



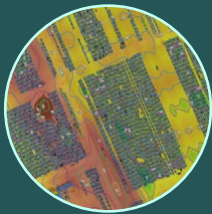
# FLOAT

Leveraging high-resolution elevation data for local flood analysis

## Flood Resilience

1

High-Res.  
Elevation  
Data



2

Flood  
(Depth)  
Simulation



3

Adaptation



## Our Solution

Flood assessments are highly dependent on the underlying elevation data. FLOAT (FLOod Analysis & Topography) leverages high-fidelity elevation data captured through drones, aircrafts, or satellites to boost in-depth flood simulations. Combined with Swiss Re's risk platform Risk Data & Services and other Risk Engineering Services, FLOAT guides you on your journey to flood resilience.

## What You Get

- Analysis of high-resolution **elevation data** of your site (3–50 cm horizontal resolution), e.g., to identify low-lying areas
- Topography-driven **flood mapping incl. flood depths**, e.g., to discover flow pathways or future risk view under climate change
- Simulate the effects of **adaptation** measures, for example flood walls or elevation

## Impact

- Improved **flood risk view** through multiple scenarios
- Foster emergency planning and **risk improvement** strategies
- **Support management** in making better-informed decisions, e.g., about budget approvals



The detailed assessment conducted at our facilities using FLOAT provides invaluable insights for our business operations. This enables Shoprite to plan and mitigate effectively, while also to better meet the expectations of insurers and external stakeholders.

## Watch FLOAT in Action



Scan to watch  
a video about  
Flood Assessment Tool



Scan to read  
more about  
Flood Assessment Tool

## Contact us to request a demo

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