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Future of Peace and Security: Interlinkages in a Complex World



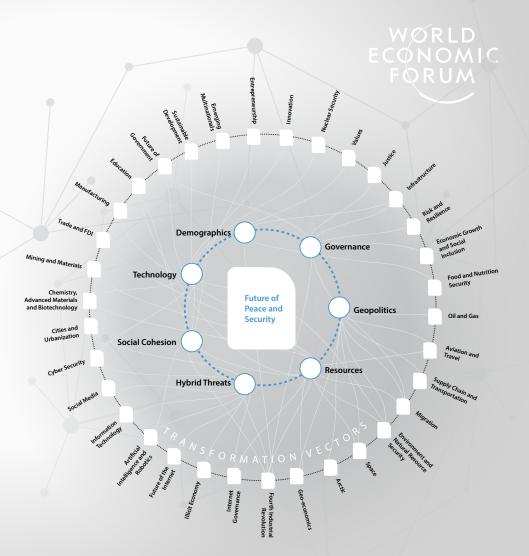
Future of Peace and Security

Interlinkages in a Complex World

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How do we renew our commitment to peace? Proceeding from international calamity to calamity, people are left increasingly pessimistic about the future of international security and the ability of states to respond. Surveying the current state of peace and security, the landscape looks bleak: wars rage across the Middle East, tensions simmer in Asia, parts of Africa sees an upsurge in political violence, and millions of people are fleeing their homes. The European integration project is in the midst of its largest crisis to date and the global governance system is under pressure. A wave of terrorist attacks across the world and the "weaponization" of economic policies and opening access to lethal technologies are globalizing and democratising the battlefield. The uncertainty that has become a feature of our time shows no sign of letting up.

Among the main dimensions characterising today's peace and security landscape, seven drivers in particular stand out:



Demographics

Urbanisation, people on the move and youth bulges are impacting international security and are the ultimate stress-test to existing governance models

Large-scale movements of people globally, especially from countries affected by conflict, is revealing profound vulnerabilities in our response and governance systems. The upgrading of the "built environment" with network technology (e.g. the Internet of Things) is importing a new range of vulnerabilities. Mass urbanisation and the concentration of productive industry in urban areas increases the importance of fostering and strengthening the role of cities as frontline responders to security threats.

Food and Nutrition Security Future of Peace and Security Infrastructure

Economic Growth and Social Inclusion

Environment and Natural Resource Security Fourth Industrial Revolution

Resources

Growing competition over access to resources in increasing tensions

Geo-economics

Strategic competition between states increases the likelihood that geopolitical influence will be brought to bear on the market mechanisms that allocate resources. Meanwhile, technological innovation will change patterns of demand for resources, creating winners and losers among resource dependent economies.

Climate change is also likely to intensify conflict over some resources. Finally, extraction and delivery of resources is threatened by general instability or a reversal of globalization. Mining and Metals

Manufacturing

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Fourth Industrial Revolution

Chemistry, Advanced Materials and Biotechnology



Trade and FDI

Governance

Poor governance, corruption and short-sighted leadership are limiting growth and destabilizing societies

Justice

Technological and social changes are moving at a pace that leaves established political and regulatory institutions unable to function effectively. Confidence in the international system is waning – while demands on preventive actions are increasing: the difficulty of achieving consensus and the lack of a common platform and narrative of what's at stake compounds the challenge of governing global public goods and managing globalization. Future of Government WØRLD ECONOMIC FORUM

Migration

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Infrastructure

Risk and Resilience

Social Cohesion

Feelings of social exclusion, mistrust and marginalization are threatening social stability

The erosion of people's sense of common identity with the state, or re-direction of loyalty to other communities, carries the potential for major systemic disruption in the field of peace and security. The effects of growing inequality in industrialized and emerging economies will be felt across many issue areas, including security. The role of the city, as a "common ground" actor, will become more important.

Future of Government

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Education

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Migration

Emerging Multinationals

Geopolitics

Competition among powers for political and economic influence is raising tensions

The general consensus of the immediate post-Cold War era is giving way to a form of international relations based on a competitive view of states' interests and divergent visions of the global hierarchy. As states contend using a mixture of diplomatic, financial, commercial and military means, the line between competition and conflict is increasingly blurred. Technological innovations are laying the foundation for new "arms races" that aggravate the risks to geopolitical stability.

Space

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Aviation and Travel

Arctic

Migration

Supply Chain and Transportation

Technology

Emerging technologies are creating security challenges, but also providing opportunities to solve them

The Fourth Industrial Revolution will change the scale and character of conflict. Technological innovations often have dual (military and civil) uses, causing proliferation problems and challenging the monopoly of states on the legitimate use of force. As technology extends humankind's reach into new regions like the seabed and space, the avoidance of conflicts depends on equally rapid advances in governance and normative structures.

Chemistry, Advanced Materials and Biotechnology Nuclear Security

Peace and Security

Future of

Innovation

Space

Values

Artificial Intelligence and Robotics

Hybrid Threats

Changing threat scenarios are arising from a more interconnected world

Hybrid modes of conflict seek to get around established laws and conventions of war by blurring the distinctions between military and civilian actors, and take advantage of deniable or proxy forces in order avoid the cost of open warfare and escalation. Rapid technological advances in the information domain are facilitating these changes in the Social Media conduct of warfare. For example, an aggressor exploits the lack of trust in established governance structures by manipulating social media in cyberspace. The result is to confuse and manipulate perceptions and narratives in ways that undermine the adversary, but also inflict long term damage on social cohesion and the ability to govern in the common interest.

> Artificial Intelligence and Robotics

Information Technology

Future of the Internet



Peace and Security

Future of

Illicit Economy

Internet Governance

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