



PANTHRISK WEEKLY RISK REPORT

Week of July 27–2, 2025

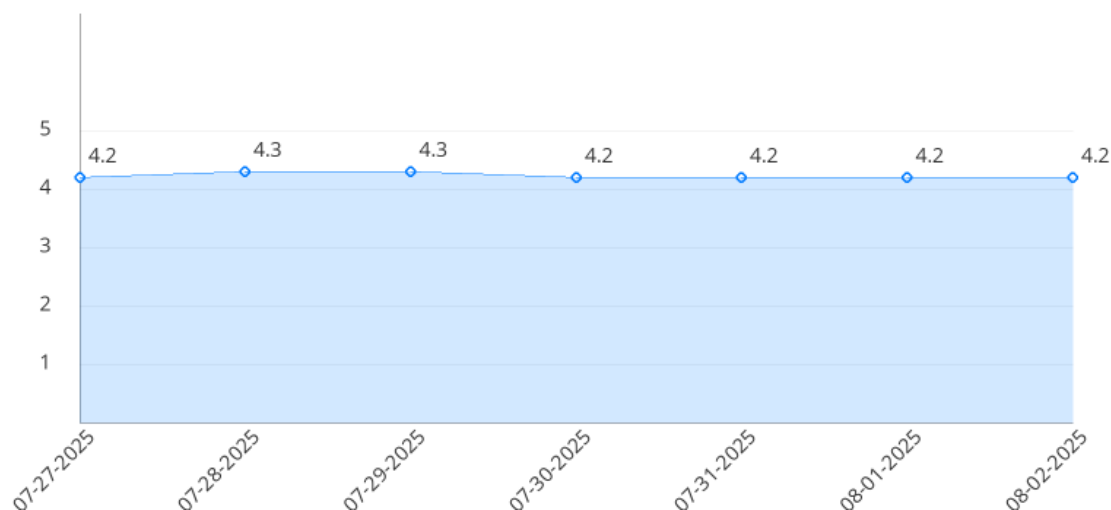
Panthrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from July 27–2, 2025 across all tracked categories.

Generated: August 2, 2025



Nuclear War

Score Trend (Week of July 27–2, 2025)



This week, the nuclear threat level has been elevated due to a series of cyber breaches targeting the US nuclear weapons agency, which revealed significant vulnerabilities in critical infrastructure. These breaches, attributed to Chinese hackers exploiting a Microsoft SharePoint vulnerability, have heightened global nuclear tensions. Additionally, the redeployment of US nuclear weapons to the UK and ongoing geopolitical tensions involving North Korea and Russia further exacerbate the situation. The modernization of nuclear arsenals and the breakdown of communication channels among nuclear powers contribute to the increased risk of nuclear conflict.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Strengthen cybersecurity protocols and defenses for critical nuclear infrastructure to prevent future breaches.
- **[NGO]** Advocate for renewed arms control negotiations and the establishment of new treaties to address emerging technologies and doctrines.
- **[Industry]** Collaborate with governments to develop advanced cybersecurity solutions tailored for critical infrastructure protection.
- **[Military]** Conduct joint exercises with allies to ensure readiness and interoperability in the event of a nuclear crisis.
- **[Diplomacy]** Enhance diplomatic efforts to reopen communication channels between nuclear-armed states to prevent misunderstandings and miscalculations.



Nuclear War

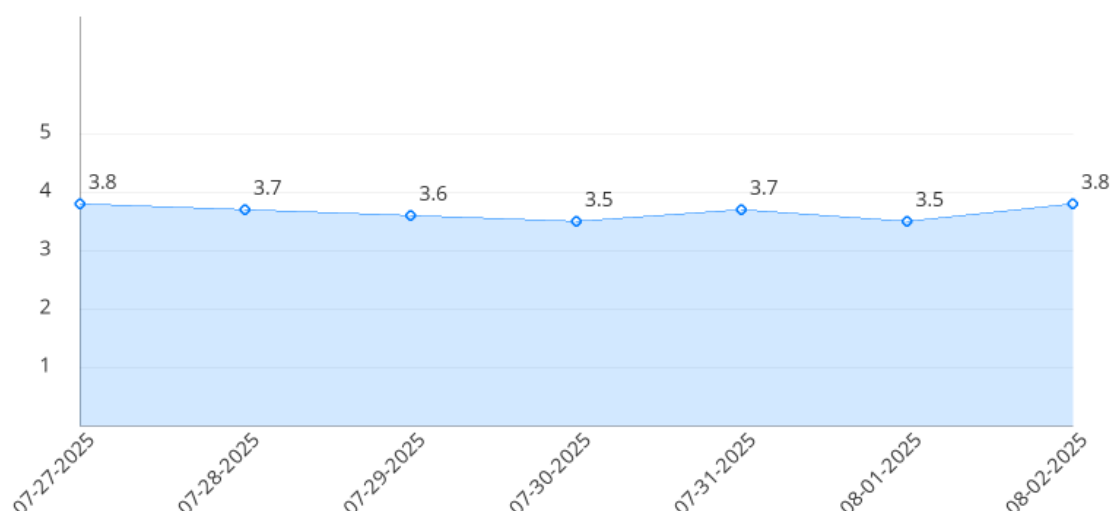
Relevant Articles

<i>Tactical nukes are making nuclea...</i>	[July 27]	- Read article
<i>US nuclear weapons agency breach...</i>	[July 27]	- Read article
<i>Chinese hackers suspected of bre...</i>	[July 27]	- Read article
<i>China-Backed Hackers Breach U.S....</i>	[July 27]	- Read article
<i>US Nuclear Weapons Agency Breach...</i>	[July 27]	- Read article
<i>US nuclear weapons agency 'among...</i>	[July 27]	- Read article
<i>Chinese hackers breach US nuclea...</i>	[July 27]	- Read article
<i>Chinese hackers use Microsoft lo...</i>	[July 27]	- Read article
<i>US nuclear weapons agency report...</i>	[July 27]	- Read article
<i>US Nuclear Weapons Agency Report...</i>	[July 27]	- Read article
<i>Deepfakes and nuclear weapons: W...</i>	[July 28]	- Read article
<i>Putin's favourite newspaper prep...</i>	[July 28]	- Read article
<i>Microsoft says China-backed cybe...</i>	[July 28]	- Read article
<i>Chinese hackers use Microsoft lo...</i>	[July 28]	- Read article
<i>US nuclear weapons agency breach...</i>	[July 28]	- Read article
<i>US Has Likely Moved Nuclear Arms...</i>	[July 29]	- Read article
<i>US nuclear weapons agency 'among...</i>	[July 29]	- Read article
<i>Chinese hackers breach US nuclea...</i>	[July 29]	- Read article
<i>Chinese hackers use Microsoft lo...</i>	[July 29]	- Read article
<i>US nuclear weapons agency report...</i>	[July 29]	- Read article
<i>US moved nuclear weapons to UK f...</i>	[July 30]	- Read article
<i>US nuclear weapons return to UK ...</i>	[July 30]	- Read article
<i>Putin issues a nuclear weapons w...</i>	[July 30]	- Read article
<i>Nuclear Weapons Agency Breached ...</i>	[July 30]	- Read article
<i>US nuclear weapons agency 'among...</i>	[July 30]	- Read article
<i>Even Nuclear Experts Are at a Lo...</i>	[July 31]	- Read article
<i>North Korea says US must accept ...</i>	[July 31]	- Read article
<i>US likely moved nuclear weapons ...</i>	[July 31]	- Read article
<i>US Has Likely Moved Nuclear Arms...</i>	[July 31]	- Read article
<i>Deepfakes and nuclear weapons: W...</i>	[July 31]	- Read article
<i>Implications of Chinese Nuclear ...</i>	[August 1]	- Read article
<i>North Korea says US must accept ...</i>	[August 1]	- Read article
<i>US likely moved nuclear weapons ...</i>	[August 1]	- Read article
<i>US Has Likely Moved Nuclear Arms...</i>	[August 1]	- Read article
<i>Japan, U.S. discussing scenario ...</i>	[August 1]	- Read article
<i>China Wants Nuclear Weapons To S...</i>	[August 2]	- Read article
<i>Trump bolsters military's nuclea...</i>	[August 2]	- Read article
<i>N. Korean assembly chief claims ...</i>	[August 2]	- Read article
<i>Implications of Chinese Nuclear ...</i>	[August 2]	- Read article
<i>US Nuclear Weapons Return to UK ...</i>	[August 2]	- Read article



Artificial Intelligence

Score Trend (Week of July 27–2, 2025)



This week, the risk level associated with Artificial Intelligence remains moderate, with a consistent score range of 3.5 to 3.8. The primary concerns revolve around significant advancements in AI capabilities and the formation of strategic partnerships, which have heightened worries about alignment, misuse, and the concentration of power. There is a particular emphasis on the potential misuse of AI in critical sectors such as finance and security. The ongoing developments underscore the need for effective governance, ethical leadership, and international cooperation to manage these risks and ensure that AI technologies align with human values and public interest.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Develop and enforce comprehensive regulatory frameworks to ensure ethical AI development and prevent the concentration of power.
- **[Industry]** Prioritize transparency and accountability in AI systems to build public trust and prevent misuse.
- **[NGO]** Advocate for international cooperation to establish global standards for AI safety and governance.
- **[Academia]** Conduct interdisciplinary research on AI alignment and control to address potential existential risks.
- **[Public Sector]** Increase awareness and education on AI risks and ethical considerations to foster informed public discourse.



Artificial Intelligence

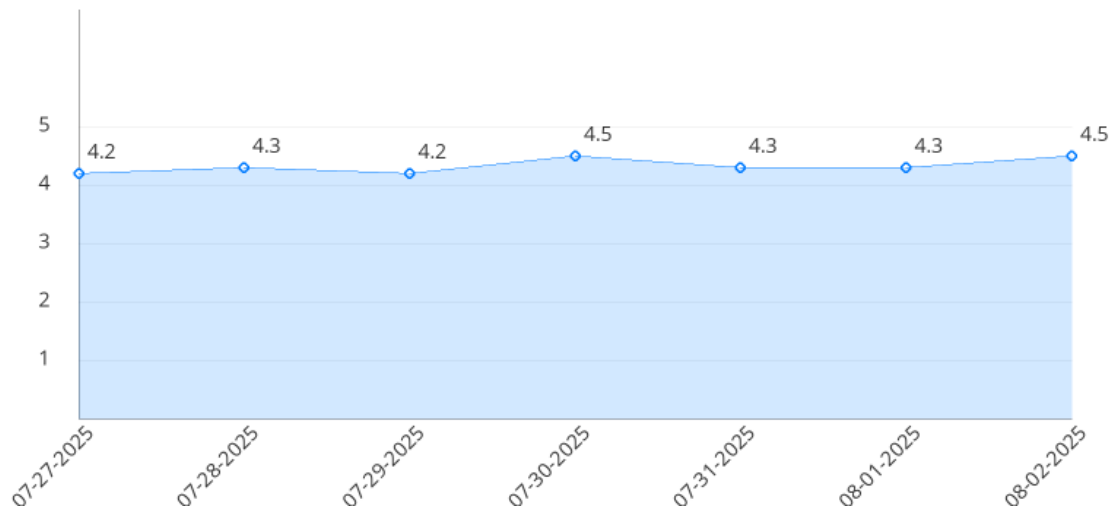
Relevant Articles

OpenAI and UK Government announc... [July 27] - [Read article](#)
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China proposes new global AI coo... [July 27] - [Read article](#)
Joep Meindertsma on the Existent... [July 27] - [Read article](#)
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OpenAI and UK Government announc... [July 28] - [Read article](#)
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China proposes global body to go... [July 28] - [Read article](#)
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Taking a responsible path to AGI [July 29] - [Read article](#)
Evaluating potential cybersecuri... [July 29] - [Read article](#)
Linguistic Bias in ChatGPT: Lang... [July 29] - [Read article](#)
OpenAI and UK Government announc... [July 30] - [Read article](#)
Toward understanding and prevent... [July 30] - [Read article](#)
Taking a responsible path to AGI [July 30] - [Read article](#)
The trillion-dollar AI arms race... [July 30] - [Read article](#)
NSF announces \$100 million inves... [July 30] - [Read article](#)
OpenAI and UK Government announc... [July 31] - [Read article](#)
Toward understanding and prevent... [July 31] - [Read article](#)
Disrupting malicious uses of AI:... [July 31] - [Read article](#)
Researchers find automated finan... [July 31] - [Read article](#)
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Technical approach for classifyi... [August 1] - [Read article](#)
AI Testing and Evaluation: Refle... [August 1] - [Read article](#)
UK Launches £15m Global AI Safet... [August 1] - [Read article](#)
OpenAI and UK Government announc... [August 2] - [Read article](#)
Artificial Intelligence and the ... [August 2] - [Read article](#)
Use of Artificial Intelligence b... [August 2] - [Read article](#)
Goodbye to the world you know - ... [August 2] - [Read article](#)

Climate Change



Score Trend (Week of July 27–2, 2025)



This week, the climate change discourse has been dominated by significant legal and policy developments. International court rulings have underscored the urgent need for global climate action, highlighting the escalating environmental and socio-economic impacts. However, these efforts are being undermined by policy rollbacks, particularly in the United States, where the EPA's rollback of key climate regulations poses a significant threat to long-term climate stability. The situation is further exacerbated by ongoing extreme weather events, increasing deforestation, and the risk of species extinction, all of which contribute to a heightened climate threat level. These developments emphasize the need for reinforced global cooperation and stronger climate policies to mitigate these risks effectively.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Reinstate and strengthen climate regulations to ensure robust greenhouse gas emission controls.
- **[NGO]** Increase advocacy and public awareness campaigns to highlight the impacts of regulatory rollbacks on climate change.
- **[Industry]** Invest in sustainable practices and technologies to reduce carbon footprints and enhance climate resilience.
- **[International Organizations]** Facilitate global cooperation to counteract national policy setbacks and reinforce international climate agreements.
- **[Research Institutions]** Conduct and disseminate research on the impacts of policy changes on climate and public health.



Climate Change

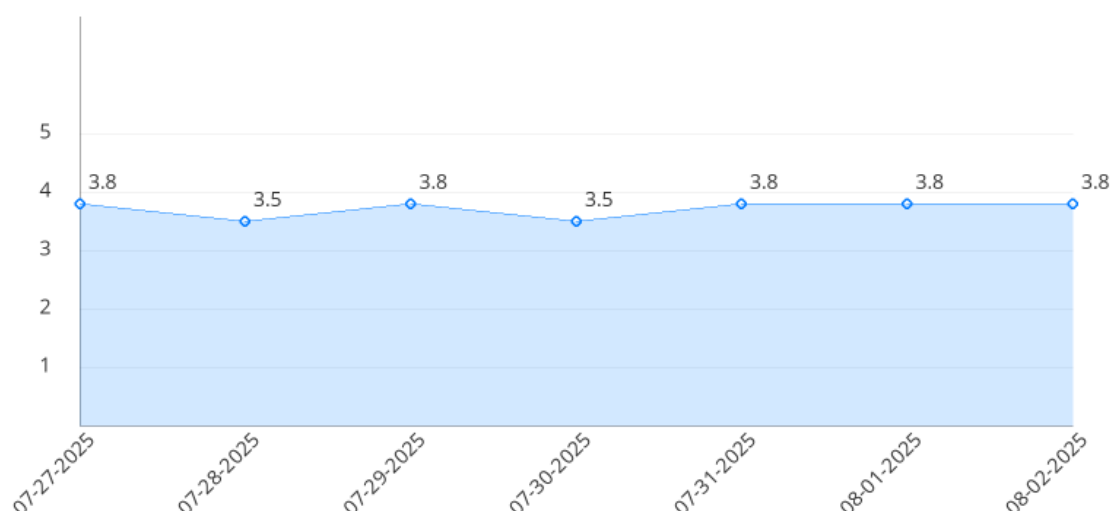
Relevant Articles

Trump's EPA repeal of climate ch... [July 27] – [Read article](#)
ICJ: What the world court's land... [July 27] – [Read article](#)
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European Central Bank Plans to F... [July 27] – [Read article](#)
World Court Opens Door To Climat... [July 27] – [Read article](#)
Two international courts just is... [July 28] – [Read article](#)
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The World Court Clarifies Countr... [July 28] – [Read article](#)
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UN's top court delivered a landm... [July 28] – [Read article](#)
ICJ Issues Advisory Opinion on S... [July 29] – [Read article](#)
Climate change is pushing up the... [July 29] – [Read article](#)
Damaging, golf ball-size hail wi... [July 29] – [Read article](#)
2025-07 - Climate change signifi... [July 29] – [Read article](#)
Warming oceans drive tuna from P... [July 29] – [Read article](#)
Trump's EPA wants to rescind mil... [July 30] – [Read article](#)
The EPA gives up on climate chan... [July 30] – [Read article](#)
Trump EPA moves to repeal landma... [July 30] – [Read article](#)
E.P.A. Moves to Revoke the Legal... [July 30] – [Read article](#)
Trump's EPA Is Taking Aim at the... [July 30] – [Read article](#)
Thousands of animal species face... [July 31] – [Read article](#)
US EPA announces intention to re... [July 31] – [Read article](#)
Experts: Climate change, deadly ... [July 31] – [Read article](#)
EPA proposes rescinding key clim... [July 31] – [Read article](#)
Climate change could make 'droug... [July 31] – [Read article](#)
Monroe Canyon Fire Intensifies [August 1] – [Read article](#)
Climate Watch: Military Emission... [August 1] – [Read article](#)
Colombia reports 43% spike in de... [August 1] – [Read article](#)
Trump's EPA proposes rollback of... [August 1] – [Read article](#)
EPA to renounce right to regulat... [August 1] – [Read article](#)
A 'Dagger in the Heart' of Clima... [August 2] – [Read article](#)
Faster global warming linked to ... [August 2] – [Read article](#)
'This is the mother lode': Behin... [August 2] – [Read article](#)
Thousands of animal species face... [August 2] – [Read article](#)
Trump's EPA moves to repeal clim... [August 2] – [Read article](#)



Pandemics

Score Trend (Week of July 27–2, 2025)



This week, the pandemic risk remains moderate, driven by rising COVID-19 cases, the emergence of infectious diseases such as avian flu and MERS, and persistent challenges with vaccine uptake due to misinformation. The situation is compounded by new outbreaks of diseases like polio and measles. Despite these challenges, efforts continue to improve public health communication and vaccination outreach, particularly among vulnerable populations. Global surveillance and cooperation are emphasized as crucial strategies to manage these threats and ensure timely interventions.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Enhance public health communication strategies to address misinformation and improve vaccine uptake, focusing on evidence-based messaging.
- **[NGO]** Increase outreach and vaccination efforts in underserved communities to ensure equitable access to vaccines and healthcare services.
- **[Industry]** Accelerate research and development of new vaccine technologies and treatments for emerging infectious diseases.
- **[Healthcare]** Implement targeted interventions in regions with rising COVID-19 levels to prevent further spread and protect vulnerable populations.
- **[Global Organizations]** Strengthen international cooperation and resource sharing to manage cross-border health threats and improve pandemic preparedness.



Pandemics

Relevant Articles

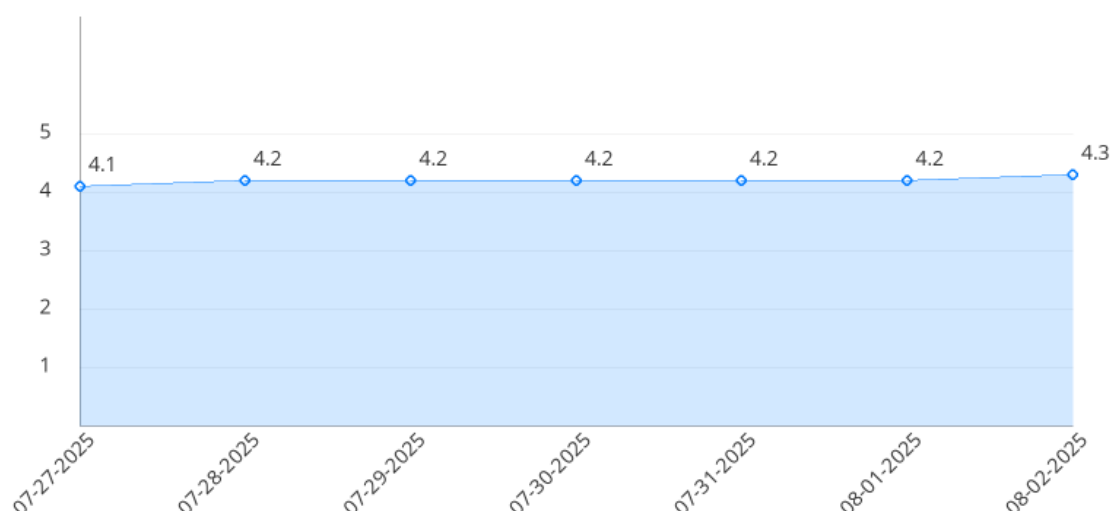
US COVID levels continue slight ... [July 27] – [Read article](#)
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WHO adds XFG to SARS-CoV-2 varia... [July 27] – [Read article](#)
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UK publishes priority pathogens ... [July 28] – [Read article](#)
WHO notes 4 new MERS cases, 2 fa... [July 28] – [Read article](#)
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Life expectancy didn't return to... [July 29] – [Read article](#)
FDA approves Moderna COVID vacci... [July 29] – [Read article](#)
Bangladesh and India alert WHO a... [July 29] – [Read article](#)
Saudi Arabia confirms 9 MERS cas... [July 29] – [Read article](#)
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New surveillance tool can predic... [July 30] – [Read article](#)
COVID-19 vaccines offer strong p... [July 30] – [Read article](#)
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Saudi Arabia confirms 9 MERS cas... [July 31] – [Read article](#)
WHO notes 4 new MERS cases, 2 fa... [July 31] – [Read article](#)
Analysis: 2024-25 COVID vaccines... [August 1] – [Read article](#)
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WHO shares more details about Ug... [August 1] – [Read article](#)
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FDA approves Moderna COVID vacci... [August 2] – [Read article](#)



Information Integrity

Score Trend (Week of July 27–2, 2025)



This week, the risk of misinformation remains high, with a consistent score of 4.2 to 4.3. The primary sources of misinformation include AI-generated content, political narratives, and health-related false claims. The proliferation of deepfakes and digitally manipulated media further exacerbates the challenge of maintaining information integrity. Disinformation campaigns are particularly prevalent in political and social domains, with geopolitical tensions and climate misinformation also contributing to the threat. The ongoing development of AI technologies continues to be a double-edged sword, facilitating both the creation and detection of false content.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for spreading misinformation, particularly in political and health domains.
- **[Industry]** Enhance AI and machine learning algorithms to better detect and flag deepfake and AI-generated misinformation.
- **[NGO]** Develop and deploy educational programs focused on digital literacy and critical thinking to help the public identify misinformation.
- **[Media]** Increase transparency in fact-checking processes and reporting to build trust and counteract misinformation narratives.
- **[International Organizations]** Strengthen international cooperation to tackle cross-border disinformation and share best practices.



Information Integrity

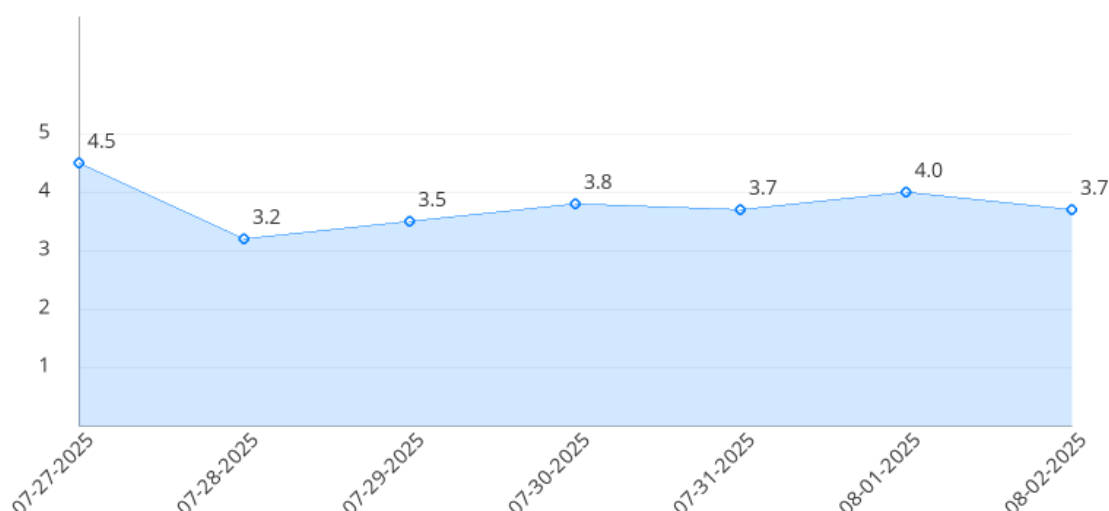
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Fake AI photos of Trump with Eps... [July 27] - [Read article](#)
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Donald Trump - Trump falsely twi... [July 29] - [Read article](#)
Authorities undertaking climate ... [July 29] - [Read article](#)
How misinformation spreaders ref... [July 29] - [Read article](#)
Scammers are posting fake QR cod... [July 30] - [Read article](#)
Biglaw AI Apocalypse Brews As On... [July 30] - [Read article](#)
Romanian Ministry Denies AI-Gener... [July 30] - [Read article](#)
Humans are really bad at detecti... [July 30] - [Read article](#)
PyPI Warns of Ongoing Phishing C... [July 30] - [Read article](#)
Fake Videos Just Got Scarier. Lu... [July 31] - [Read article](#)
The War on Truth - Al Jazeera [July 31] - [Read article](#)
TikTok turns to users in fight a... [July 31] - [Read article](#)
Analysis: Donald Trump's long hi... [July 31] - [Read article](#)
Iran Withdraws 'Fake News' Bill ... [July 31] - [Read article](#)
Social Media - Amid starvation i... [August 1] - [Read article](#)
Hailstorm in Saudi Arabian deser... [August 1] - [Read article](#)
What genre of fake AI videos is ... [August 1] - [Read article](#)
Fact check: Tsunami fakes and Op... [August 1] - [Read article](#)
UN Chief warns of 'dangerous dri... [August 1] - [Read article](#)
Don't fall for Trump post critic... [August 2] - [Read article](#)
Breaking down claim 'whites-only... [August 2] - [Read article](#)
Trump's baseless 'manipulated' d... [August 2] - [Read article](#)
Benjamin Netanyahu - Netanyahu's... [August 2] - [Read article](#)
Scientists slam Trump administra... [August 2] - [Read article](#)
Call For Global Strategy To Coun... [August 2] - [Read article](#)
These hyper-realistic AI generat... [August 2] - [Read article](#)
YouTube channels are being sold ... [August 2] - [Read article](#)



Unknown / Black Swan

Score Trend (Week of July 27–2, 2025)



This week, the International Court of Justice (ICJ) has declared climate change as an 'existential threat', marking a pivotal legal and geopolitical development. This recognition by the UN's top court suggests potential for significant shifts in global governance, with countries being urged to take decisive action. The ruling could lead to unforeseen geopolitical and economic changes, as nations might face new legal obligations and pressures to implement robust climate policies. The decision underscores the urgency of addressing climate change through international cooperation and could trigger a global governance crisis if not managed properly. As a result, there is a heightened focus on the need for transparent and equitable climate policies to protect vulnerable populations and prevent potential conflicts.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Develop comprehensive strategies to comply with the ICJ ruling, integrating legal, economic, and environmental policies.
- **[Industry]** Assess and adapt business models to align with potential new environmental regulations and market conditions.
- **[NGO]** Advocate for equitable climate policies that consider the socio-economic impacts on vulnerable populations.
- **[Research Institutions]** Intensify research on climate change mitigation technologies to support rapid policy implementations.
- **[International Organizations]** Facilitate dialogue and cooperation among nations to address potential conflicts arising from climate-related legal actions.



Unknown / Black Swan

Relevant Articles

<i>ICJ ruling recognises climate ch...</i>	[July 27]	- Read article
<i>Climate change an 'existential t...</i>	[July 27]	- Read article
<i>ICJ Says Climate Change an 'Exis...</i>	[July 27]	- Read article
<i>World's top court rules climate ...</i>	[July 27]	- Read article
<i>Climate change is an 'existential...</i>	[July 27]	- Read article
<i>Climate change is 'existential t...</i>	[July 27]	- Read article
<i>Existential threat: ICJ warns on...</i>	[July 27]	- Read article
<i>ICJ classes climate change as 'u...</i>	[July 27]	- Read article
<i>UN court rules countries must tr...</i>	[July 27]	- Read article
<i>In landmark opinion, UN court sa...</i>	[July 27]	- Read article
<i>Top UN court calls climate chang...</i>	[July 27]	- Read article
<i>In landmark opinion, UN court sa...</i>	[July 27]	- Read article
<i>Landmark Ruling By World Court D...</i>	[July 27]	- Read article
<i>UN's top court rules climate cha...</i>	[July 27]	- Read article
<i>World Court says climate change ...</i>	[July 27]	- Read article
<i>World Court Calls Climate Change...</i>	[July 27]	- Read article
<i>Top U.N. Court Says Countries Mu...</i>	[July 27]	- Read article
<i>Countries must address climate c...</i>	[July 27]	- Read article
<i>Climate Change an 'Existential T...</i>	[July 27]	- Read article
<i>International Court Of Justice R...</i>	[July 27]	- Read article
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Week in Review: July 27–2, 2025



This week, existential risk trends across the six domains reveal a complex landscape of challenges and developments. In the nuclear domain, heightened tensions are evident due to cyber breaches affecting the US nuclear infrastructure and geopolitical maneuvers involving nuclear arsenals, emphasizing vulnerabilities and the need for robust cybersecurity measures. The artificial intelligence sector maintains a moderate risk level, with concerns centered around the rapid advancement of AI capabilities and the potential for misuse, highlighting the necessity for governance and ethical oversight. Climate change discussions are marked by significant legal rulings and policy rollbacks, particularly in the US, which threaten long-term climate stability, underscoring the importance of global cooperation. Pandemic risks remain moderate, driven by rising infectious disease cases and vaccine misinformation, with an emphasis on improving public health communication. Information integrity faces high risks due to the proliferation of misinformation, particularly from AI-generated content and geopolitical tensions. Lastly, the International Court of Justice's recognition of climate change as an existential threat introduces potential shifts in global governance, emphasizing the urgency of international cooperation to address climate challenges.



Closing Notes

Thank you for reviewing this week's Panthrisk report. To stay informed, visit **panthrisk.com** — our dashboard is updated daily with the latest risk levels, GPT summaries, and recommended actions.

If you find this information valuable, please share it with colleagues working to reduce global catastrophic risk. Awareness is the first step toward action.