



Dr. Thomas Bruhn

Physicist at IASS, member of the Advisory Board

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Dr. Thomas Bruhn is a physicist working transdisciplinarily as a Senior Research Associate at the Institute for Advanced Sustainability Studies (IASS) in Potsdam, Germany since 2012. His key ambition is to contribute to raising awareness about the role of humans in the era of the Anthropocene and the implications for sustainable human interactions with the Earth System.

In the first years at the IASS his research focused on technological topics like climate engineering and the environmental impacts of technologies for utilizing CO₂ as a resource (*carbon capture and utilization*). Particularly he was engaged in enabling transdisciplinary learning through strategic dialogues in the interface between science and society.

Since 2016 he is co-leading the project AMA (*A Mindset for the Anthropocene*) on the question how the cultivation of mental qualities like mindfulness and compassion can contribute to sustainability. Since 2017, he is also working in the team *Co-Creation & Contemporary Policy Advice* that aims at investigating and designing co-creative processes in the realm of political decision making for coping with wicked problems in the context of sustainability.

Before joining the IASS he did research on semiconductor nanomaterials like silicene and self-assembled organic hybrid structures in Berlin, Rome and the Centre Interdisciplinaire de Nanosciences (CiNaM) of the CNRS in Marseille.

Beside his research work he is also a trained facilitator and regularly conducting group processes in the tradition of *Art-of-Hosting* and *Design Thinking*. He is active in several NGOs, i.e. he is member of the thinktank30 (tt30) of the Club of Rome, the German Association of Scientists (VDW), and member of the board of directors of the Global Contract Foundation.