

SRK Climate Change team

The SRK climate change team is committed to sustainability and scientific integrity, openness and accountability, and the protection of human rights.

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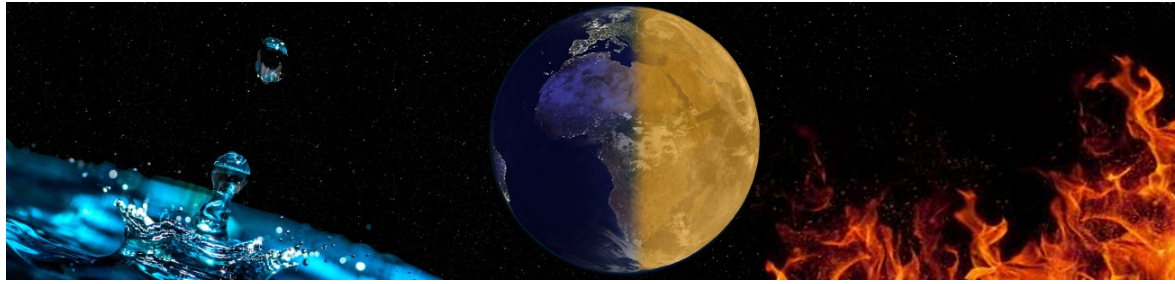
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Disaster management

SRK provides managerial risk reduction and avoidance services associated with climate change disasters including floods, droughts, fires and extreme weather events. These services include:

- Alignment with the requirements of the Disaster Management Act 57 of 2002 as amended
- Analysis of the combined disaster risk outcome due to climate change influences
- Vulnerability profiling
- Incorporating climate change initiatives into disaster management frameworks and plans
- Re-assessment of engineering design criteria based on climate change impacts
- Risk reduction strategies and adaptive capacity building.



SAWS collaboration

SRK has a formal partnership with the South African Weather Service (SAWS), providing specialised weather and climatic information that enhances accuracy of technical climate change advice. These services include:

- Climate change projections (until 2100)
- Specialised climate change adaptation planning
- Customised weather data
- Extreme-weather warnings and multi-hazard forecasts
- Drought and flood monitoring.



Advisory services

SRK understands global climate change objectives and processes and has an in-depth knowledge of national policy and legislative frameworks. SRK offers the following climate change advisory services:

- Carbon tax calculations and verification
- Vulnerability assessments
- Assessment of sectoral- and cross sectoral impacts
- Contingency plans
- Response policy plans
- Alignment with international, national and provincial mandates
- Adaptation and mitigation strategies and programmes
- Implementation plans.



Assessment studies

SRK's team can conduct in-depth studies for climate change assessments, including:

- Identification of climate change landscapes
- Outlining climate change projections and scenarios informed by the Long-term Adaptation Scenarios (LTAS) Climate Change Trends and Scenarios for South Africa
- Identification of project specific risks and opportunities of climate change impacts
- Greenhouse gas emissions assessments
- Carbon accounting.

