

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)

1. The problem of water resource management can be categorized into 4 category.

The first one is water scarcity, this problem is caused by the failure of institution to ensure a regular supply or due to lack of water transport system. This problem is regularly found in the rapidly growing urban area that need to depend more water from the neighboring water resource.

The second one is the access to clean water. This problem is cause by the rural area can not find safe drinking water in homes, healcare facilities, schools, and workplaces. This problem cause water-borne disease and malnutrition which lead to death among children under five.

The third one is the water demand for energy is growing. Since nowadays most of the production use water in their production line such as agriculture, industry, energy and municipal water supply are the one that has a high water use which something created a water shortage.

The forth one is water quality. The available water is polluted with chemical, salt, or bacteria. This caused the problem of limited supply for drinking water.

2. The problem of source of inefficient allocation of land. This problem come from the fact that the land should be best use. In particar some of the land are result in inefficient allocation of land. The first one is market problems due to the poorly specify the property right such as insecure property right from over exploitation of land. The second is public sector problem is due to inefficient tax and fee stuture because the property tax does not reflect the current activity's use and lead to bias against land intensive activities. The last one is government failues because public policies sometimes distort land-use allocation such as building roads into preserved land , lowering transportation costs.