CASCADE
COMMUNITY SAFETY ACTION FOR SUPPORTING CLIMATE ADAPTATION

Funded by
European Union
Civil Protection
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Online Course

Case Study Group Work

16 February, 2021

What is our task in the group work?

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What is our task?

1. Fill in the risk regret matrix.

2. Apply the MINIMAX-method.

3. Name the action to be chosen by the mayor.

What are our assumptions?

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What are our assumptions?

1. If the dike reinforcment is done, the cost to rebuild the highways is only 15€.

2. If you increase the height of the dike, the hospital can be reopen if you repair the damage for 10€.

3. All in all, the cost for cleaning the drinking water and the cost for building the dike is 155€ together.

4. To repair the breakdown of power supply you need to spend 200€. The water dirch reduces the money to spend by 25€.

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Fill in the Cost Matrix first!
Then apply the MINIMAX-method!

		scenarios			
		flooding of highways	closure of a hospital	pollution of drinking water	breakdown of power supply
	costs (€)	**150**	**300**	**800**	**2000**
	possibility		*30%*		*10%*
	total costs (€)		*90*		
action	**costs (€)**				
do nothing	**0**		*90*	*160*	
water ditch	**30**	*75*	*95*	*165*	
dike reinforcment	**60**	*75*	*85*		*180*
dike increase	**100**	*100*		*140*	*170*

Thank you!
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Hamburg Fire and Rescue Service