

EINLADUNG

Kolloquium
Sommersemester 2022

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hält am Dienstag, den **12.07.2022**, um 16:15 Uhr, digital via Zoom, einen Vortrag über

„Chemical pollution as a driver of biodiversity loss: research needs and challenges“



The alarming rates of biodiversity loss continue to attract worldwide attention, spurring the efforts that seek to slow down the current trends. Environmental pollution, including the pollution by anthropogenic chemicals, has been recognized as one of the five main drivers behind biodiversity loss. However, anthropogenic chemicals have so far received relatively little attention in both the research and policy on biodiversity. For example, the international Convention on Biological Diversity is currently negotiating its Post-2020 Global Biodiversity Framework, aiming to define the next set of targets that need to be met in order to protect biodiversity. The draft target dealing with chemical pollution explicitly mentions only the nutrients, pesticides, and plastics, and thus fails to account for the totality of chemical pollutants of the environment, which pose a complex threat to biodiversity through a multitude of direct and indirect effects. Similarly, scientists studying ecosystems and biodiversity decline have not yet fully embraced the importance of including the chemical pollution factor in their research. In my presentation, I will review the current understanding of environmental impacts of chemical pollution and its possible contribution to biodiversity loss. I will then discuss the scientific challenges and barriers that preclude a more holistic, interdisciplinary approach to biodiversity research that could help find innovative solutions and guide efficient policy decisions addressing the biodiversity crisis.

Einladende: Prof. Dr. Henner Hollert und Dr. Sarah Johann

Dieser Vortrag findet lediglich in **Digitaler Form** statt. Über diesen Link kommen Sie zu der entsprechenden Veranstaltung:

<https://uni-frankfurt.zoom.us/j/65372822827?pwd=OXBKMIV0Q1hQWmt1THhBNk1RQnRTZz09>

