



PANTHRISK WEEKLY RISK REPORT

Week of July 13–19, 2025

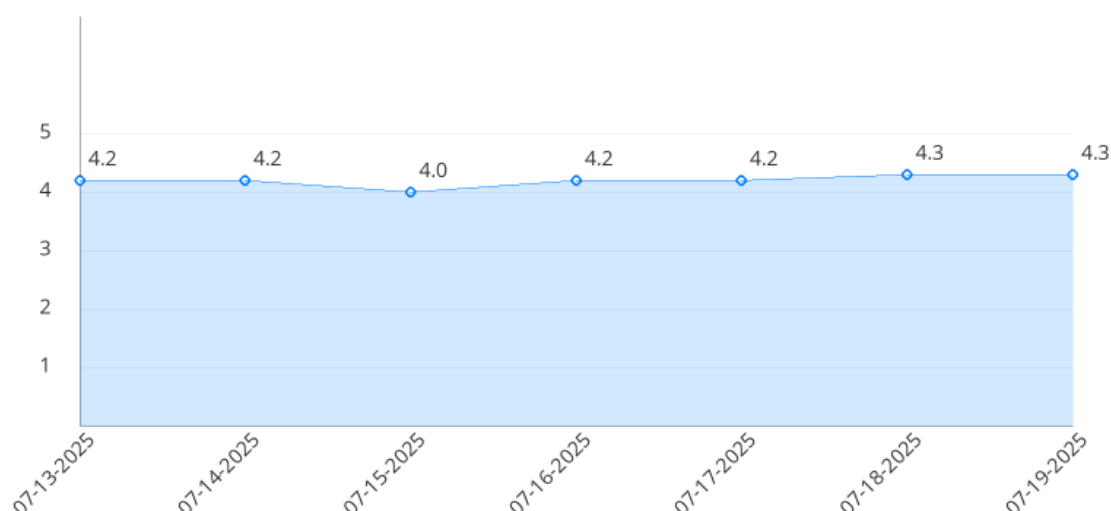
Panthrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from July 13–19, 2025 across all tracked categories.

Generated: July 19, 2025



Nuclear War

Score Trend (Week of July 13–19, 2025)



This week, the global nuclear threat level has been elevated due to several key developments. Iran's nuclear advancements and Russia's modernization of nuclear sites have contributed to heightened tensions. Additionally, increased military coordination between the UK and France and the breakdown of international arms control treaties have exacerbated the situation. These factors, alongside ongoing geopolitical conflicts, have raised concerns about the potential for nuclear conflict. The situation underscores the need for renewed diplomatic efforts and strengthened communication channels to manage and mitigate these risks.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Facilitate urgent diplomatic talks with Iran and Russia to address nuclear advancements and promote transparency.
- **[International Organizations]** Strengthen and modernize crisis communication channels between nuclear-armed states to prevent accidental escalations.
- **[NGO]** Advocate for the revival and strengthening of international arms control treaties to reduce nuclear arsenals and enhance global security.
- **[Industry]** Invest in technologies that enhance verification and monitoring of nuclear arsenals to support international arms control efforts.
- **[Public]** Engage in public campaigns advocating for nuclear disarmament and non-proliferation to raise awareness and support policy changes.



Nuclear War

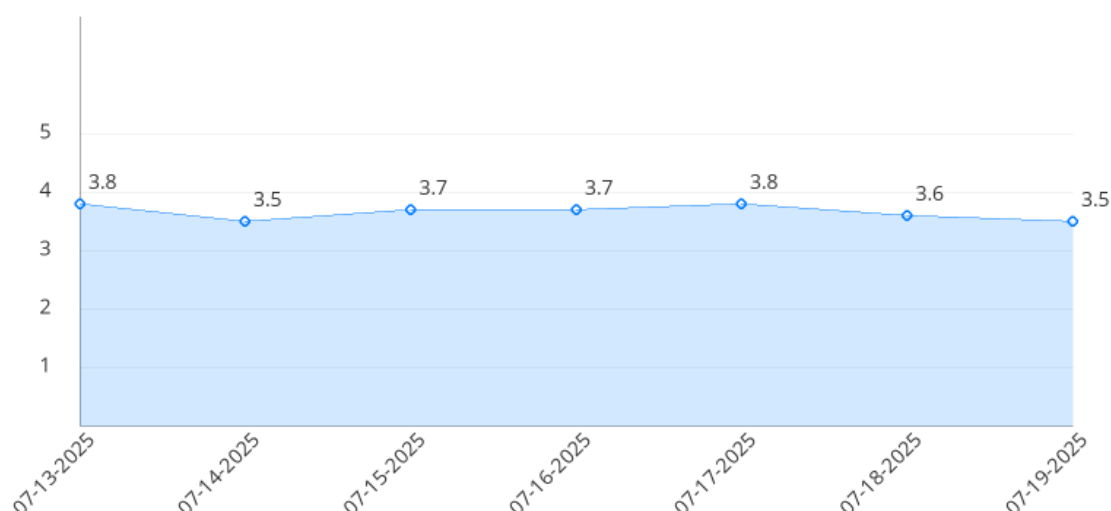
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<i>Did You Know That the Risk of Nu...</i>	[July 13]	-	Read article
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<i>U.K. Says It's Buying 12 F-35A S...</i>	[July 14]	-	Read article
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<i>Russia quietly upgrades suspecte...</i>	[July 16]	-	Read article
<i>Iran poised to deploy nuclear we...</i>	[July 16]	-	Read article
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<i>U.K. and France Sign First Nucle...</i>	[July 16]	-	Read article
<i>The new nuclear arms race - Pros...</i>	[July 17]	-	Read article
<i>80 Years After Trinity, the Dang...</i>	[July 17]	-	Read article
<i>Russia quietly upgrades suspecte...</i>	[July 17]	-	Read article
<i>Trump Administration Increases N...</i>	[July 17]	-	Read article
<i>France, Britain unveil nuclear w...</i>	[July 17]	-	Read article
<i>Russia Just Made a Hidden 'Nucle...</i>	[July 18]	-	Read article
<i>China's nuclear weapons ploy is ...</i>	[July 18]	-	Read article
<i>The new nuclear arms race - Pros...</i>	[July 18]	-	Read article
<i>Russia quietly upgrades suspecte...</i>	[July 18]	-	Read article
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<i>B61-13 first production unit com...</i>	[July 19]	-	Read article
<i>World has never been closer to n...</i>	[July 19]	-	Read article
<i>Other Views: The risk of nuclear...</i>	[July 19]	-	Read article
<i>For Decades, a Treaty Contained ...</i>	[July 19]	-	Read article
<i>80 Years After Trinity, the Dang...</i>	[July 19]	-	Read article



Artificial Intelligence

Score Trend (Week of July 13–19, 2025)



This week, the risk associated with Artificial Intelligence remains moderate, with a consistent focus on issues related to alignment, misuse, and ethical management. Recent developments have highlighted concerns about AI's military applications, privacy, and the challenges of tracking AI behavior. Despite advancements in AI governance and safety measures, the rapid deployment of AI technologies across various sectors continues to pose potential risks. The ongoing discourse emphasizes the need for robust alignment frameworks and ethical guidelines to ensure AI systems operate safely and predictably. There is also a strong call for transparency and accountability in AI development to mitigate long-term existential threats.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and oversight mechanisms to ensure AI systems are aligned with societal values and ethical standards.
- **[Industry]** Develop and adhere to comprehensive ethical guidelines for AI development, focusing on preventing misuse and ensuring alignment with human values.
- **[Academia]** Conduct interdisciplinary research on AI alignment and safety to better understand and mitigate potential risks associated with advanced AI systems.
- **[NGO]** Advocate for transparency and accountability in AI systems, promoting public awareness and engagement in AI governance.
- **[International Organizations]** Foster global cooperation on AI governance to address cross-border risks and ensure equitable access to AI benefits.



Artificial Intelligence

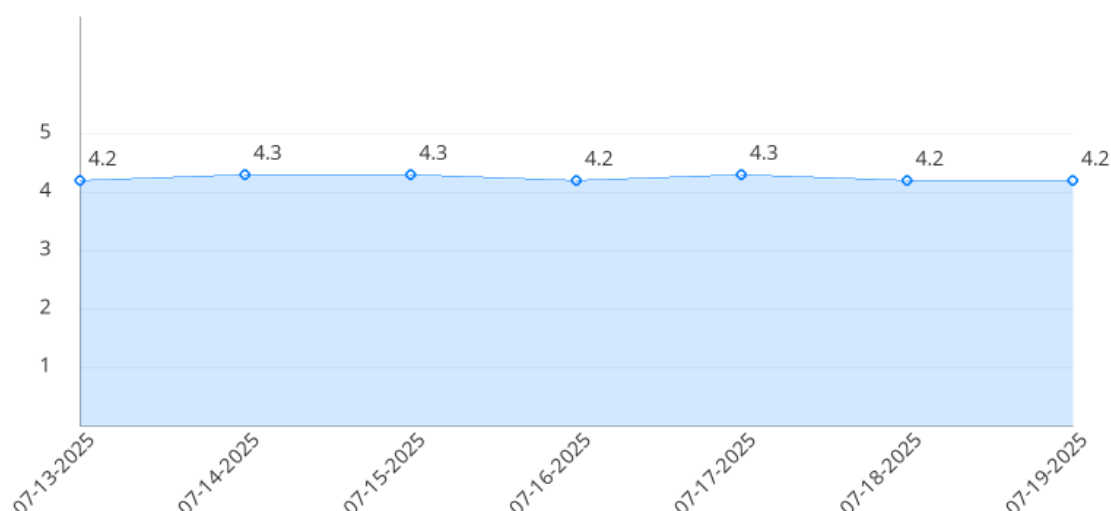
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AI risk management practices are... [July 19] - [Read article](#)



Climate Change

Score Trend (Week of July 13–19, 2025)



This week, the climate risk remains high due to a combination of increased severity and frequency of extreme weather events, rising greenhouse gas emissions, and insufficient policy actions. These factors have led to a series of billion-dollar disasters and prolonged droughts, exacerbating ecological and human health impacts. Despite the urgent need for effective climate policies, there have been notable policy setbacks and systemic challenges in addressing climate change impacts. The ongoing situation underscores the need for stronger regulations, increased funding for climate resilience, and enhanced global cooperation to mitigate these risks.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stricter climate policies and regulations to reduce greenhouse gas emissions and enhance climate adaptation measures.
- **[NGO]** Raise public awareness and advocate for stronger climate policies to counteract political resistance and misinformation.
- **[Industry]** Invest in sustainable technologies and practices to reduce carbon footprints and support the transition to a low-carbon economy.
- **[Research Institutions]** Develop and disseminate advanced climate models to better predict and mitigate the impacts of extreme weather events.
- **[International Organizations]** Facilitate global cooperation to address transboundary climate issues and support vulnerable regions in enhancing adaptive capacities.



Climate Change

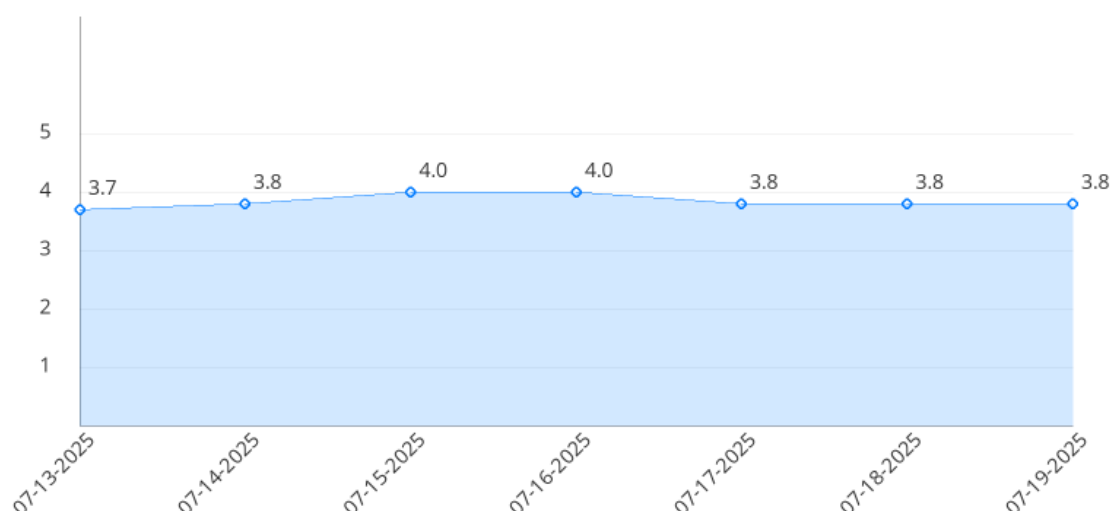
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Climate change is fueling brutal... [July 17] – [Read article](#)
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Wildfire Smoke Billows Over Nort... [July 18] – [Read article](#)
U.S. socked with 15 billion-doll... [July 18] – [Read article](#)
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Pandemics

Score Trend (Week of July 13–19, 2025)



This week, the pandemic risk level fluctuated between moderate and high due to the spread of multiple infectious diseases, including COVID-19 variants, H5N1 avian flu, and measles. These outbreaks are exacerbated by public mistrust in health agencies and widespread vaccine misinformation. The risk score peaked at 4.0 midweek, indicating a high level of concern, before settling back to moderate levels. The persistence of these challenges highlights the need for improved public health communication and vaccination efforts. Efforts to counter misinformation and rebuild trust in health institutions remain crucial.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Increase funding for public health agencies to enhance disease surveillance and rapid response systems.
- **[NGO]** Collaborate with local communities to provide accurate information and counter misinformation about vaccines.
- **[Industry]** Accelerate research and development of vaccines and treatments for emerging infectious diseases.
- **[Healthcare]** Enhance training and resources for healthcare workers to effectively manage and treat infectious diseases.
- **[Media]** Promote accurate and science-based information to combat misinformation and build public trust in health interventions.



Pandemics

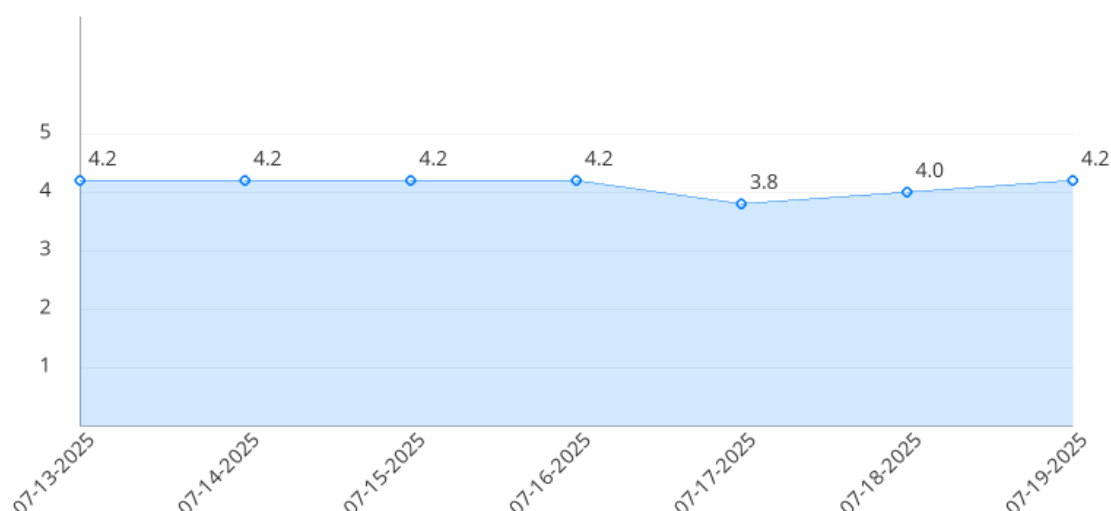
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Cambodia logs fifth death from H... [July 14] – [Read article](#)
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U.S. measles case count hits 33-... [July 14] – [Read article](#)
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Information Integrity

Score Trend (Week of July 13–19, 2025)



This week, the global misinformation threat level has consistently been high, driven by coordinated disinformation campaigns, the proliferation of fake news, and the manipulation of social media platforms. The use of deepfakes and AI-generated content has exacerbated the spread of falsehoods, particularly in political, health, and international relations domains. Although there was a slight dip in the risk level on July 17, concerns remain significant, especially regarding scams and fraudulent schemes that impact public trust. The persistence of these issues highlights the ongoing challenge of maintaining information integrity in the digital age.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and penalties for the creation and distribution of AI-generated misinformation and deepfakes.
- **[Industry]** Enhance algorithms and increase transparency in content moderation practices to better detect and flag misleading content on social media platforms.
- **[NGO]** Launch public awareness campaigns to educate citizens on identifying and reporting misinformation and scams.
- **[Education]** Integrate media literacy programs into curricula to equip students with skills to critically evaluate information sources.
- **[Research]** Conduct studies on the effectiveness of current misinformation countermeasures and develop new strategies to combat emerging threats.



Information Integrity

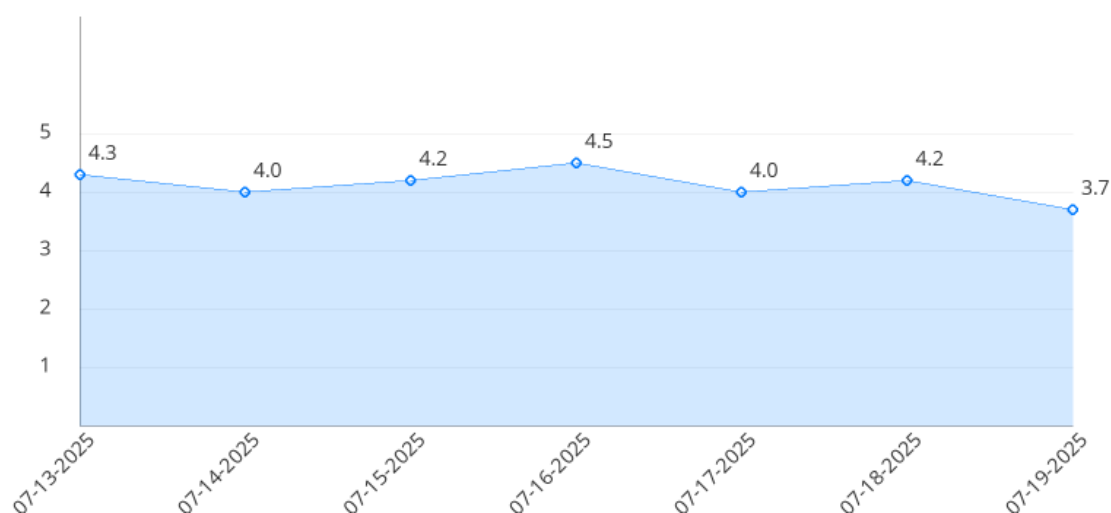
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<i>COP30 Launches Call to Combat Cl...</i>	[July 15]	-	Read article
<i>Vaccine hesitancy growing in at-...</i>	[July 15]	-	Read article
<i>Russia-linked group spoofing Eur...</i>	[July 15]	-	Read article
<i>Fake News Sites Mimicking CNN, B...</i>	[July 15]	-	Read article
<i>AI and disinformation fuel polit...</i>	[July 16]	-	Read article
<i>Fake Telegram Apps Spread via 60...</i>	[July 16]	-	Read article
<i>Brussels amps up fight against R...</i>	[July 16]	-	Read article
<i>Europe subjected to Russia-linke...</i>	[July 16]	-	Read article
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<i>Checking claim Trump sent no Mar...</i>	[July 17]	-	Read article
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<i>Misinformation explodes online f...</i>	[July 17]	-	Read article
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<i>Texas woman starts AI awareness ...</i>	[July 18]	-	Read article
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<i>Donald Trump - Trump said Obama ...</i>	[July 19]	-	Read article
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<i>Why does Grok post false, offens...</i>	[July 19]	-	Read article
<i>UN chief: Israel's ban on intern...</i>	[July 19]	-	Read article



Unknown / Black Swan

Score Trend (Week of July 13–19, 2025)



This week, the completion of major dam projects in Ethiopia and China has heightened geopolitical tensions in their respective regions, posing significant risks of regional conflict. Ethiopia's Nile dam has escalated tensions with Egypt, while China's mega dam is seen as a potential threat to regional stability in South Asia, particularly affecting India. Additionally, the accumulation of space debris continues to be a significant concern, with risks of cascading collision events in Earth's orbit. Meanwhile, the discovery of warmer temperatures on Uranus suggests unknown planetary processes that could have broader implications for our understanding of the solar system.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Engage in diplomatic negotiations to mediate between Ethiopia and Egypt to prevent escalation into armed conflict.
- **[International Organizations]** Facilitate multilateral talks between China and India to establish water-sharing agreements and prevent unilateral actions.
- **[Space Agencies]** Develop and deploy technologies for active debris removal and collision avoidance systems to mitigate space debris risks.
- **[Research Institutions]** Conduct further research to understand the causes of the unexpected temperature increase on Uranus and its potential implications.
- **[Media]** Provide balanced reporting on the geopolitical and environmental implications of the dams to inform public discourse and prevent misinformation.



Unknown / Black Swan

Relevant Articles

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Week in Review: July 13–19, 2025



This week, existential risk trends across the six domains have shown varied movements, with nuclear war and climate change risks remaining notably high. The nuclear threat has escalated due to advancements in nuclear capabilities by Iran and Russia, alongside weakened arms control treaties, emphasizing the need for diplomatic engagement. In the realm of artificial intelligence, concerns persist around military applications and ethical management, highlighting the importance of alignment frameworks and transparency. Climate change risks are exacerbated by extreme weather events and policy setbacks, underscoring the necessity for stronger regulations and global cooperation. Pandemic risks have fluctuated, driven by the spread of multiple infectious diseases and public mistrust, pointing to the need for improved health communication. Information integrity continues to be challenged by disinformation campaigns and AI-generated content, maintaining a high threat level. Lastly, geopolitical tensions related to major dam projects and space debris accumulation pose significant risks, while the discovery of warmer temperatures on Uranus presents new scientific inquiries.



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.