



Online Ethics Center  
FOR ENGINEERING AND SCIENCE

# Emerging and Readily Available Technologies and National Security: A Framework for Addressing Ethical, Legal, and Societal Issues

## Author(s)

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## Description

Emerging and Readily Available Technologies and National Security is a study on the ethical, legal, and societal issues relating to the research on, development of, and use of rapidly changing technologies with low barriers of entry that have potential military application, such as information technologies, synthetic biology, and nanotechnology. The report also considers the ethical issues associated with robotics and autonomous systems, prosthetics and human enhancement, and cyber weapons.

## Body

Link to the National Academies Report [Emerging and Readily Available Technologies and National Security](#).

## Rights

Use of Materials on the OEC

## Resource Type

Expert Reports

## **Parent Collection**

The National Academies Press: Consensus Study Reports

## **Topics**

Artificial Intelligence and Robotics

Confidentiality

Conflict of Interest

Controversies

Data Management

Dual Use Research

Emerging Technologies

Governance

Human Enhancement

Human Rights

Human Subjects Research

Law and Public Policy

Military and Defense Research

Privacy and Surveillance

Responsible Innovation

Risk

Safety

Security

Social and Political Conflict

Social Responsibility

## **Discipline(s)**

Computer, Math, and Physical Sciences

Engineering

International Perspectives

Life and Environmental Sciences

Research Ethics

Social and Behavioral Sciences

## **Publisher**

National Academies Press