Addressing the Challenge of Climate Change: Seeking Synergy with the Challenges of Aging Populations and Automation
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Existential threat and significant challenge to national security.
IPCC2008: global warming should not exceed 1.5°C of which 1°C has already occurred. Recent record high worldwide average temperatures and severe weather events adds urgency.

Other challenges:
1. Decreasing % in labor force. Aging population due to increased life expectancy and declining birth rate.
2. 4th industrial revolution: automation and AI rapidly replace routine components of manufacturing and service jobs.

Getting to 1.5°C: significant reductions on average while per capita emissions and population in “developing” countries increase.

Presented at ICCS 2020 July 2020

Climate change
Challenges: Global warming Per cap CO₂ emission × Population growth Aging Automation Conclusions

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