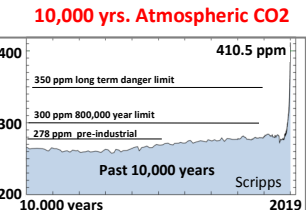
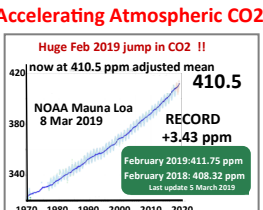
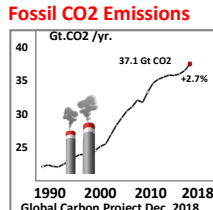
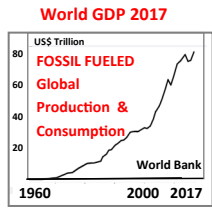


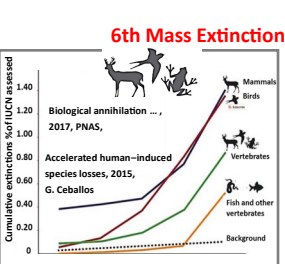
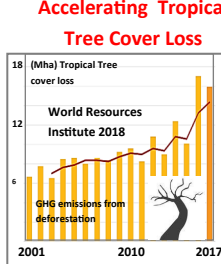
Earth Emergency Data Trends: March 2019

ALL GETTING WORSE FASTER
Trending To Biosphere Collapse

Greenhouse Gases



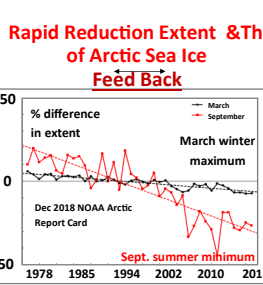
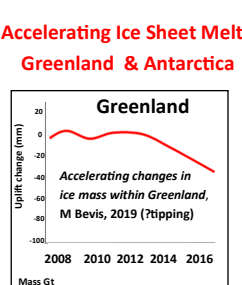
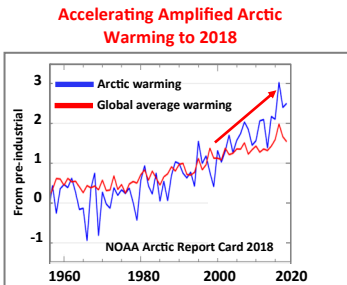
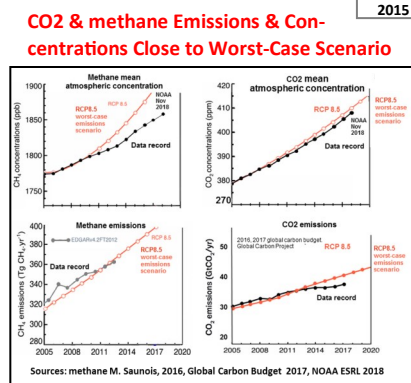
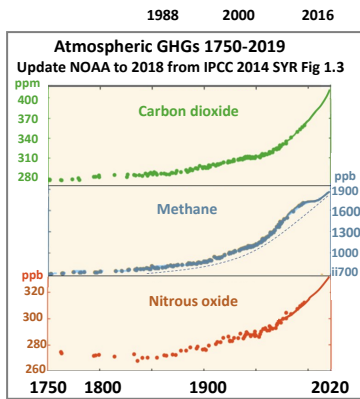
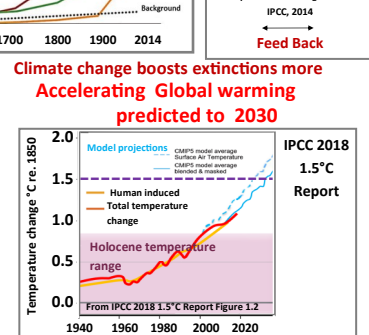
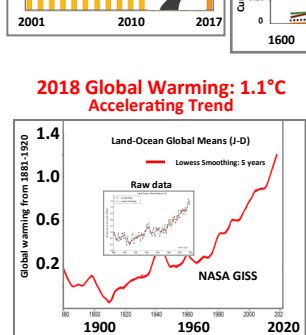
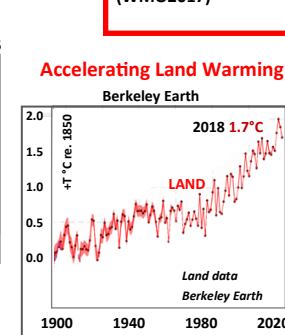
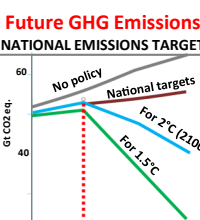
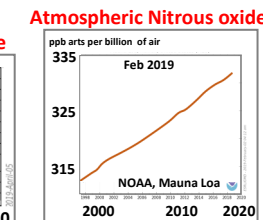
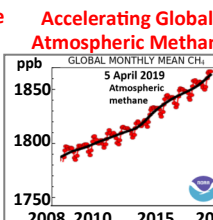
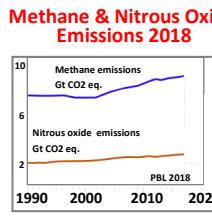
Atmospheric CO2 is at an abrupt 3-5 million year high, accelerating at a rate with no past precedent. (WMO2017)



Mass Insect Die-off
Massive global insect decline -40% F. Sanchez-Bayo, Jan 2019

Climatic forest die-back
Increased tree mortality & forest die-back on all continents - temperature & drought stress' IPCC, 2014

Feedback



Arctic Permafrost Feed Back

Arctic carbon sink switched to source
Thawing permafrost releases carbon into the atmosphere, ...
Overall tundra is presently releasing net carbon into the atmosphere.
NOAA Arctic Report Card 2016

Conclusion
TRENDING AT ACCELERATING RATE TO BIOSPHERE COLLAPSE. The adverse indicators continue to accelerate, including atmospheric CO2 (huge record jump Jan – March 2019), recent methane, ocean heat, global surface warming, sea level rise, and ocean acidification (ocean health is essential to land species survival). CO2 and methane are near the worst-case scenario. The national emissions targets are a global death sentence of 3.2°C by 2100, which is over 4°C by 2300 (excluding feedback warming). The state of the Arctic presents an enormous risk of multi-feedback runaway (hothouse Earth).

