An approach towards addressing meteorological factors for extreme event impacts (ClimXtreme Module C)

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Basic idea: Go beyond the simple concept of one extreme causing an impact.

Antecedent Factors, Sequences

Long term Adaptation

Additional Factors (other met. Parameters)

Impact and its severity

Extreme meteorological event

Vulnerability

Exposure

Specific hazard characteristics
Goals of ClimXtreme Module C:

IM1 Identification of impact Relevant Weather Situations, antecedent factors and Extreme event characteristics (RWSEs)

IM2 Impact estimation & validation

IM3 Past and future changes
Projects and types of extremes:

- Convective events: CARLOFFF
- Severe precipitation: LASLI, FLOOD
- Heatwaves/Drought: EXIMO, CROP, IHAX, FOREST21
- Large scale storms: WIND