

THE REAL COST WHEN YOUR BUSINESS GETS FLOODED

**WORKBOOK FOR
THE WEBINAR**



FLOOD CONTROL ASIA RS CORPORATION

Bldg. 11C Berthaphil I Industrial Park
Jose Abad Santos Ave., Clark Freeport Zone,
Pampanga, Philippines 2023



+63 45 499 0273



www.floodcontrol.asia



support@floodcontrol.asia

FLOOD CONTROL ASIA RS CORP: GERMANY'S PREMIER FLOOD CONTROL SYSTEMS COMPANY

More than

65,000

Installed Systems

11,000

Satisfied Customers

34

Countries Worldwide

THE REAL COST ESTIMATION FOR A FLOODED BUSINESS

This is what you lose when your house gets flooded.



A flooded business can be a total headache. Damaged machines or equipment can immediately hinder business operations. You as a business manager can lose customers and favorable business opportunities. When the flood damages turn out to be severe, you may also face severe repercussions like shutdown, or even possible closure of business. A nightmare indeed!



This constructive workbook will help you evaluate the impacts of floods on your business. It will also exemplify flood hazards and their damaging effects to your business.



The information you record here will help you decide on the necessary steps that you would take to reduce the cost of flood risk.

This WORKBOOK is FOR YOU!
Fill this out to evaluate the impact of floods in your property.

HOW TO KNOW THE REAL COST WHEN YOUR BUSINESS GETS FLOODED?

STEP 1: Identify the expected flooding height.

Below is a reference for different flood heights. Identify which flood heights you have already experienced. Also, if government flood mapping is available in your area, check the expected flood height from the data.

Instructions:

Put a checkmark (✓) on the box of the flood height you experience.

EXPECTED HEIGHTS:

0.5 m - Knee height



The lightest objects start to float.

1.0 m - Waist height



As the floodwater gets deeper, the floating objects float higher.

1.5 m - Shoulder height



The man loses balance and is about to float, too.

2.0 m - Door height



The man is already floating in the floodwater.

STEP 2: Assess your properties.

Based on the flood height that you have identified, check the different areas of your premises and see what things are at risk for damages.

Instructions:

Put a checkmark (✓) on your preferred currency. If your currency is not on the choices, write it on the space provided. Then, fill out the other spaces with the details needed.

EUR
 USD
 PHP
 Others

A. LOBBY

Affected Goods, Equipment, and Furniture	Unit Price	Quantity	Total Amount of Loss per Item
Tables			
Chairs			
Carpets			
LED Monitors			
Vases			
Lamps			
Display Nooks			
Information Counter			
Air Conditioning Units			
Total Amount of Loss in the Lobby			

B. OFFICES

Affected Goods, Equipment, and Furniture	Unit Price	Quantity	Total Amount of Loss per Item
Tables			
Chairs			
Sofa			
Computer Units			
LED Monitors			
Filing Cabinets			
Printers			
Telephone			
Fax Machine			
Air Conditioning Units			
Total Amount of Loss in the Offices			

C. IT NETWORK SERVER ROOM

Affected Goods, Equipment, and Furniture	Unit Price	Quantity	Total Amount of Loss per Item
Computers			
Network Routers			
Network Switch Hubs			
PABX Boxes			
CCTV Recorder Boxes			
Network Printers			
Cable Cabinets			
UPS units			
IT Spare Supplies			
Air Conditioning Units			
Total Amount of Loss in the IT Network Server Room			

D. STOCK ROOM

Affected Goods, Equipment, and Furniture	Unit Price	Quantity	Total Amount of Loss per Item
Office Supplies			
Archive Documents			
Tools and Equipment			
Total Amount of Loss in the Stock Room			

E. ELECTRICAL ROOM

Affected Goods, Equipment, and Machines	Unit Price	Quantity	Total Amount of Loss per Item
Generators			
Transformers			
Electric Cabinets			
Total Amount of Loss in the Electric Room			

F. MECHANICAL ROOM

Affected Goods, Equipment, and Machines	Unit Price	Quantity	Total Amount of Loss per Item
HVAC systems			
Boiler			
Chiller			
Pumps			
Machines			
Total Amount of Loss in the Mechanical Room			

G. WAREHOUSE

Affected Goods, Equipment, and Machines	Unit Price	Quantity	Total Amount of Loss per Item
Pallet Jacks			
Dock Levelers			
Dock Boards and Plates			
Lights			
Dock Ramps			
Dollies			
Work Benches			
Utility Carts			
Trucks (e.g. platform trucks, stocking trucks)			
Scales and Check-Weighers			
Safety Equipment			
Total Amount of Loss in the Warehouse			

H. BASEMENT

Affected Goods, Equipment, and Areas	Unit Price	Quantity	Total Amount of Loss per Item
Hotel Facilities			
a. Laundry			
b. Kitchen (s)			
c. Stockroom for Seasonal Decorations			
d. Stockroom for Event Props			
Parking			
Engineering Department			
Carpentry Area			
Electrical Workshop Area			
Mechanical Workshop Area			
Total Amount of Loss in the Basement			

I. FABRICATION AREA

Affected Goods, Equipment, and Machines	Unit Price	Quantity	Total Amount of Loss per Item
Tanks			
Mixers			
Generators			
Compressors/Pumps			
Lifts			
Chillers/Refrigeration Equipment			
Shredders			
Bins			
Packaging Machinery			
Total Amount of Loss in the Fabrication Area			

H. PARKING AREA

Affected Goods, Equipment, and Vehicles	Unit Price	Quantity	Total Amount of Loss per Item
Cars			
Motorbikes			
Bicycles			
Tools			
Boxes			
Lumber			
Scrap Materials			
Total Amount of Loss in the Parking Area			

STEP 3: Summarize your losses.

Below is a table for the summary of losses in your flooded property. Add up all the losses for each area.

AFFECTED AREA	LOSS PER AREA
A. LOSS IN THE LOBBY	
B. LOSS IN THE OFFICES	
C. LOSS IN THE IT NETWORK SERVER ROOM	
D. LOSS IN THE STOCK ROOM	
E. LOSS IN THE ELECTRICAL ROOM	
F. LOSS IN THE MECHANICAL ROOM	
G. LOSS IN THE WAREHOUSE	
H. LOSS IN THE BASEMENT	
I. LOSS IN THE FABRICATION AREA	
TOTAL LOSS IN MY PREMISES DUE TO FLOODING	

THIS IS WHAT YOU LOSE WHEN YOUR HOUSE GETS FLOODED 

THE REAL COST ESTIMATION FOR YOUR BUSINESS WHEN IT GETS FLOODED

- 1 LOSS IN MY PREMISES DUE TO FLOODING**
You buy again.
- 2 REPAIR COSTS**
You spend money.
- 3 LOSS OF BUSINESS OPPORTUNITIES**
Daily operation is interrupted because machines and equipment are damaged. Loss of customers because of possible business shutdown
- 4 CLEANING THE MESS**
You spend a lot of time and effort cleaning the premises from the mud and flood damages.



For years, 6,500 serious scientists and scientific associations in 150 countries investigated how the world's climate will change. The results were dramatic. Numerous flooding disasters have overwhelmed many parts of the world. With this, you can expect more devastating tropical cyclones within the next few years. These not only will be more intense, but they will also be more frequent.

Sadly, you can expect that damages will NOT only occur once in 25 years. Due to climate change, the probability that flood damages will happen repeatedly is 10 times higher.

WHAT YOU SHOULD KNOW

“Typhoon Ketsana, Typhoon Haiyan, and Hurricane Katrina will be seen as minor storms, or baby tropical cyclones, compared to those that will hit the world in the future.”



Dr. Andreas Klippe
German Engineer and Flood Expert

INCREASING TEMPERATURE WILL AUTOMATICALLY CREATE MORE TROPICAL CYCLONES

A tropical cyclone needs an ocean temperature of at least 26.5 °C to be created. With atmospheric warming due to climate change, the water temperature of the oceans increases.

THE TROPICAL CYCLONES WILL BECOME MORE INTENSE AND DEVASTATING.

The energy of a tropical cyclone is coming from *the Oceans surrounding it*. When oceans get warmer, more energy will lead to the creation of more typhoons.

**Fill out this workbook to have a good preparation for the webinar.
See you on the WEBINAR.**



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