## optimization of forecasting and advisory process with crisis management systems as a result of the flood event started

>100l/qm/18h, >180 people killed, costs >30 Mrd €

Latest developments at DWD 2021

 warning strategy was nearly perfect, but outreach to the public and cooperation with other autorities must be improved

devasting flood event 14./15.07. in W-Germany (esp. Ahr Valley),

Deutscher Wetterdienst Wetter und Klima aus einer Hand

- former fail safe radar from Borkum (most northwestern part of Germany) is now operational - full dual-pol radar system with 250m resolution completed
- further on challenging pandemic times around 50% of the shifts done from home - well established