

Newsletter 2020/2021

Dear friends of IESP,

Welcoming a brand new 2022, we would like to update you on some of IESP's more recent activities and share some happy news from the extended network.

Highlights

[Anastassia Makarieva](#) received an [Anna Boyksen Fellowship](#) of the TUM Institute for Advanced Study. Hosted by Prof. Anja Rammig (TUM Chair for Landscape Surface-Atmosphere Interactions). Dr. Makarieva engages with drought mitigation through ecosystem restoration as a contribution to fostering global resilience against climate change.

The [German Pavilion at the EXPO 2022](#) in Dubai features and promotes future-oriented, innovative sustainable technologies made in Germany. It includes the BMBF funded [TrinkWAVE](#) project, which is coordinated by the TUM Chair of Urban Water Systems as one of the large players in the consortium.

The Bavarian State Government installed an [expert commission on the future water supply](#) in Bavaria including several IESP affiliates in 2020. Their mission was to serve as an independent scientific body to assess the current state of the various supply systems, and suggest measures to strengthen their resilience given the increasing impacts of climate change. You can [download their report](#) from the website of the TUM Chair of Urban Water Systems. The full [press release](#) is available on the website of the State Ministry for the Environment and Consumer Protection.

Reads

[Strategies for Sustainability of the Earth System](#), edited by Peter A. Wilderer, Michael Molls, Martin Grambow, and Konrad Oexle; the edited volume following our “Violated Earth-Violent Earth” workshop at the TUM Academy and Science Center in Raitenhaslach is finally published with SpringerNature <https://doi.org/10.1007/978-3-030-74458-8>.

The [memorandum](#) of our IESP-signature-workshop in **October 2021** pleading for a stronger commitment to implementing the Sustainable Development Goals (SDGs) is [available for download](#). We strongly recommend systemic changes in land use, finance, (agricultural) production, and education.

Workshops

– [Sustainable Development Goals post-Corona ...](#)
...Stronger Commitment and Responsible Dynamics Are Needed. Approaches in Science, Technology, and Education, titled IESP’s 2021 signature workshop (in German) held from 18.-20. October 2021. Four working groups discussed aspects in ecology; the interconnection of water, nutrition, and employment;

socio-economic dynamics; and innovative education. For more information and to download the memorandum, [please visit our website](#).

– **Water for All...**

... [[Wasser für Alle\(s\)](#)] became IESP's first ever experiment in digital conferencing. On 12.-13. November 2020, a group of scholars, representatives of associations, practitioners and political administrators discussed challenges and solutions for urban water management and agricultural water supply under the impact of climate change in the Anthropocene. The digital workshop further served as a kick off-event for the [expert commission on Bavaria's future water supply](#).

– **Postponed...**

“[Food Supply Chains](#)” [Lieferketten in der Lebensmittelwirtschaft], the concluding workshop of our event-based project on agriculture, water management, and climate change, is postponed to June 2022. We hope that COVID-19 infections will continue to decrease over the upcoming months and allow for an in-person meeting. For information on the program, please visit the [event website](#). If you want to get involved with the project, please contact [Wolfram Mauser](#).

Last but not least

In accordance with the [respective legislation](#), we decided to postpone our “[general meeting](#)” until it is COVID-safe to meet offline with larger groups. Here we would like you to participate in the decision making of how to develop IESP into the future. Even though – or maybe because – the digital realm is now home to various discussions and events, we believe that [in-person meetings](#) play a crucial role in creative processes and therefore continue working with them.

Thank you for your personal engagement and time, which constitute the main pillar of our support and success. However, an annual financial contribution of 120. - € or donation of any amount provides us with some liberties, to maintain and expand the (net)work.

If you would like to [share](#) announcements or publications with the IESP community via website, email, or newsletter, please send the information to iesp@ias.tum.de, and we will take it from there.

Very best wishes,

Michael von Hauff, Jörg Drewes, Wolfram Mauser, and Martin Steger



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