



[Registration No.] 172

[Author] Laurien Finn

[E-mail] laurien@iiasa.ac.at

[Co-Author] Reinhard Mechler

[E-mail] mechler@iiasa.ac.at

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### **[Abstract Title]**

Resilience thinking and action in the context of compound risks

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As pernicious as the global threat posed by COVID-19 is, there are many other threats, especially to poorer nations, including disasters and climate risks, like flooding. The monsoon season is imminent in Asia, and cyclones ravaged islands in the Pacific. These compound risks cause significantly higher losses and damages over time that is not adequately addressed by existing methodologies. Building resilience and enhancing systems thinking in the context of flooding has already been successfully applied. The methodology can be used to make recommendation how compound risks can be better assessed. System-based resilience research, building on a science-society partnership model with partners from civil society and the private sector, shows that using a systems resilience assessment at community level can identify direct short-term and additional longer-term benefits. Investing in capacities builds resilience against compound risks such as flooding and infectious diseases. Our findings indicate that developing fair and functioning (health) systems play a key role in building resilience against compound risks. We further argue that at community and higher decision-making levels, measuring resilience can provide a basis for improving the design of public or privately funded programs to strengthen action under compound risks.



**[Keywords]**

compound risk, measurement; resilience-thinking; flood; COVID