

## African Climate Summit Second.

African Climate Summit held in Addis Ababa, Ethiopia is considered as a milestone for Africa's climate resilience efforts. Despite of all debt burdens and financial constraints, they called for accelerating the Global Climate Change solutions and did not play the role of victims. ~~but as responsible~~ This allowed them to showcase their arable land, young productive youth, mangroves, forests, wetlands, untapped resources and minerals. They want to invest in renewable energy sources, energy and power related projects. Their efforts for climate resilience are appreciable. Africans acting as responsible citizens, will mitigate the effects and causes of climate vulnerability.



## Deterrence by Cyber Attacks,

Deterrence mean to stop someone from attacking by threatening them of unwanted consequences. This deterrence is becoming new normal as states continue to be <sup>rate</sup> hegemonic in this world. Now kinetic operations are less considered ~~for~~ against enemy as it causes direct war and attacks from the victim on aggressor. Aggressors are moving toward covert cyber attacks to remain unrevealed. These cyber attacks ruined not only military communications but also energy producing areas which leads to darkness. AI and cyber attacks are becoming compulsory part of military training as it has very devastating impacts on enemy's infrastructure, communication satellites, eroding trust on military, causing unrest for civilians. These attackers are used proxies, botnets which makes it hard to find them. Credibility, attribution and escalation are three main factors that increase the vulnerability of AI & cyber attack if not regulated properly. Deterrence is new trend as China, US are in this race of making cyber weapons that can destroy satellites in seconds. Counterattacks are also unpredictable as the cyber attacks are not reflecting the severeness in enemy's action. So, To counter attack, one may use Nuclear weapon to destroy ground forces, Infrastructure. The Damage is very ambiguous due to ambiguous doctrines that donot properly define or explain the response to cyber attacks. So there must be clarification regarding escalation thresholds to avoid accidental or miscalculated attacks, Regulation of autonomous weapons to ~~stop~~ prevent unwanted consequences and technical innovation with disciplined judgement must be promoted.

tax - 45%. federal revenue.