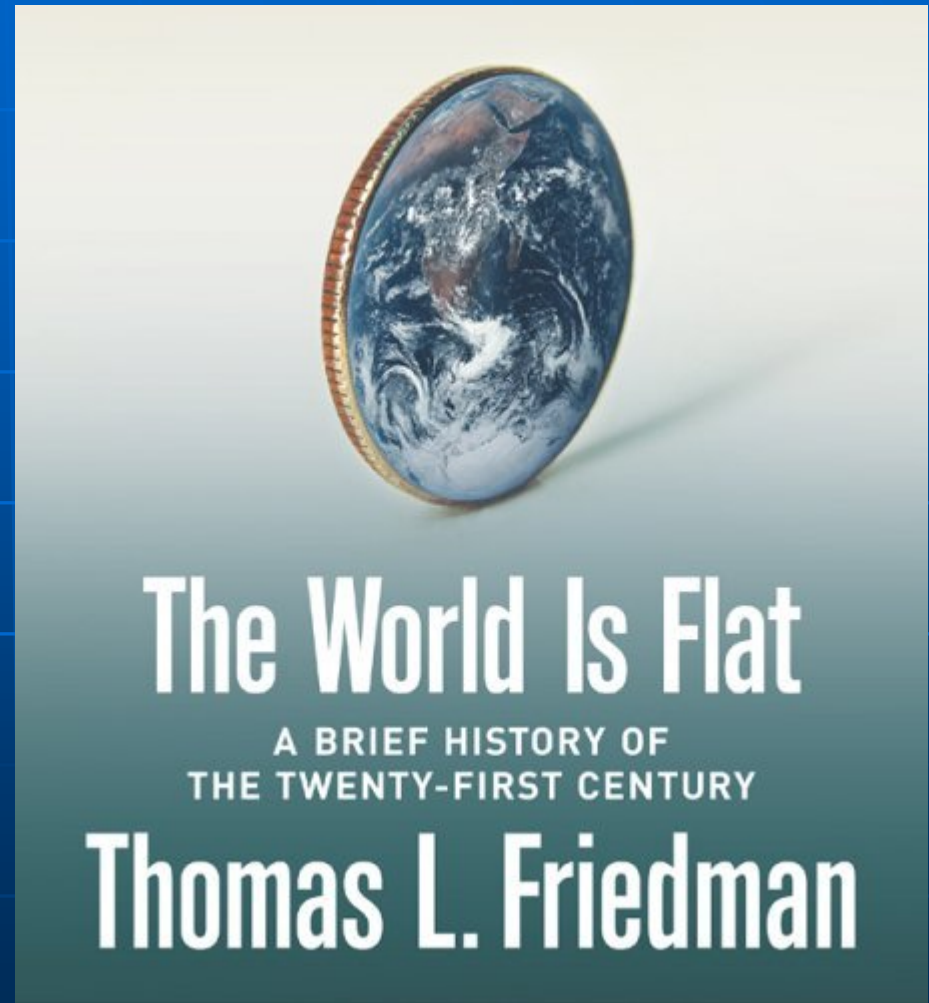


Intelligence Science & Technology in a Flat World



NIC 2020 Project

NATIONAL INTELLIGENCE COUNCIL

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Report of the National Intelligence Council's 2020 Project
Based on Consultations With Nongovernmental Experts Around the World

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http://www.dni.gov/nic_globaltrend2020.html 10/27/2006

- “We see globalization – growing interconnectedness reflected in the expanded flows of information, technology, capital, goods, services, and people throughout the world – as an overarching ‘megatrend,’ a force so ubiquitous that it will substantially shape all the other major trends in the world of 2020.”

Did you know?



A History of IC Adaptation

	1900-1946	1947-1991	1992-2020
	<p>Great Power Competition "Geopolitical"</p>  <p>"Balance of Power"</p> <p>"Territory, Resources and Markets"</p>	<p>Bipolar Competition "Geostrategic"</p>  <p>"Deterrence and Containment"</p> <p>"Influence, Alliances and Ideology"</p>	<p>Globalization "Geeconomic"</p>  <p>"Global Integration and Quarantine"</p> <p>"Knowledge, Information, and Investment"</p>
Changing Strategic Context	<p>Internal Combustion Engine, Aircraft and Radio</p>  <p>Mass Production (Steel, Electricity, Heavy Engineering, Chemistry)</p> <p>Anarchism, Socialism, Fascism</p> <p>Heavy Artillery, Gas, Airplane, Tanks ("Maneuver Warfare")</p>	<p>Nuclear Technology, Space and Electronics</p>  <p>Mass Consumption (Consumer Goods, Aerospace, Electronics, Services)</p> <p>Socialism, Communism, Liberal Democracy</p> <p>Atomic Weapons, Jets, Satellites, Rockets ("Strategic Triad")</p>	<p>Personal Computer, Internet, Biotech, Nanotech</p>  <p>Networked (Services, Finance, Biotechnology, Information and Communications Tech.)</p> <p>Globalization, Populism, Extremism</p> <p>Networks, Precision Navigation, Biometrics, Stealth ("Net-Centric")</p>
	<p>Military Terrain: Correlation of Forces</p> <p>Signals Intelligence</p> <p>FBI</p> <p>Photo Recon</p> <p>OSS</p>	<p>Geographic Terrain: Denied Territory</p> <p>U2 SR71 Corona</p> <p>Covert Action Acoustic MASINT</p> <p>CIA NSA NRO</p>	<p>Human Terrain: Denied Data and Minds</p> <p>UAVs</p>  <p>NGA NCTC</p>

The Intelligence Community has adapted to changes in the past; our challenge now is that the pace and magnitude of change is much greater

How Do We Get Intelligence Advantage in this Age of Globalization?

SPEED

SURPRISE

SYNERGY

“Never before in history has innovation offered promise of so much to so many in so short a time.”

-- Bill Gates