

## CLIMATE CHANGE RISK MANAGEMENT

What consequences will climate change have for your organisation?  
How can you avoid certain impacts and optimally adapt to unavoidable changes?



Gaia offers tailored impact studies to develop cost effective and pragmatic solutions for adaptation to climate change. Gaia's Climate Management Solutions include Climate-CIVA (Climate Induced Vulnerability Assessment), a decision-making tool that allows systematic risk mapping, impact assessment and cost-benefit evaluation. Targeted and informed decision making allows you to choose the most efficient climate strategy for your operations.

### THE CHANGING CLIMATE

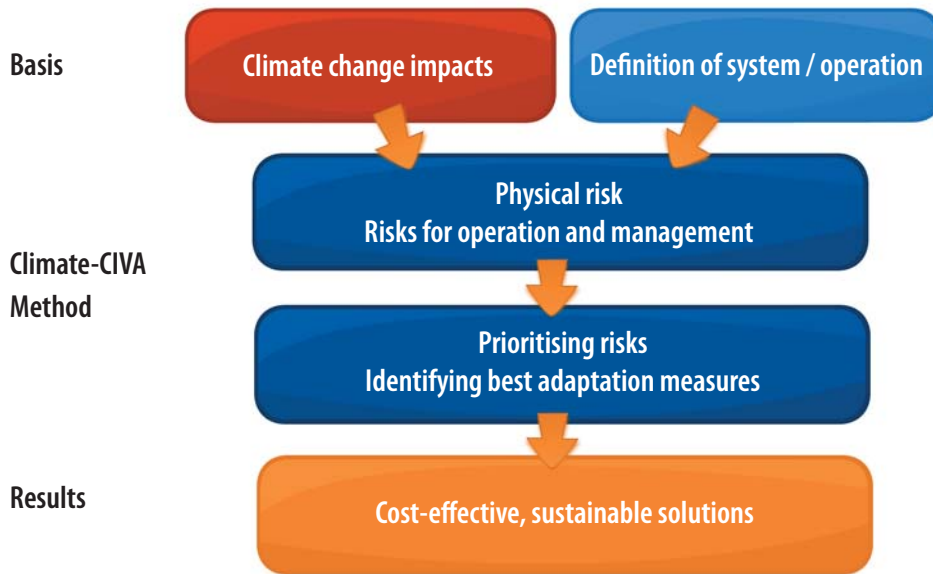
Based on the latest research, estimates for the 21st century foresee an increase of 1,1-6,4°C in the global average temperature. Widespread changes in ocean salinity, wind patterns and aspects of extreme weather including droughts, heavy precipitation, heat waves and the intensity of tropical cyclones, are also expected.

### PREPAREDNESS IS COST EFFECTIVE

Taking climate change induced risks into account in advance is cost-efficient. Using CIVA, Gaia pinpoints the local and global climate related risks you need to consider in your decision making process. We translate latest research results into real term scenarios and use foresight analyses to evaluate and prioritise investments and sustainable adaptation processes.

## CLIMATE-CIVA PINPOINTS RELEVANT RISK MANAGEMENT MEASURES

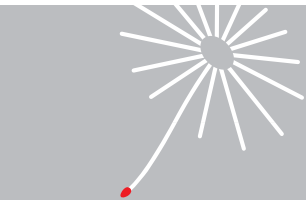
Climate-CIVA is particularly suited for complex and team-based decision making. Based on pinpointing the critical operations and tasks, the main climate change risks and the system’s vulnerability can be identified. Climate-CIVA results in the selection of the most cost efficient adaptation measures that enhance the safety of the organisation.



## GAIA - INNOVATIVE SOLUTIONS FOR SUSTAINABILITY

GAIA is a leading partner for corporations, international organisations, and private and public institutions looking for innovative solutions to sustainability. With Gaia, sustainability will become an integrated part of your organisation’s business strategy enhancing both your competitive edge and responsibility.

Gaia collaborates with its clients in all the core fields of sustainability from risk and safety management to due diligence, and from foresight assessment to climate change and environmental policy. We provide our clients with profound and multi-disciplinary know-how, and a cross-sectoral approach to their challenges. We combine extensive client experience across industries and fields of public sector into deep understanding of the challenges of, and solutions to sustainability.



gaia

*Innovative Solutions  
for Sustainability*

**GAIA GROUP OY**

Bulevardi 6A  
FI-00120 HELSINKI, Finland  
Tel +358 9 686 6620  
Fax +358 9 686 66210

Chemin des Coulevres 8B  
CH-1295 TANNAY, Switzerland  
Tel +41 22 960 80 60  
Fax +41 22 960 80 69

*You will find our climate  
and risk specialists at  
[www.gaia.fi](http://www.gaia.fi)*