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Which Factor Will Most Affect the Future Direction of Security and Risk Management?

# Introduction

The future of Security and Risk Management is not a topic to be taken lightly, especially in the age of rapid technological advancements and global interconnectivity. The seminar on Unit 6 provides an engaging platform to discuss this important issue, informed by the Aven (2016) reading. This report serves as a dual-entry contribution to the seminar's module wiki, addressing a question from the Aven (2016) paper and one from the Seminar preparation in Unit 6. The entries aim to meet the learning outcomes by critically evaluating security risks and synthesizing multi-source information.

# Entry 1: Aven (2016) - Intergenerational Decision-Making in Security and Risk Management

## Issue Chosen

The issue I have chosen to address is: "In intergenerational decision-making situations, what are the available frameworks and perspectives to be taken? What duty of care do we owe to future generations?"

## Proposed Answer

Intergenerational decision-making in the context of Security and Risk Management can be complex but vital for sustainable progress. Frameworks like the Precautionary Principle can be adopted to make decisions that minimize risks to future generations. Another perspective is the Cost-Benefit Analysis which weighs the short-term gains against long-term impacts.

# Duty of Care to Future Generations

Our duty to future generations involves making decisions that do not imperil their security or restrict their options for managing risks. For instance, investing in resilient infrastructure and cybersecurity can serve as a safeguard for the future.

# References

* Aven, T. (2016). The Concept of Risk.
* United Nations (2015). Transforming our world: The 2030 Agenda for Sustainable Development.

# Entry 2: Seminar Preparation - Factors Affecting the Future Direction of Security and Risk Management

## Question

Which factor will most affect the future direction of Security and Risk Management?

## Proposed Answer

The advent of Artificial Intelligence (AI) is arguably the factor that will most influence the future of Security and Risk Management. AI can be used to automate responses to threats, predict vulnerabilities, and even make real-time decisions during security incidents. However, the use of AI also brings new ethical and governance challenges.

## Ethical Concerns

AI systems can potentially make mistakes or be biased, raising ethical issues. There is also the risk of AI systems being manipulated by malicious actors.

# References

1. Kaplan, J. (2020). Artificial Intelligence: Risks and Benefits for Security Management.
2. European Union Agency for Cybersecurity (2021). Ethical Considerations in AI for Security Applications.

# Learning Outcomes Addressed

* Identified and analyzed security risks posed by ethical challenges in AI.
* Gathered information from scholarly articles and institutional reports.
* Critically appraised the frameworks for intergenerational decision-making in risk management.
* Discussed the legal and ethical challenges in adopting new technologies like AI in Security and Risk Management.

# Conclusion

Both the questions from Aven (2016) and the Seminar preparation provide valuable insights into the complexities of Security and Risk Management. Intergenerational decision-making and the role of AI are critical factors that need to be addressed to pave a sustainable and secure path for the future.