

[illegible]A woman in a blue shirt and patterned skirt sits on a pile of debris, holding a large metal drum. In the background, a snow-capped mountain rises above a valley. A boy in a blue jacket and red hat stands on a pile of debris in the foreground. Another person is visible in the distance, sitting on a pile of debris. The scene is set in a mountainous region with a clear blue sky. The text 'Introduction to Chapter 1' is overlaid in the top right corner, and 'A Resilient Future: Science and Technology for Disaster Risk Reduction' is overlaid in the middle right section.

Introduction to Chapter 1

A Resilient Future: Science and Technology for Disaster Risk Reduction

A woman in a blue shirt and patterned skirt sits on a pile of debris, holding a large metal drum. In the background, a snow-capped mountain rises under a clear blue sky. A young boy in a blue jacket and red cap stands on the debris, and another person is visible in the distance. The scene is set in a mountainous region, likely after a disaster.

Introduction to Chapter 1

A Resilient Future: Science and Technology for Disaster Risk Reduction



Introduction to Chapter 1 A Resilient Future: Science and Technology for Disaster Risk Reduction (interviewer speaking foreign language)
Well, I was going down towards Kalikasthan and in Shanti Bazaar I was distracted for a while Then on the way, near the Chinese Bridge, there is an electric pole (for electric supply) which you might have noticed. Suddenly, I was caught by the earthquake at this place. At that time, I knew nothing about what was happening. The sound of Gandaki (river);... vibrations of the ground... vibrations due to the earthquake Suddenly, the road tore apart, stones were falling from uphill and the debris covered the road I managed to run... but got injured one friend died we were 3, I was injured but I survived. The other friend was behind and got less injured.

Notes

Summary

0m 00s



Objectives of chapter 1



- Present the characteristics of some natural hazards
- Explain the basic concepts of Disaster Risk Reduction (DRR)
- Define Science and Technology

A Resilient Future: Science and Technology for Disaster Risk Reduction

Dear participants, Welcome to chapter 1 of the MOOC, A Resilient Future: Science and Technology for Disaster Risk Reduction. Unfortunately, natural hazards such as the 2015 earthquake in Nepal, or more recently in Italy, can cause large losses. A first step to reduce the risks is to know the characteristics of these phenomena. Therefore, in this first chapter, EPFL lecturers will walk you through the characteristics of earthquakes, as well as floods and landslides, the three natural hazards on which this MOOC will focus. Furthermore, the basic concepts of Disaster Risk Reduction will be explained. Science and technology will be defined in the context of this MOOC, and the week will end with an interview with former UNISDR Secretary-General, Dr.

Notes

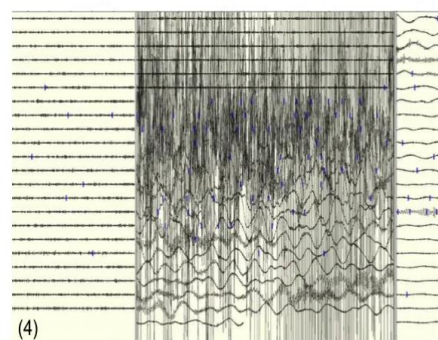
Summary



1m 08s

Questions addressed in this chapter

- What are natural disasters, especially landslides, floods and earthquakes?
- What are hazards, disasters, risk, vulnerability, and disaster risk reduction?



A Resilient Future: Science and Technology for Disaster Risk Reduction

Glasser. The questions addressed by this first MOOC chapter, are the following: What are natural disasters, especially landslides, floods and earthquakes? How do we define hazard, disaster, risk, vulnerability and disaster risk reduction?

Notes

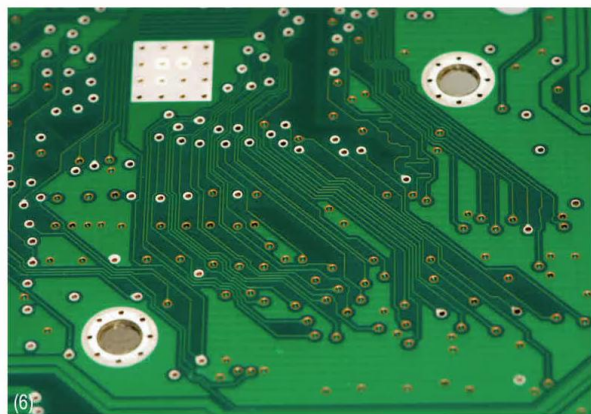
Summary



1m 59s

Questions addressed in this chapter

What are science and technology? Why are they important for DRR?



A Resilient Future: Science and Technology for Disaster Risk Reduction

A central aspect of this MOOC, is its focus on science and technology. So we need to know what we mean by science and technology, and why they are important for DRR.

Notes

Summary



2m 15s

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The entire team of the MOOC, A Resilient Future: Science and Technology for Disaster Risk Reduction, welcomes you to the first chapter, and we hope that you will enjoy it.

Notes

Summary



2m 26s