

Workshop

Possible Effects of Nuclear War

An Austrian Perspective



Monday,
June 29, 2026
2:00 pm - 5:30 pm

Austrian Academy of Sciences
Seminar room 1
Bäckerstraße 13 & online
1010 Vienna

Program

Moderator: [Christian Köberl](#), OeAW and University of Vienna

14:00 - 14:15

Opening remarks

[Christian Köberl](#), OeAW and University of Vienna

14:15 - 15:30

Keynotes with discussion

[Petra Seibert](#), TPNW Scientific Advisory Group, BOKU University and University of Vienna

The threats of nuclear war:
a natural science perspective

[Peter Klimek](#), UN Scientific Panel on the Effects of Nuclear War and Supply Chain Intelligence Institute Austria (ASCI)
Beyond the blast: cascading economic and societal impacts of nuclear war

15:30 - 16:00

Coffee break with posters

[Klaus Renoldner](#), International Physicians for the Prevention of Nuclear War (IPPNW)
The medical dimensions of nuclear war – IPPNW and the Austrian experience in providing data since the publication of the „Last Aid“- documents

[Nataliia Ye. Zarubina](#), National Academy of Sciences of Ukraine

Chornobyl experience for assessing radiological processes in Austrian forest ecosystems

16:00 - 17:00

Pitch presentations with discussion

[Christian Folberth](#), International Institute for Applied Systems Analysis (IIASA)

Human exposure to low temperatures and increasing heating demand in a nuclear winter

[Martin B. Kalinowski](#), Peace Science Collaboration

Inventory and environmental distribution of key radionuclides from historic nuclear tests as possible analogues for nuclear war

[Katja Astner](#), University of Innsbruck
State advocacy for nuclear disarmament (StAND)

[Stefan Schauer](#), Austrian Institute of Technology (AIT)

FALLAUT – Consequence analysis of a nuclear fallout on Austrian critical infrastructure

[Friederike Frieß](#), BOKU University
The dual-use dilemma of nuclear technology

Karin Hain, University of Vienna
Learning from the past: Abundance and isotope signatures of (long-lived) radionuclides in the environment

Pavel Kiparisov, International Institute for Applied Systems Analysis (IIASA)
Cascading disruptions in natural gas, fertilizers, and crops following major conflicts

Christian Köberl, OeAW and University of Vienna
Nuclear bomb glasses as analogs for natural glasses

17:00 - 17:15

Closing remarks

George-Wilhelm Gallhofer, Federal Ministry for European and International Affairs of Austria (BMEIA)

Barbara Prainsack, OeAW and University of Vienna

17:15

Networking and Reception

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In December 2021, the UN General Assembly decided to establish an independent Scientific Panel on the Effects of Nuclear War, on the background of a renewed prospect of nuclear war and the catastrophic, potentially global humanitarian and environmental consequences that would result from it. It called on international organisations, the scientific community and other relevant stakeholders to support the work of this panel, which is tasked with providing a comprehensive report to the UN.

It is in this context that a workshop is organised by the Austrian Academy of Sciences, together with some members of the UN Scientific Panel on the Effects of Nuclear War and the Scientific Advisory Group for the Treaty on the Prohibi-

tion of Nuclear Weapons. It aims at fostering dialogue among international experts and the Austrian research community. We warmly invite researchers from across disciplines – ranging from physical and environmental sciences, public health to social sciences, including novel approaches such as data science – to share their work and perspectives.

The workshop offers a unique opportunity to engage with leading international initiatives, contribute to a globally relevant research agenda, and explore avenues for collaboration in a field of profound societal importance.

For more information on the UN Panel, see <https://disarmament.unoda.org/en/panel-effects-nuclear-war/home>

ORGANIZER

Austrian Academy of Sciences (OeAW), together with some members of:
UN Scientific Panel on the Effects of Nuclear War
Scientific Advisory Group for the Treaty on the Prohibition of Nuclear Weapons

SCIENTIFIC COMMITTEE

Martin H. Gerzabek, BOKU University
Christian Köberl, University of Vienna
Barbara Prainsack, University of Vienna

online participation via Zoom
<https://oeaw-ac-at.zoom.us/j/61643465628?pwd=Qlbb-xA6rE3boSuOry5SPkW6FGVG7aW.1>

CONTACT AND REGISTRATION

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quick registration

