

Session Title: Science Based Agriculture

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Abstract title: The post-COVID-19 agendas for agricultural R4D in the developing countries

The year 2020 is marked by the exposure to pandemic, economic fallout, and climate emergency, simultaneously affecting both human and planetary health. The major drivers of the crisis include the biodiversity loss in the developing countries with increasing chances of zoonotic diseases through wildlife-livestock-human contact. There, the need to meet the demand to feed the growing population has driven land use change, while the smallholder sector is still chronically suffering from stagnant productivity under the stress of climate variabilities. This presentation stresses the need to leverage leapfrog technology to achieve sustainable agricultural intensification while mitigating and adapting to climate change.