

# Arctic Pollution

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The Arctic ecosystem is currently under immense pressure. The environmental complex system of the Northern cryosphere is undergoing rapid change. These climate related changes are today only visible in the Arctic environment. Also fate and distribution profiles of anthropogenic pollutants presently investigated in the Arctic will be prone to these observed environmental changes. These changes are driven by an interconnected combination of climate, population dynamics, socioeconomic development, geopolitics, contaminants and pollution, energy use and demand and tourism. The impact of these factors on the Arctic environment and the indigenous people of the North is comprehensively summarised in the up-coming Assessment reports of the Arctic Monitoring and Assessment program (AMAP). During the here planned session on Arctic pollution issues, world leading scientists will report on the most recent findings in Arctic pollution research, levels, distribution pathways and consequences on environmental and the human populations of the North.