

EGU2020-21602

<https://doi.org/10.5194/egusphere-egu2020-21602>

EGU General Assembly 2020

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The Flood Resilience Dashboard

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The purpose of the “Flood Resilience Dashboard” is to put geo-spatial flood resilience data into the hands of practitioners. The idea is to provide an intuitive platform that combines as much open, peer-reviewed flood resilience related spatial data as possible with available related spatial data from the Flood Resilience Alliance, which in turn can be used to inform decisions. This data will include among others the Zurich Flood Resilience Measurement for Communities (FRMC) data, Vulnerability Capacity Assessment (VCA) maps, remote sensing derived information on flooding and other biophysical datasets (e.g. forest cover, water extent), modelled risk information, satellite imagery (e.g. night-time lights), crowdsourced data and more.

The Dashboard will, as much as possible, lower the entry barrier for non-technical users, providing a simple login experience for the users. Users should be able to explore the Dashboard using standard web map navigation tools. The various charts and tables on the Dashboard dynamically refresh as features on the map are selected or the map extent is changed. No previous experience or understanding of geo-spatial data is required, beyond basic web-map navigation.