Autonomous Weapon System: Benefits, challenges and way Forward

1. Introduction

2. Definition of Autonomous Weapon System

3. Benefits of Autonomous Weapon System

3.1. Enhancement of Military Capabilities

3.1.1. Acting as a Force Multiplier

3.1.2. Expanding Battle field

3.1.3. Effective Striking Strength

3.2. Effective Operational Powers

3.2.1. Fast and Effective Decisions

3.2.2. Easy Control System

Try to write in academic language

3.3. Economic Advantages

3.3.1. low Operating Cost

3.3.2. less Infrastructural Damages

3.4. Less Safety Concerns

3.4.1. less Soldier Deaths

3.4.2. lower Pilots Deaths

4. Challenges of Autonomous Weapon System

4.1. Ethical and Legal Problems

4.1.1. ~~Uninvolvement~~ of Human *(Non involvement of)*

4.1.2. Lack of Accountability and Responsibility

4.1.3. Lack of Predictability

Avoid redundancy of expression

4.2. Humanitarian Concerns

4.2.1. Loss of life

4.2.2. Increase in Vulnerabilities of Populat...

4.2.3. Attacking Wrong Targets

4.3. Unanticipated Circumstances

4.3.1. System Failures

4.3.2. Adversial Hacking

4.3.3. Detraction from Enviroment

4.4. Political Fragmentation

4.5. Access to Terrorists

5. Solution to the Threats of Autonomous Weapons

    5.1. Prohibition and Regulation of AWS

    5.2. Establishment of New International Rules

    5.3. Adopting of New Legal Bindings

    5.4. Complying with International Humanitarian laws

6. Conclusion

The Emergence of Autonomous Weapon System (AWS) marks a significant shift in global warfare capabilities by offering both potential ~~challenges~~ benefits and significant challenges. Autonomous Weapon System refers to the weapons that use ~~free~~ Artificial Intelligence (AI) to identify, select and kill target without human intervention. International Committee of Red Crecent (ICRC) defines Autonomous Weapon System as, "Any weapon system with autonomy in its critical function, can select and attack target without human involvement." However, the benefits of Autonomous Weapon System are several including enhancement of military Capabilities, effective operation powers, economic advantages and less safety concerns. Despite ~~the~~ their benefits

Good in basic writing

In warfare, these weapons pose significant challenges including ethical and legal problems, humanitarian concerns, unanticipated circumstances, political fragmentation and access to terrorists. While implementation of effective policies such as prohibition and regulation of Autonomous Weapon system, establishment of new International rules, adoptation of new legal bindings, can reduce the risk associated with AWS. In short, Autonomous Weapon system is a Artificial Intelligence (AI) run weapon system which has both the benefits and challenges.

Kindly try to write in your own words and with short sentences