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## Mapping and characterisation of compound events in Sweden

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Compound events have significant environmental and societal impacts and bring new challenges to decision-making, planning, and management. Meanwhile, knowledge about compound events and their impacts are limited. Sweden, while being prone to various climate-related natural hazards (e.g., storms, floods, wildfires) have no coherent information on where these events and their impacts have occurred in the past, and less so on compound events. Here we present a new cohesive natural hazards impact database for Sweden, including compound events, to advance our understanding of how these events have unfold during the last 50 years. The impact database consists of available data from multiple sources on past climate-related natural hazard events (e.g., databases and reports from governmental organizations, county boards, and scientific reports). These data have further been geocoded using a Geographic Information System (GIS) to generate an integrated natural hazards map. These two products will help provide knowledge on the spatiotemporal distribution of natural hazard events, including compound events in Sweden, and further advance our understanding of their underlying drivers, and aid ongoing work to effectively plan and prepare for these events.