Designing Schools of the Future to Build Education Resilience post COVID-19

World Bank

Carina Fonseca Ferreira
School closures caused by COVID-19

Number of Students in countries with fully closed schools

698,802,893

Number of Students in countries with partially closed schools

124,818,355

Number of countries by information status as of 10/21/2020 4:46:15 PM

- Closed: 59
- Closed (in select areas): 7
- Seasonal school closures: 1
- Open with limitations: 102
- Open: 25
- Null, no information available, Not Applicable: 7

© 2020 Mapbox © OpenStreetMap

Data and Analytics: EduAnalytics (EduAnalytics@worldbank.org); Enrollment data from UIS as of March 17th, 2020 downloaded from the World Bank API (SE.PRE.ENRL; SE.PRM.ENRL; SE.SEC.ENRL; SE.TER.ENRL).
About 4000 schools damaged or destroyed
The return on investment is obvious
Green Design

Learning Environments

Illustration credit: Perkins & Will
Photo credit: Perkins & Will
Flexibility and Adaptability

Communities
Photo credit: 100 Resilient Cities - Pioneered by the Rockefeller Foundation
Overview of the session

Vivian Argueta Bernal
Case study from Cali, Colombia

Tigran Shmis
Innovation and impact in school infrastructure design: example from Russia

Takaharu Tezuka
Case study from Japan