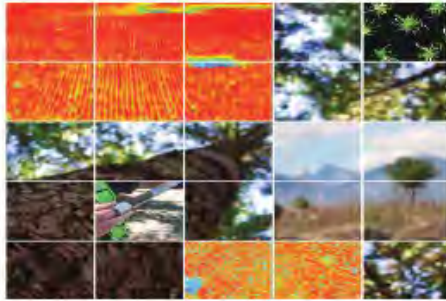


What lies ahead? Planning for future research programmes

Peter Clinton 29 March 2017, Dunedin



New Zealand Forest Growers' 2015 Science and Innovation Plan



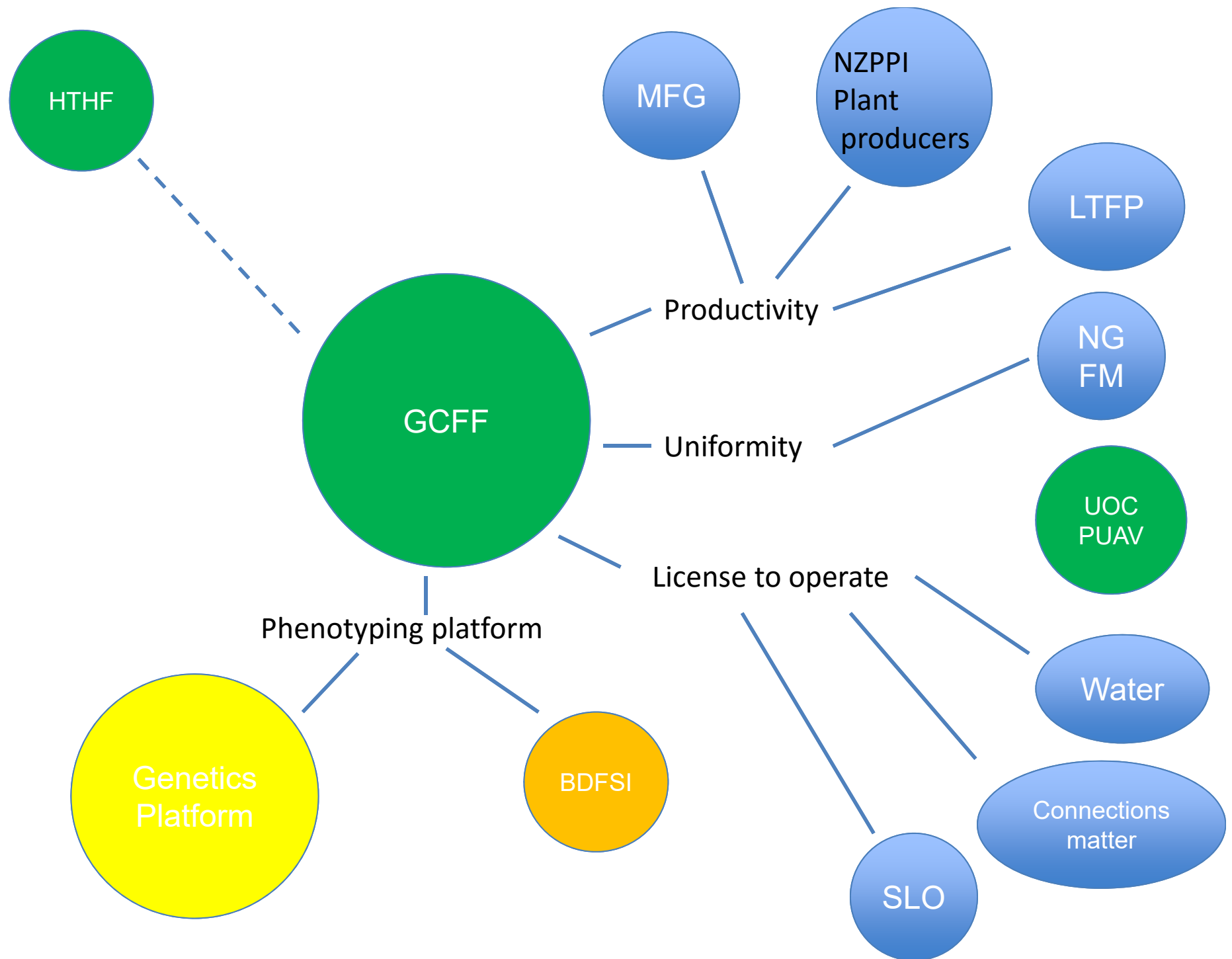
Research and development to
increase the profitability and sustainability of
the New Zealand forest-growing sector

November 2015

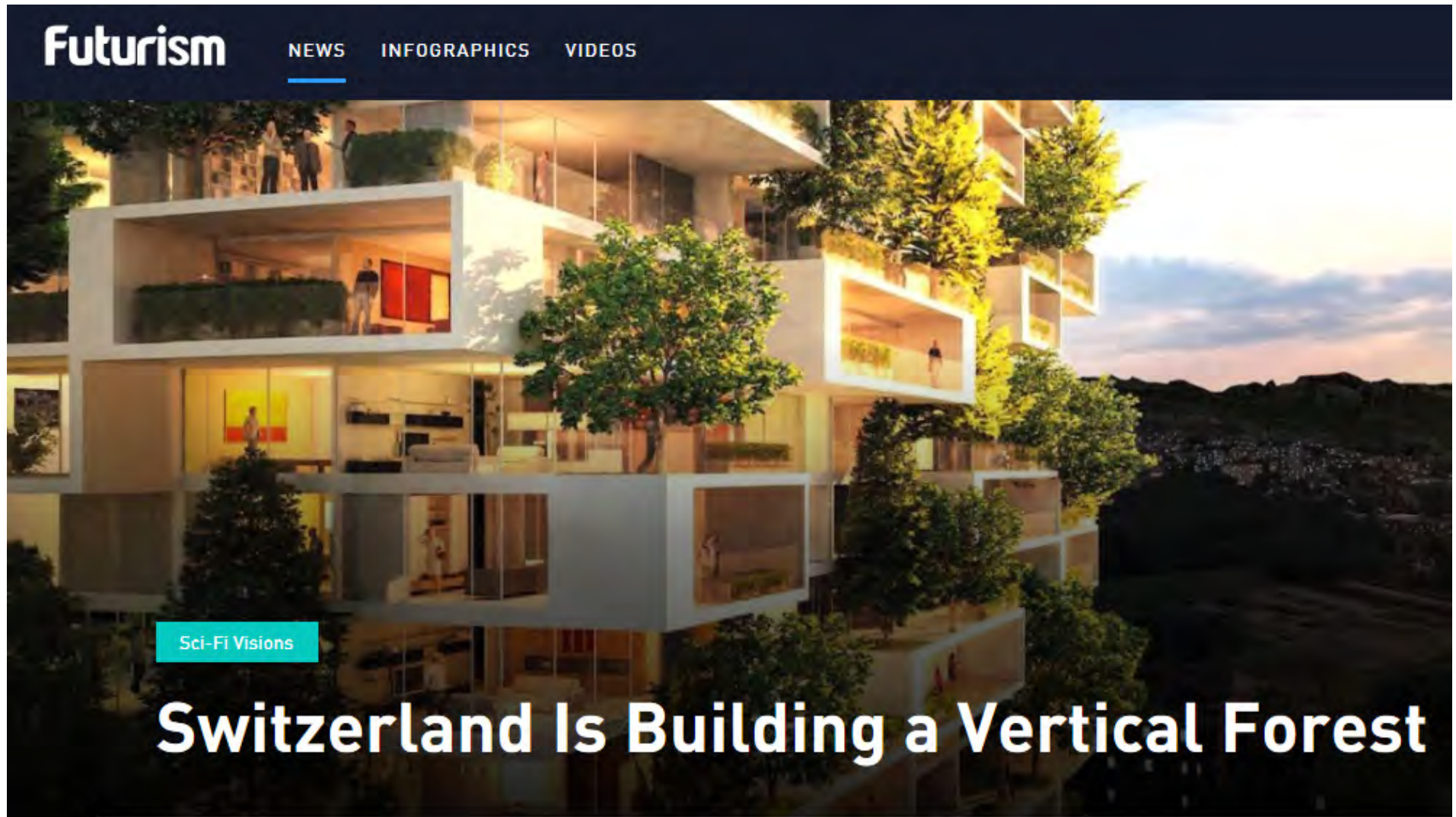


- Protect forest assets and markets from adverse factors
- Improve productivity and uniformity
- Sustain and enhance forestry's license to operate
- Ensure species options for diversity of sites and markets
- Improve efficiency and safety in operations and supply chain logistics





What do we want the future to look like?



So many things to
consider.....





OECD Environmental Performance Reviews
New Zealand 2017

Simon Upton
OECD Environment Director



Net zero ⁱⁿ New Zealand

Scenarios to achieve domestic
emissions neutrality in the
second half of the century

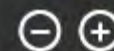
Summary report

Report prepared for GLOBE-NZ

March 2017



C1 (1 of 52)

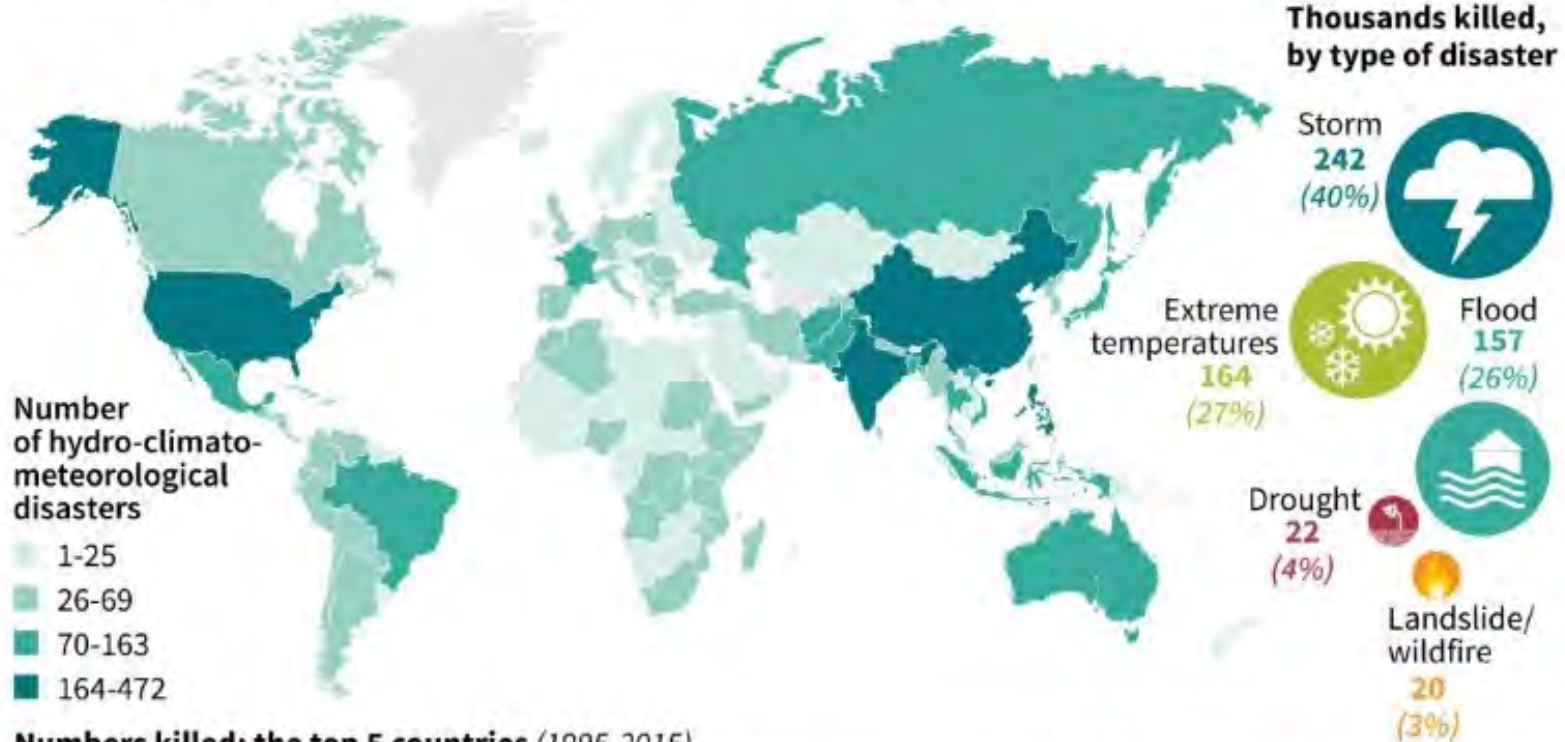


: vivid economics

How important is Climate change?

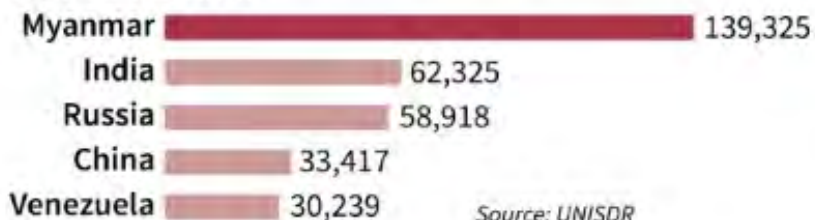
Two decades of weather-related disasters

Numbers of catastrophes and the worst-hit countries (1995-2015)

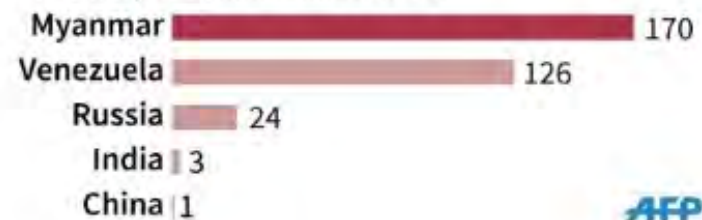


Numbers killed: the top 5 countries (1995-2015)

Number of deaths



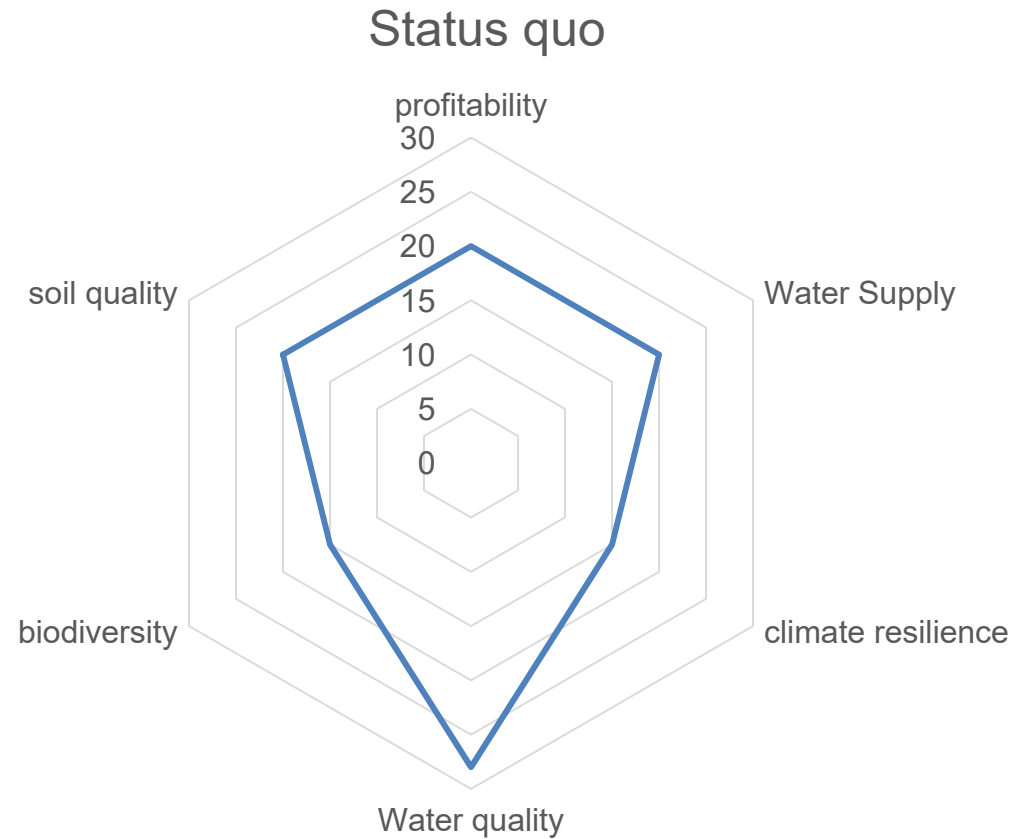
Deaths per million inhabitants



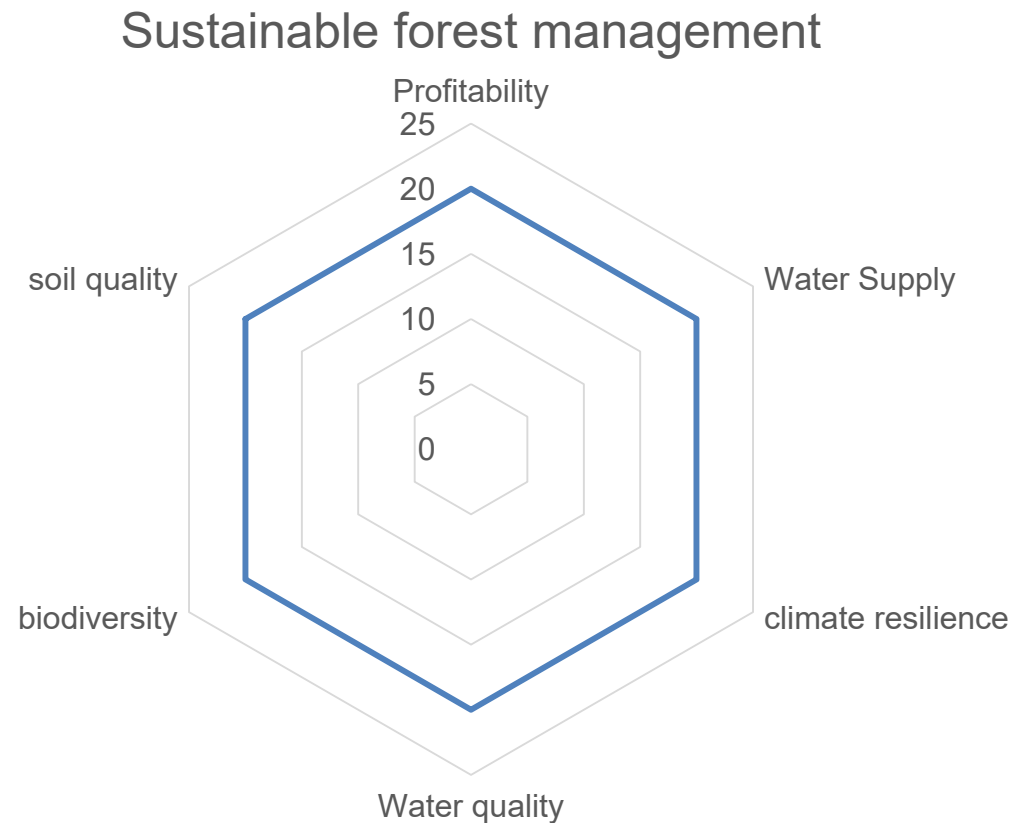
Source: UNISDR

AFP

Forest systems under Pressure: intensification, climate change and their interactions



Forest systems under Pressure: intensification, climate change and their interactions



What research will be required to ensure ongoing sustainable forest management?

Time to be bold

- Recognise value of research outside the current research envelope (beyond our comfort zone).
- Disruptive technologies but how do we carry out disruptive research?
- Need to redefine our envelope of comfortable research and go beyond the margins



Process time line

- March 2017 - now
- April 2017 Bid Development (Connections matter, SLO, Water, ????)
- March 2018 (Bids submitted)
- April 2018 Detailed consultation begins on post GCFF
- September 2018 productivity and uniformity summit, any successful new bids would start
- ?? Vote on levy extension
- February 2019 review draft proposal
- March 2019 bids submitted
- September 2019 GCFF wind up and new programme/s start

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30 March 2017