

## Quiz 2

(5 points)

Time: 22 September 2021 at 15:00-15:30 (30 minutes)

There are 2 questions. You need to answer all two questions. Please **submit** your answers in a PDF file with a file name “**Quiz2\_StudentID\_FirstName Surname**” via BE Moodle class before **15:40**.

Write a paragraph to answer two questions below:

**Question 1: What are the problems in water resource management?** (2.5 points)

**Question 2: What could be a source of inefficient allocation of land?** (2.5 points)

### Question 1

In our world, it has a very large percentage of water. However, there are only very few numbers that can be used for consumption and for ecosystems. Water scarcity is also depend on the climate change and bio-energy demands. The quality of water is also a very important problem that we all should concern. Some water resources are having large amount of bacteria or chemicals due to the water pollution. This can lead to a problem on lack of drinking water as well. Another big problem for the water resource management is the water stress. If we withdraw the water with higher proportion than its availability, then the country will going to face the water stress. Water demand for energy is also a large problem because of the need of energy are higher and higher in every day.

### Question 2

There are many source of inefficient allocation of land. Firstly, undervaluing environmental amenities is one of it. Sometimes, they do a agriculture with a very large area and there is someone that gets benefits or enjoy benefits without paying the costs. So, the owner of the land may not do the agriculture with a large area again because they do not get the benefits. Another one is insecure property rights. Most of the land are first-come, first-served, so the benefit is for the first occupier but they use for their own benefit but not for society. So, the land isn't based on the highest value.