

Geneva Science Diplomacy Anticipator (GESDA) Summit brought together 1000 scientists, diplomats, policymakers, and others around the globe in a dialogue on using science and the acceleration of new technologies in addressing some of the global challenges. GYA was represented by [Jovana V. Milic](#), Co-Lead of the [Science Advice Working Group](#) and member of the Swiss Young Academy ([SYA](#)), co-leading the Swiss Young Network for Science Policy and Diplomacy ([SYNESPOD](#)), who attended the program and engaged in discussions.

The Summit program covered a diverse array of timely topics concerned with science acceleration and anticipatory diplomacy, in the scope of the [GESDA's Science Breakthrough Radar](#), from pandemic preparedness and climate resilience to space governance and the emergence of neuromorphic computing, as well as the impact of science culture and democratizing science literacy. For instance, *the pandemic preparedness* discussion highlighted the economic and human costs and the need for global coordination for prevention measures, as well as regulatory support for ensuring the costs and benefits of preparedness are equitably distributed. Moreover, *the climate resilience and food security* panel examined how climate destabilization impacts food security, emphasizing decolonial and gender-responsive approaches, the opportunities and challenges in genetic engineering, and the need to invest in the potential of diverse, resilient food systems. On the other hand, the panel on *nourishing science culture* emphasized the need for adaptable policies that can respond to an evolving knowledge landscape, and a redefined concept of trust in science, focusing on equitable benefits from scientific advancements and transparency. Finally, the discussion on *democratizing science literacy* highlighted the need for improved storytelling around advancements in science and technology, and that scientists and policymakers need to learn each other's language.

In addition to topical sessions, the summit highlighted GESDA's ongoing projects, including the [Global Curriculum for Anticipatory Leadership](#), seeking to promote anticipatory leadership worldwide by developing training that equips decision-makers across disciplines and regions with the skills and mindset needed to harness scientific progress for societal and environmental benefit. [GESDA's Anticipation Observatory](#) was also revealed, an AI-augmented intelligence tool designed to inform diplomacy, business, and society on emerging scientific trends. As part of *GESDA's Anticipation Gateway Initiative*, this tool combines expert insights with AI to help decision-makers understand scientific developments, regulatory landscapes, market readiness, and public opinion to promote early understanding and preparation for technological and societal transitions.

The discussions throughout the Summit resonate with the GYA activities, as well as the broader vision and mission, emphasizing the need to involve early-career researchers across disciplines worldwide, which stimulates future engagement and collaborations.

Note: The report was prepared through exchanges with the SYNESPOD team member and collaborator, Katherine Trinkaus, who shared insights on some of the sessions during the Summit.



Impressions from the GESDA Summit 2024 in Geneva by Jovana V. Milić