- most of warnings at DHMZ not impact based
- multi-disciplinary approach needed

- 1. High impact weather (warnings)
 - Flooding (flash floods)
 - Fire danger (possibility of extreme fires)
 - Drought prediction
- 2. More derived products (on all scales)
 - Flooding (flash floods)
 - Fire weather index (FWI), vertical instability (Haines index), TKE
 - Standardized precipitation index (SPI)