

Chapter 3: Water Resources

1. In what way has your village/ town/ city been affected by water supply issues recently?

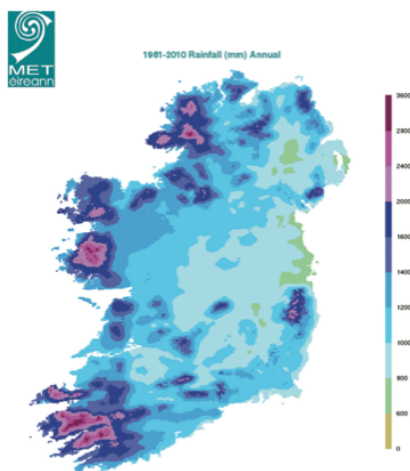
2. What is water scarcity?

3. What percentage of the world's population live in areas of water scarcity?

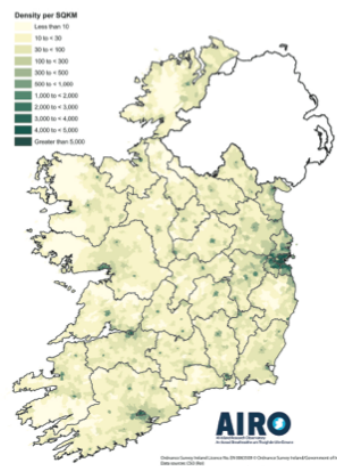
4. How much water do Irish households use every day?.

5. What percentage of drinking water is lost through leakage in Ireland every day?

6. What problem do these maps describe?



3.03 Ireland's mean annual rainfall (mm) distribution 1981–2010. Source: Met Éireann.



3.04 Ireland's population density (2011 Census). Source: AIRO.

7. Number these activities in order of the percentage of domestic water consumption (from highest to lowest)?

<ul style="list-style-type: none">• hand washing• dishwasher• toilet• shower• car washing	<ul style="list-style-type: none">• bath• washing machine• bathroom hot tap• cold taps• garden
---	--

8. Recommend one simple thing that a family can do to reduce their water consumption.

9. Calculate the weekly amount of water used by a family of four people for flushing the toilet:
a. using a standard single flush toilet,
b. using a dual flush toilet.

10. List three benefits of water metering.

10. How much hot water related carbon dioxide is emitted by a typical household per annum?
