

Jan R. Baiker*, Nadia Castro-Izaguirre, Christian Huggel, Simon Allen, Fabian Drenkhan, and Veruska Muccione

CAUSES (ORIGINS)

source: human invasions into natural habitats; spreading: unlimited/unrestricted mobility of people; poor health systems, ignorance/downplaying of threats; inappropriate/delayed decisions by political authorities; adverse socio-economic settings

COVID-19
and other pandemics

indirect relations

CLIMATE CHANGE (CC)

(so far) not tackled with the same emphasis as the pandemic

COMPOUND IMPACTS (environmental - social – economic)

147'539'302 confirmed cases and 3'116'444 deaths as of April 27th 2021 (according to WHO)

some impacts can have positive effects for mitigating or adapting to CC, others may exacerbate existing barriers.

RISKS

everyone is affected/vulnerable (different levels, pace and magnitude), to be considered in national emergency programs and disaster risk management

transformation into long-term ...

OPPORTUNITIES

post-pandemic recovery plans ("build back better"), redesign the systems as a whole, aiming for transformative change as a globally coordinated effort at all socio-political levels, based on the 2030 Agenda for Sustainable Development and the Paris Agreement on Climate Change

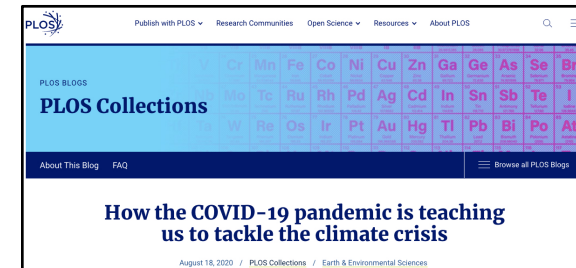
LESSONS LEARNT (so far)

Trade-offs of central government interventions on social and economic affairs vs. democratic processes and individual freedom.

Critical need for a holistic (social, environmental, economic) approach; systemic transformation, based on the principals of sustainability and resilience.



Photo: Jaime J. Valenzuela Trujillo



Link to full PLOS blog article:

<https://collectionsblog.plos.org/how-the-covid-19-pandemic-is-teaching-us-to-tackle-the-climate-crisis/>