Learning Objectives

By the end of this module...

• You will learn a few key terms such as water management, water security, water quality, water pollution and wastewater and you will get familiar with the GSTC criteria

• You will realise why water is an indispensable and limited resource for human survival, which sometimes confront peoples’ interests.

• You will get a deeper understanding of the current and future threats that affect -or might affect- Lombok.

NOTES:
Agenda

3.1 Key concepts:
   • Water management, water security, water quality and wastewater

3.2 Main threats for islands like Lombok

3.3 Water use in hotels. Tips to make a difference.

3.4 Review of GSTC Criteria (D6, D7, D8, D9)

3.5 Questions

NOTES:
Water is Life and therefore, we need water to survive.

Did you know that the average adult human body is 60% water? And were you also aware that a human can go for more than three weeks without food, but cannot last more than 4, 5 days without water (liquid)?

If world’s population continues growing, from current 7.3 to 8.5 billion in 2030 and the same management of this resource continues being the same, there will be a clear competition for this precious resource and the water quality will be also at stake.

NOTES:
**** SECTION 1 ****

Water Management

NOTES:
Water Usage

NOTES:
Water Security

NOTES:
Water Quality

NOTES:
Wastewater

NOTES:
*** SECTION 2 ***

Main Threats

NOTES:
**** SECTION 3 ****

Average Water use in Hotels

NOTES:
Example

NOTES:
NOTES:

***** SECTION 4 *****
D6 Water Management

The destination has a system to encourage enterprises to measure, monitor, reduce, and publicly report water usage.
D7 Water Security

The destination has a system to monitor its water resources to ensure that use by enterprises is compatible with the water requirements of the destination community.

NOTES:
D8 Water Quality

CRITERION

The destination has a system to monitor drinking and recreational water quality using quality standards. The monitoring results are publicly available, and the destination has a system to respond in a timely manner to water quality issues.

NOTES:
The destination has clear and enforced guidelines in place for the siting, maintenance and testing of discharge from septic tanks and wastewater treatment systems, and ensures wastes are properly treated and reused or released safely with minimal adverse effects to the local population and the environment.
**** SECTION 5 ****

Questions

• Do you think that Lombok has enough water for human/animal consumption?

• Would you say that, at present, there are issues and disputes with the usage of water?

• What things could you do to improve the water quality?

NOTES:
KERJA BAGUS!!
You finished the third module.
Ready to do three more?

Next module:
Solid Waste Reduction