Flanders Environment Outlook 2030: Climate change and impacts on water systems till 2100

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1. **Climate scenarios developed** (till 2030 and 2100; based on ensemble approach on 31 RCM runs)
2. **Land use and management scenarios developed** (till 2030; population growth, spatial planning)
3. **Impacts on inland river systems studied:**
   - **water balance and high and low flow extremes** (hydrological modelling: NAM & MIKE-SHE)
   - **floods hazard maps** (quasi-2D hydrodynamic modelling: MIKE11)
   - **flood risk maps** (economic damage: land use based)
4. **Impacts on coastal area (sea level rise, storm surges) studied** (e.g. breach formation due to erosion of natural sea defense)
5. **Policy adaptation strategies proposed**

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