

Free course Water use and the water cycle

Free statement of participation on completion



About this free course

10 hours study

Level 2: Intermediate

Ratings ★★★★★

4.8 out of 5 stars

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Course description

Water is arguably the most important physical resource as it is the one that is essential to human survival. Understanding the global [water cycle](#) and how we use water is essential to planning a sustainable source of water for the future. Water use and the [water cycle](#) is a free course designed to give an introduction to the subject.

1 Water use

- 1 Water use
 - 1.1 Water as a resource
 - 1.2 The economics of water
 - 1.3 Summary of Section 1

2 The water cycle

- 2 The water cycle
 - 2.1 Storage of water in the hydrosphere
 - 2.2 Precipitation
 - 2.3 Interception, evaporation and transpiration
 - 2.4 Summary of Section 2

Course learning outcomes

After studying this course, you should be able to:

- describe the different ways in which water is used, and the quantities used for various purposes
- distinguish consumptive and non-consumptive uses of water
- recognise uses of water that are elastic in demand and those uses that are inelastic in demand
- describe and quantify the processes that transfer water between parts of the **hydrological cycle**, calculate residence times for water in different parts of the **hydrosphere**, and identify those parts of the cycle that are most suitable for water resources
- recognise the factors that control **precipitation**, interception, evaporation, **transpiration** and how these vary globally.

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Statement of participation

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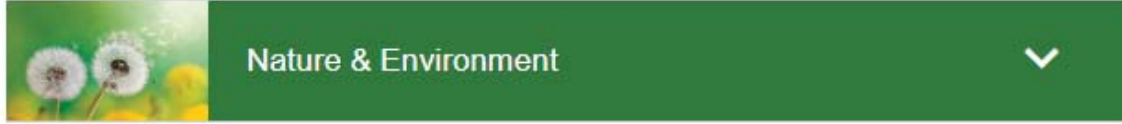


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2. Select the Nature and Environment button :



3. Scroll down until you find the “Water use and the water cycle” option

Water use and the water cycle	10	Intermediate
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5. Email the statement to me : thalls@neale-wade.org

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