

A woman in a blue shirt and patterned skirt sits on a pile of debris, holding a large metal drum. A boy in a blue jacket and red cap kneels nearby. In the background, snow-capped mountains rise under a clear blue sky. The scene is set in a mountainous region, likely Nepal, with traditional wooden structures and prayer flags visible. The text 'Introduction to Chapter 6' is overlaid in the top right corner, and 'A Resilient Future: Science and Technology for Disaster Risk Reduction' is written below it in red.

Introduction to Chapter 6

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. A child in a blue jacket and red hat stands nearby. The background shows snow-capped mountains under a clear blue sky. The scene is set in a mountainous region, likely Nepal, with a focus on disaster risk reduction. The debris includes wooden planks, metal rods, and other construction materials. The woman is looking down at the drum, and the child is looking towards the camera. The mountains in the background are majestic and covered in snow, with some peaks partially hidden by clouds. The overall atmosphere is one of resilience and rebuilding.

Introduction to Chapter 6

A Resilient Future: Science and Technology for Disaster Risk Reduction

A woman in a blue shirt and patterned skirt sits on a pile of wooden debris, holding a large, dark, circular metal pot. A young child in a blue jacket and red hat stands nearby. In the background, snow-capped mountains rise under a clear blue sky. The scene suggests a community in a mountainous region, possibly recovering from a disaster. The text 'Introduction to Chapter 6' is overlaid in large black font, and 'A Resilient Future: Science and Technology for Disaster Risk Reduction' is overlaid in red font below it.

Introduction to Chapter 6

A Resilient Future: Science and Technology for Disaster Risk Reduction

Objectives of chapter 6



- Introduce the science and technology that can contribute to post-disaster recovery and reconstruction, and how they can help to “build-back better”
- Exchange information and knowledge via an online forum on strengths and weaknesses in applying, adapting, transferring and adopting technologies

A Resilient Future: Science and Technology for Disaster Risk Reduction

Pour revenir à la vie normale, reconstruire notre maison avant la mousson pluvieuse ou le prochain hiver enneigé est l'une de nos plus grandes préoccupations. Nous avons reçu des tôles ondulées qui ne sont pas suffisantes. Nous ne voulons pas construire notre maison seulement avec des pierres comme avant. Si possible, nous voulons construire une maison plus forte en utilisant du ciment et des tiges de fer. Moi-même, les villageois et les gens du district, avons tous le même désir et la même demande." Chers participants, Bienvenue au chapitre 6 du MOOC, Un avenir résilient: la science et la technologie pour la réduction des risques de catastrophe dans ce chapitre, nous présenterons les technologies qui peuvent aider à la reconstruction après la catastrophe, et illustrer comment elles peuvent contribuer à mieux reconstruire. Nous favorisons également l'échange d'informations et de connaissances sur les forces et les faiblesses de l'application, de l'adaptation, du transfert et de l'adoption de technologies via le forum en ligne.

Notes

Summary



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Questions addressed in this chapter

- What are science and technology that can be used in recovery, rehabilitation, and reconstruction?
- How can UAVs contribute to reconstruction?



A Resilient Future: Science and Technology for Disaster Risk Reduction

Dans ce chapitre, les questions suivantes seront traitées par des entretiens avec nos partenaires Quelle est la science et la technologie qui peuvent être utilisés dans la récupération, la réhabilitation et la reconstruction? Comment les véhicules aériens sans équipage peuvent-ils contribuer à l'urgence et à la reconstruction?

Notes

Summary



Questions addressed in this chapter



How do we “build-back better” after a disaster?

A Resilient Future: Science and Technology for Disaster Risk Reduction

Comment pouvons-nous «reconstruire mieux» après une catastrophe?

Notes

Summary



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Introduction to chapter 6



A Resilient Future: Science and Technology for Disaster Risk Reduction

Après avoir visionné les vidéos, nous vous invitons à participer à la deuxième discussion en ligne de ce MOOC sur les forces et les faiblesses dans l'application, l'adaptation, du transfert, et de l'adoption de la science et des technologies dans les pays développés et en développement. J'espère que vous apprécierez ce chapitre et que vous vous joindrez à nous dans les discussions via le forum en ligne.

Notes

Summary



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(1) Interview of Bahadur Lopchan in Ramche, Nepal, by Julien Robyr for EPFL - CODEV, Switzerland.

(2) "[Bryce Harris, an AVID works with NSET seen here with Ms. Bhubaneswari Parajuli, an Australian Alumni, is the Gender, Social and Environmental Management Specialist at the National Society for Earthquake Technology Nepal \(NSET\)](#)" by [Australian Department of Foreign Affairs and Trade](#) is licensed under [CC BY 2.0](#)

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Notes

Summary



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