

# How water flow goes in Kuro river

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# Back ground

- Kuro river
- Some student do research every 2year but there is no data about water flow go into whole area

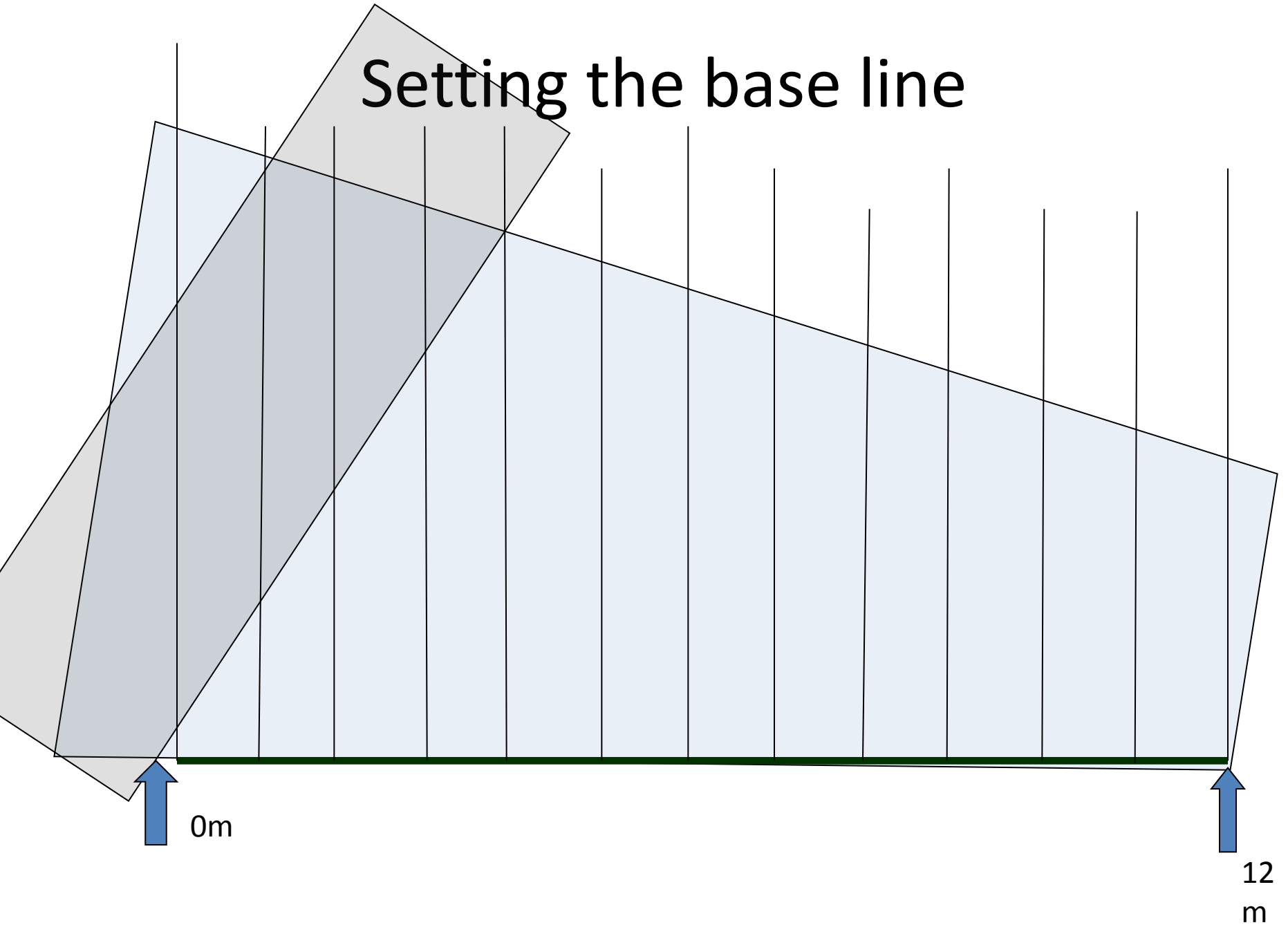


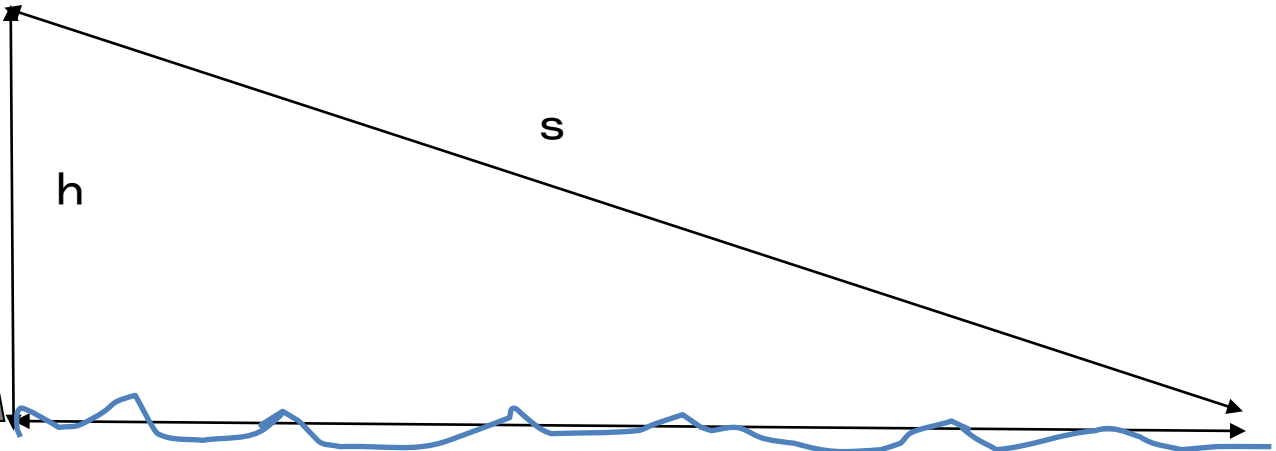
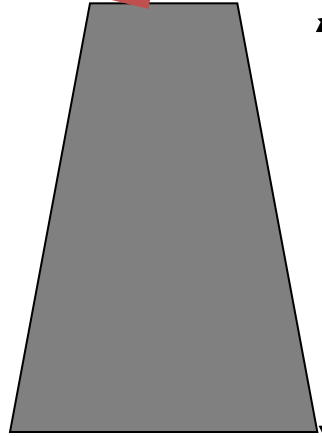
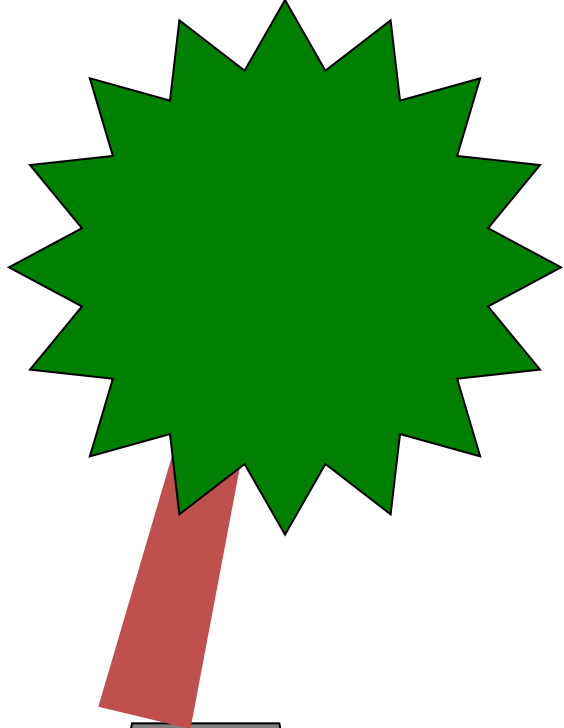


# method

- set base line along shore
- measure width of the river and draw the map of the area
- measure water currency in every 1mater

# Setting the base line

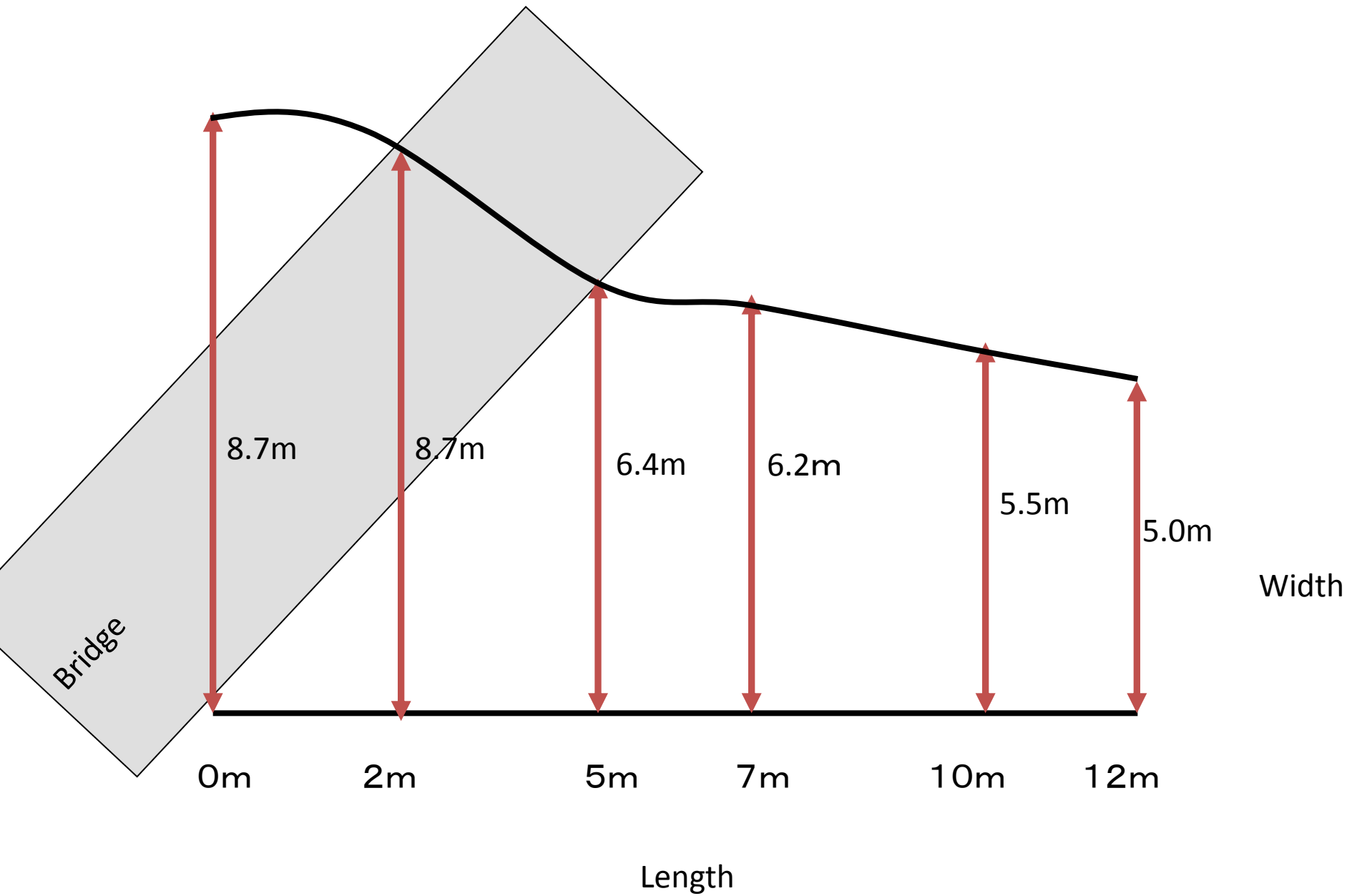




$$w^2 = s^2 - h^2$$

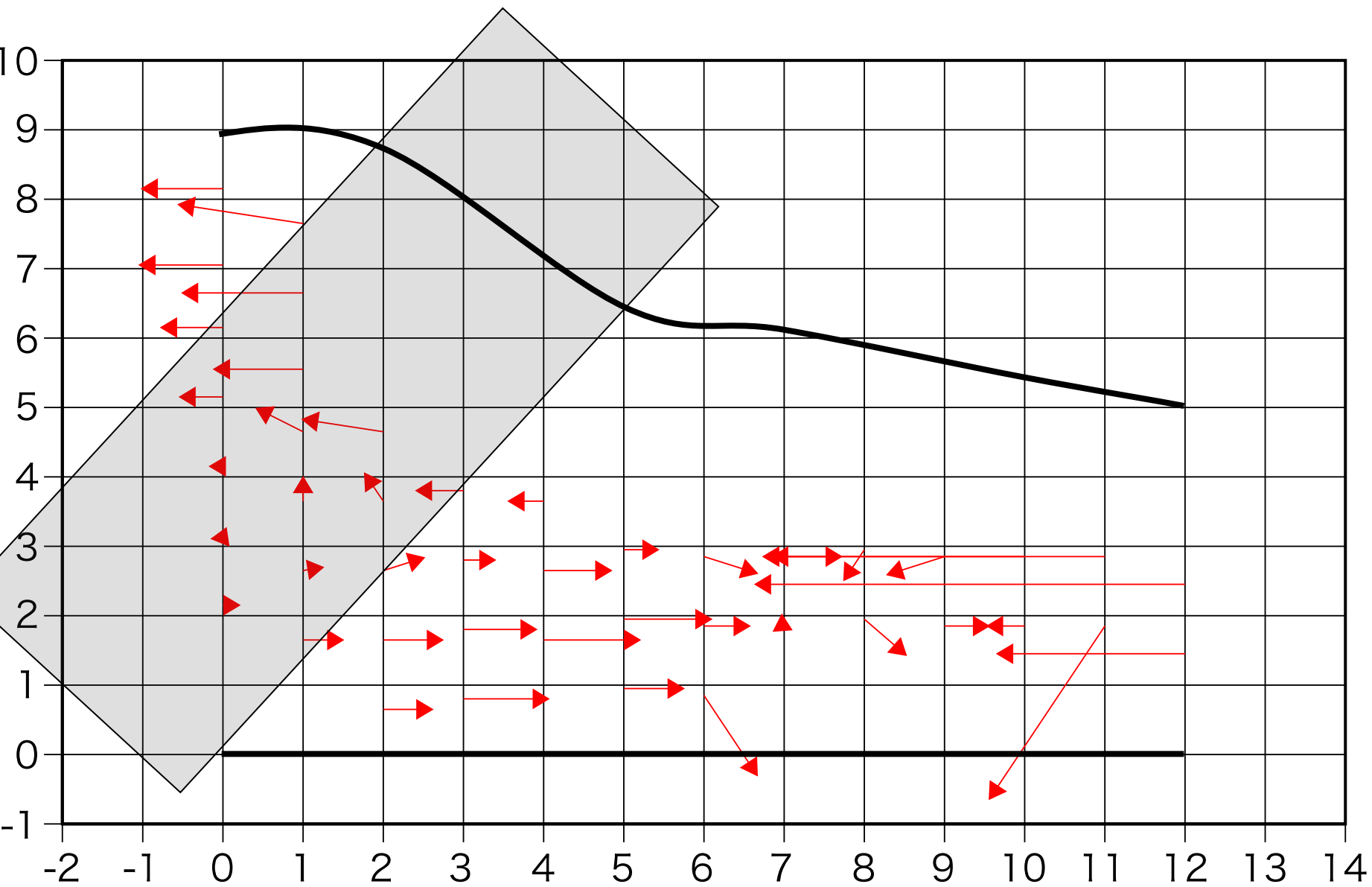
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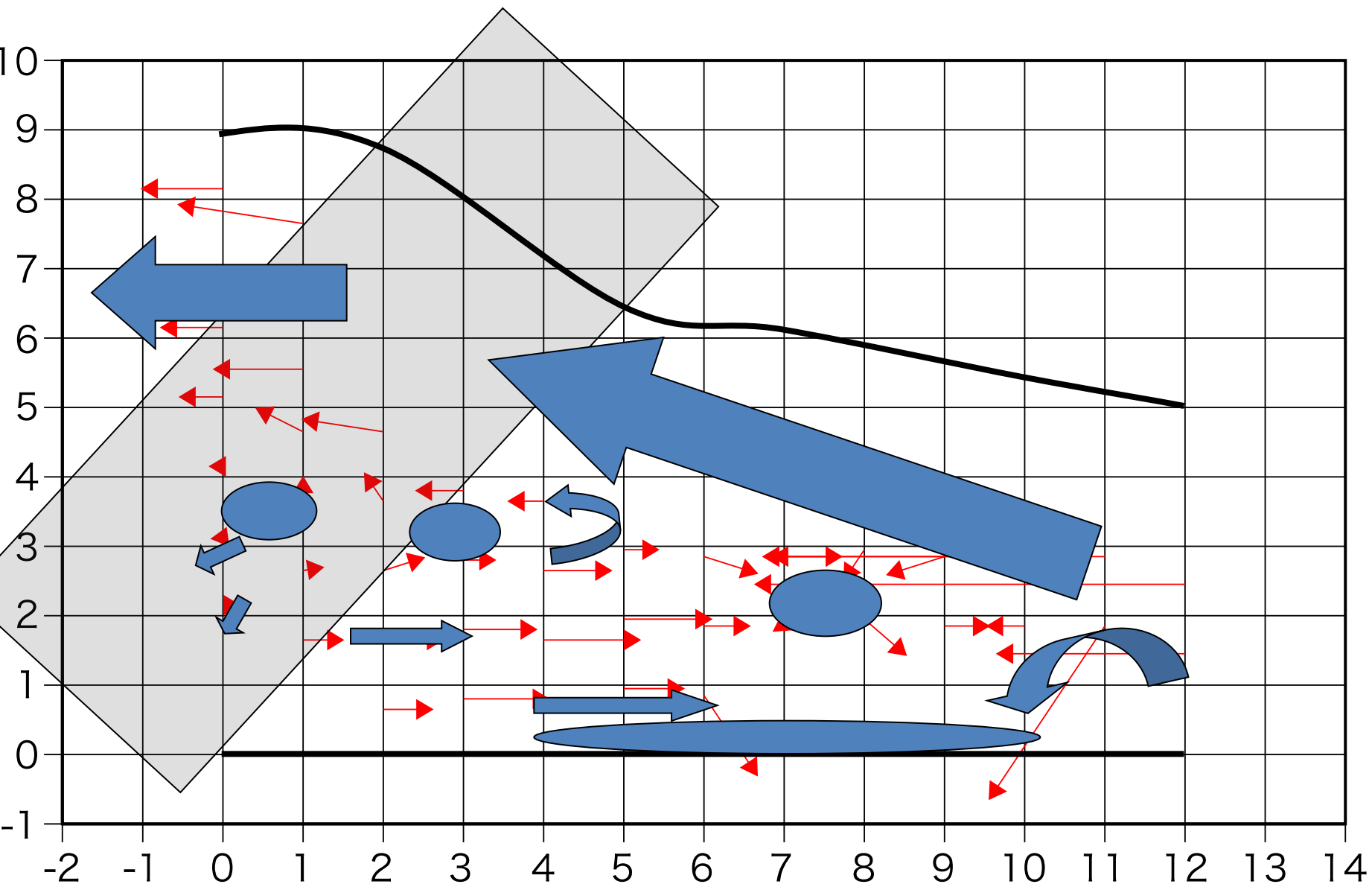












# Result

- There is some places where water flow is almost stopped even in middle of the river
- Most of water flow through the deeper area

# Discussion

- In this area, environment about water flow and depth can divided into 3

water flow is very fast and deep

middle depth and no water flow

water flow is very slow and shallow

It is expected that there are some other factors correspond situation in those three area