



Save the Children

# Introduction: DRR in Education & Comprehensive School Safety

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June 4, 2018    Brown Bag Lunch, SDC, DRR in the Education Sector

# 1. Why DRR in the education sector?

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## Impact of hazards and disaster risks on children & education


- 200 million children/year are impacted by disasters
- 30-50% of those impacted by disaster are children

# Philippines



The 2006 Typhoon Durian caused \$20 million in damage to schools, including to 90-100% of school buildings in three cities and 50-60% of school buildings in two others

# Bangladesh

A wide river in Bangladesh is filled with numerous wooden boats, many of which are crowded with people. The boats are of various sizes and are being used for transport. The water is calm, and the background shows a hazy, overcast sky. The boats are scattered across the river, with some closer to the banks and others further out. The people on the boats are dressed in casual clothing, and some are using long poles to navigate the water. The overall scene depicts a busy waterway in a rural or semi-urban area.

The 2017 floods resulted in an estimated 3 million children in need of education in emergencies assistance with at least 4,000 primary and high schools, colleges and madrasas affected by floods and requiring immediate repair.

Since 1970, on an average 900 schools suffer severe damage every year and 4,666 schools are affected per year.

# Disaster Impact on education

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- 1. Physical impact on students and staff**
- 2. Physical impact on school facilities**
- 3. Educational impact on student attendance, enrolment and achievement**
- 4. Psychosocial impacts on students and staff**

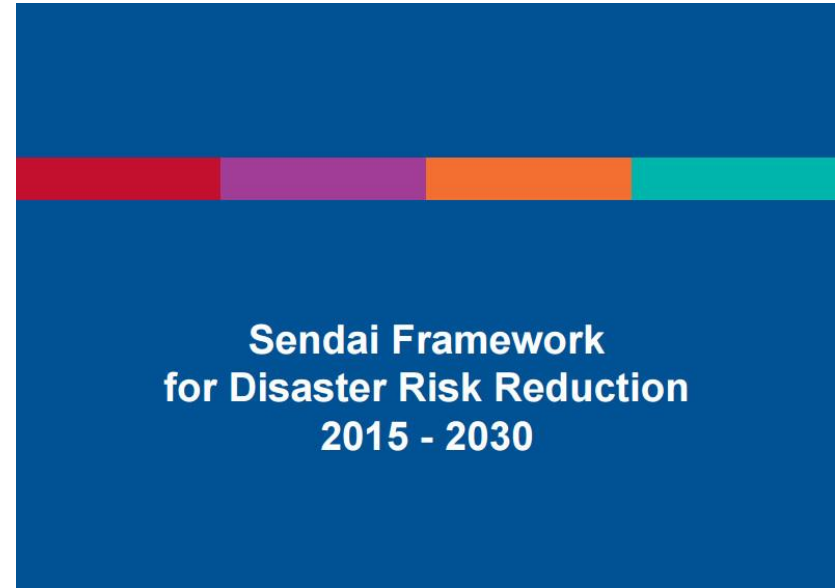
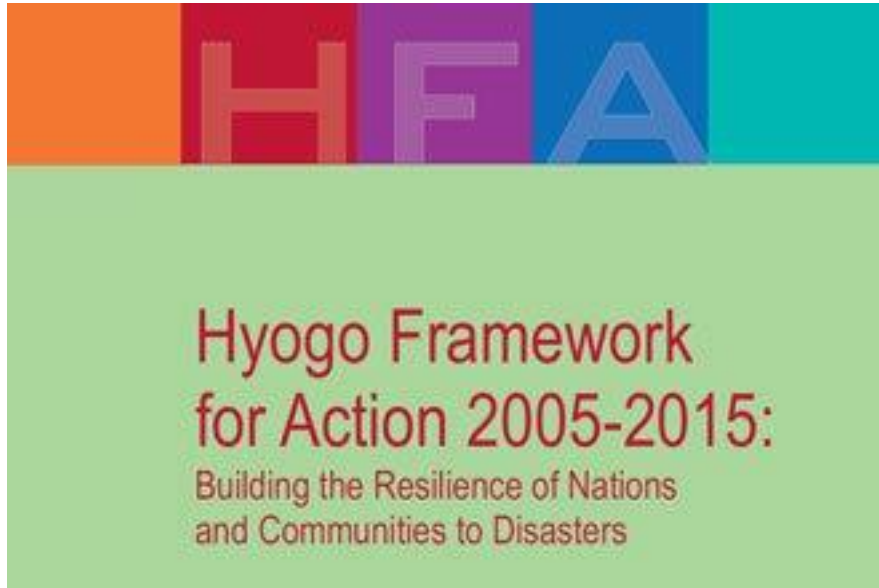


## 2. The Global Agenda: Relevant guiding frameworks, agreements and initiatives

# The Global Agenda: Relevant Guiding Frameworks

## UNISDR frameworks

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# The Global Agenda: Relevant Guiding Frameworks

## The Sendai Framework

### 1 Outcome

The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries.

### 4 Priorities

1. Understanding disaster risk
2. Strengthening disaster risk governance to manage disaster risk
3. Investing in DRR for resilience
4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction

### 7 targets

#### Reduce:

- Disaster mortality
- The number of affected people
- Direct disaster economic loss
- **Disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities**

#### Increase

- the number of countries with national and local DRR strategies
- the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to the people

#### Enhance international cooperation



# The Global Agenda: Relevant Guiding Frameworks

## SDGs

<b>TARGET 1</b>	End Poverty in all its forms everywhere (1.4, 1.5)
<b>TARGET 3</b>	Ensure healthy lives and promote well-being (3.3, 3d)
<b>TARGET 4</b>	Ensure inclusive and equitable quality education opportunities for all (4.1, 4.7, 4.a)
<b>TARGET 6</b>	Ensure availability and sustainable management of water and sanitation for all (6.2, 6.4, 6.a, 6.b)
<b>TARGET 9</b>	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation (9.1, 9.4, 9.a)
<b>TARGET 10</b>	Reduce inequality within and among countries. (10.3, 10.7)
<b>TARGET 11</b>	Make cities and human settlements inclusive, safe, resilient and sustainable. (11.5, 11.6, 11.b, 11.c)
<b>TARGET 12</b>	Ensure sustainable consumption and production patterns (12.5, 12.8)
<b>TARGET 13</b>	Take urgent action to combat climate change and its impacts. (13.1, 13.3, 13.b)
<b>TARGET 16</b>	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels. (16.1, 16.7)
<b>TARGET 17</b>	Strengthen the means of implementation and revitalize the global partnership for sustainable development (17.16, 17.17, 17.18, 17.19)

# Worldwide initiative for Safe Schools

The screenshot shows the UNISDR website header with the logo and navigation menu. The main content area features a large heading 'Worldwide Initiative for Safe Schools' and a sub-heading 'A CALL TO GOVERNMENTS TO IMPLEMENT SAFE SCHOOLS GLOBALLY'. Below this is a photograph of children in a classroom. To the right of the photo is a text block describing the initiative. Further right is a social media sharing bar and a banner for the 2018 AMCDRR conference.

**UNISDR**  
United Nations Office for Disaster Risk Reduction

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Search  GO

Connect and convince to reduce disaster impacts

WHO WE ARE ▾ WHAT WE DO ▾ WHERE WE WORK ▾ WHO WE WORK WITH ▾

HOME > WHAT WE DO > WE CAMPAIGN > WORLDWIDE INITIATIVE FOR SAFE SCHOOLS

## Worldwide Initiative for Safe Schools

**A CALL TO GOVERNMENTS TO IMPLEMENT SAFE SCHOOLS GLOBALLY**

The UN Office for Disaster Risk Reduction (UNISDR) is facilitating action with members of the Global Alliance for Disaster Risk Reduction and Resilience in the Education Sector (GAD3RES) to promote coherent and coordinated action on school safety globally. In this spirit, the UNISDR has coordinated the development of a Worldwide Initiative for Safe Schools as a global umbrella partnership programme for school safety implementation that encompasses key safe school initiatives in support of resilient educational facilities, school disaster management and disaster risk reduction and resilience education. The WISS was endorsed by GAD3RES members and resulted in the political commitment of 21 “Safe School Leader” countries to implement school safety on the ground.

2018 AMCDRR  
3-6 JULY 2018  
ULAANBAATAR

The Asian Ministerial Conference on Disaster Risk Reduction 2018, Ulaanbaatar, Mongolia 3-6 July 2018.

# 3. The Comprehensive School Safety Framework

# Comprehensive School Safety framework



## Comprehensive School Safety



A global framework in support of  
The Global Alliance for Disaster Risk Reduction and Resilience in the Education Sector  
and The Worldwide Initiative for Safe Schools

March 2017



# GADRRRES

## Global Alliance for DRR and Resilience in the Education sector



*The mission of GADRRRES is to ensure that all schools are safe from disaster risks and all learners live in a culture of safety.*

On this website you can find information about the disaster risk reduction and resilience activities of the leading [humanitarian and development organizations](#) working in the education sector around the world.

The current agenda of GADRRRES includes an active participation in the [World Conference on Disaster Risk Reduction](#) as well as in the ongoing process of defining the post-2015 global development goals. GADRRRES has developed and endorsed the [Comprehensive School Safety Framework](#) and actively promotes the [Worldwide Initiative for School Safety](#).



For more information contact: [gadrrres@gmail.com](mailto:gadrrres@gmail.com).



# GADRRRES Members

unicef



UNISDR

The United Nations Office for Disaster Risk Reduction



Save the Children



Plan

INTERNATIONAL



FEDERATION

INEE

World Vision®



Asia Pacific Coalition  
for School Safety



GFDRR

Global Facility for Disaster Reduction and Recovery



GESTIÓN DEL RIESGO DE DESASTRES  
SECTOR EDUCACIÓN  
AMERICA LATINA Y EL CARIBE



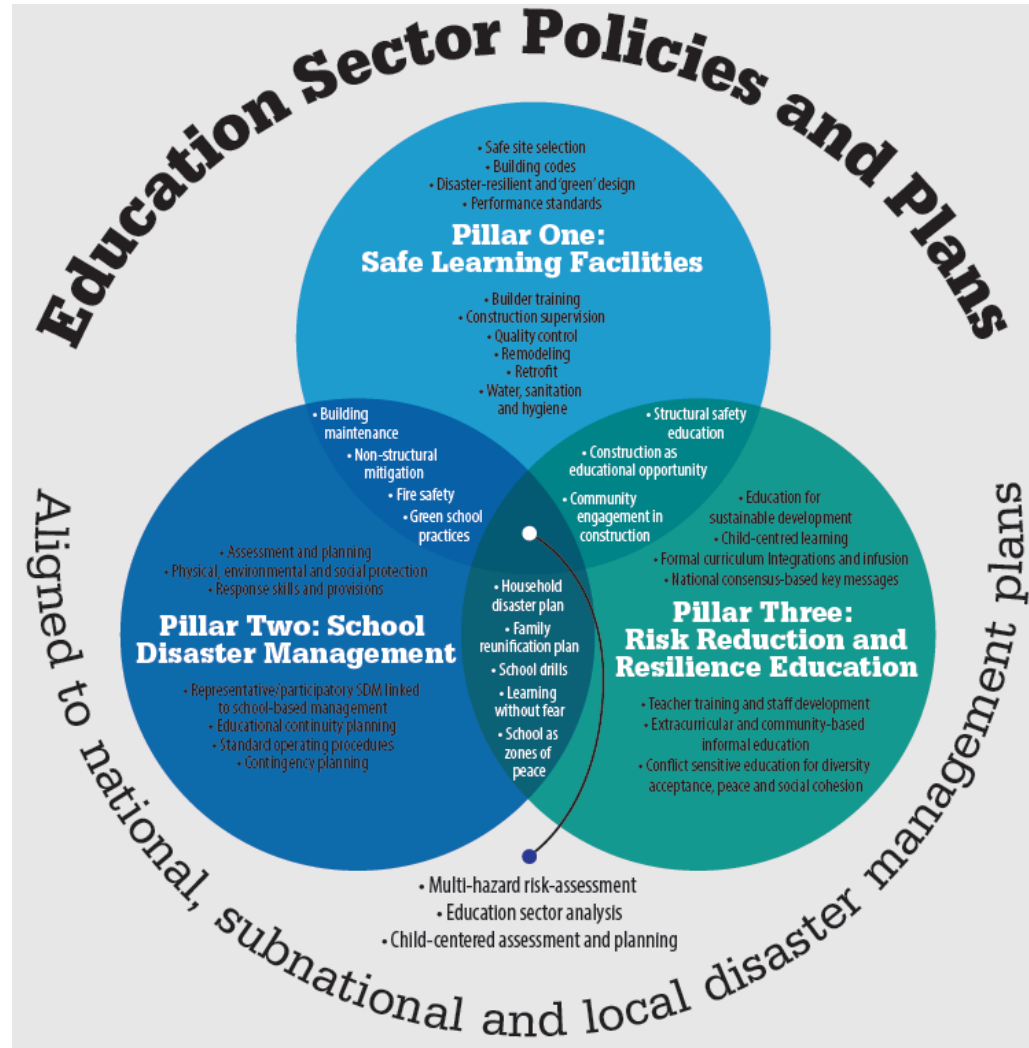
# Goals of Comprehensive School Safety

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1. Protect students and educators from death, injury, and harm in schools
2. Plan for continuity of education through all expected hazards and threats
3. Safeguard education sector investments
4. Strengthen risk reduction and resilience through education



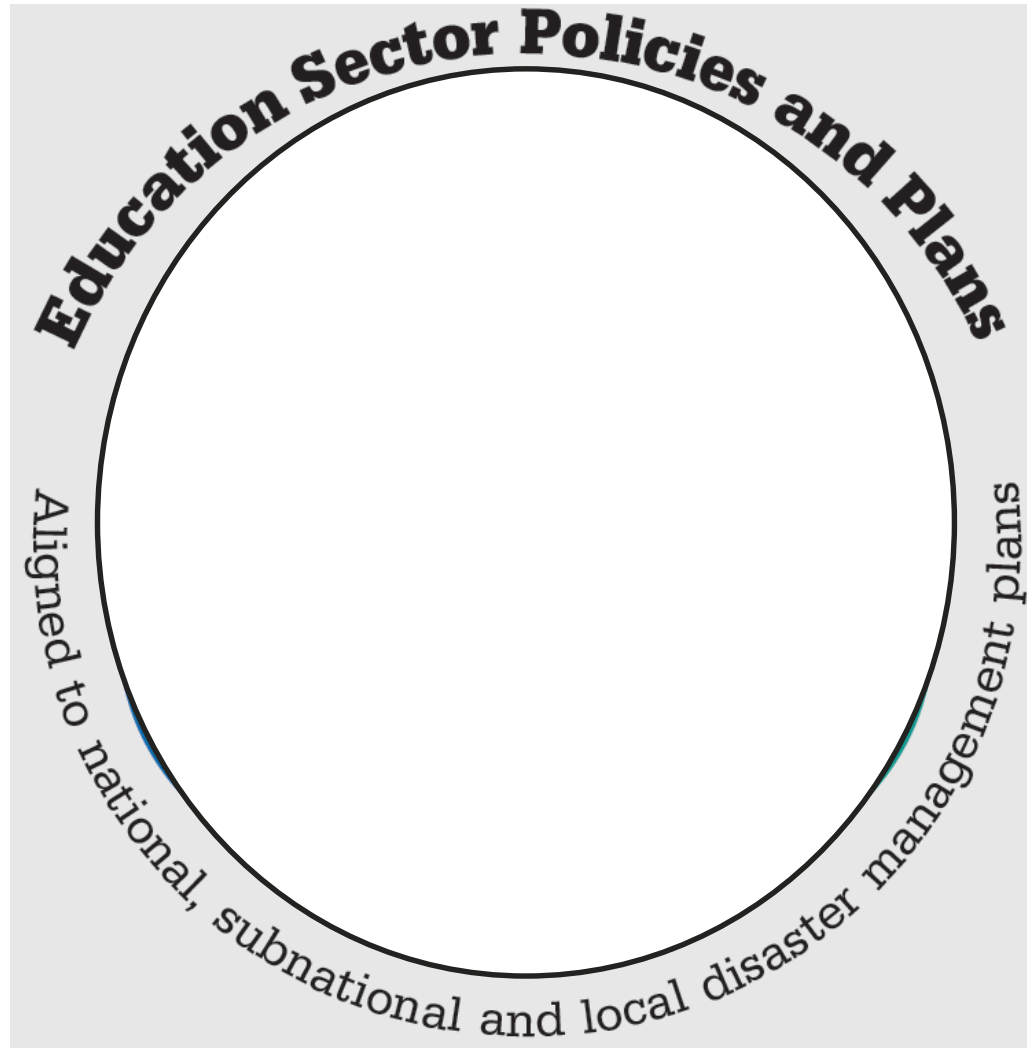
# Comprehensive School Safety Overview





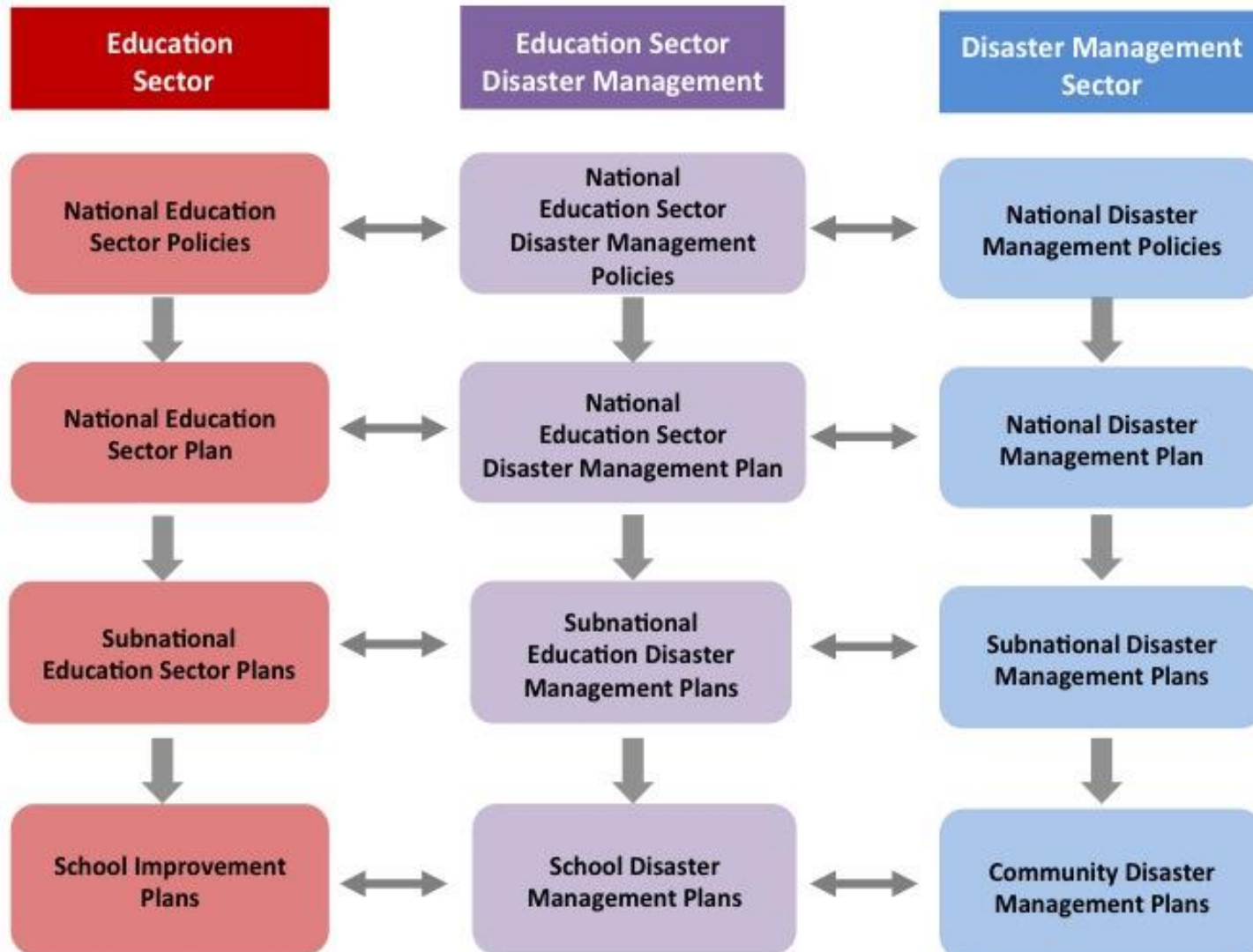
# Comprehensive School Safety

## The Enabling Environment



# Bringing Education and Disaster Management together

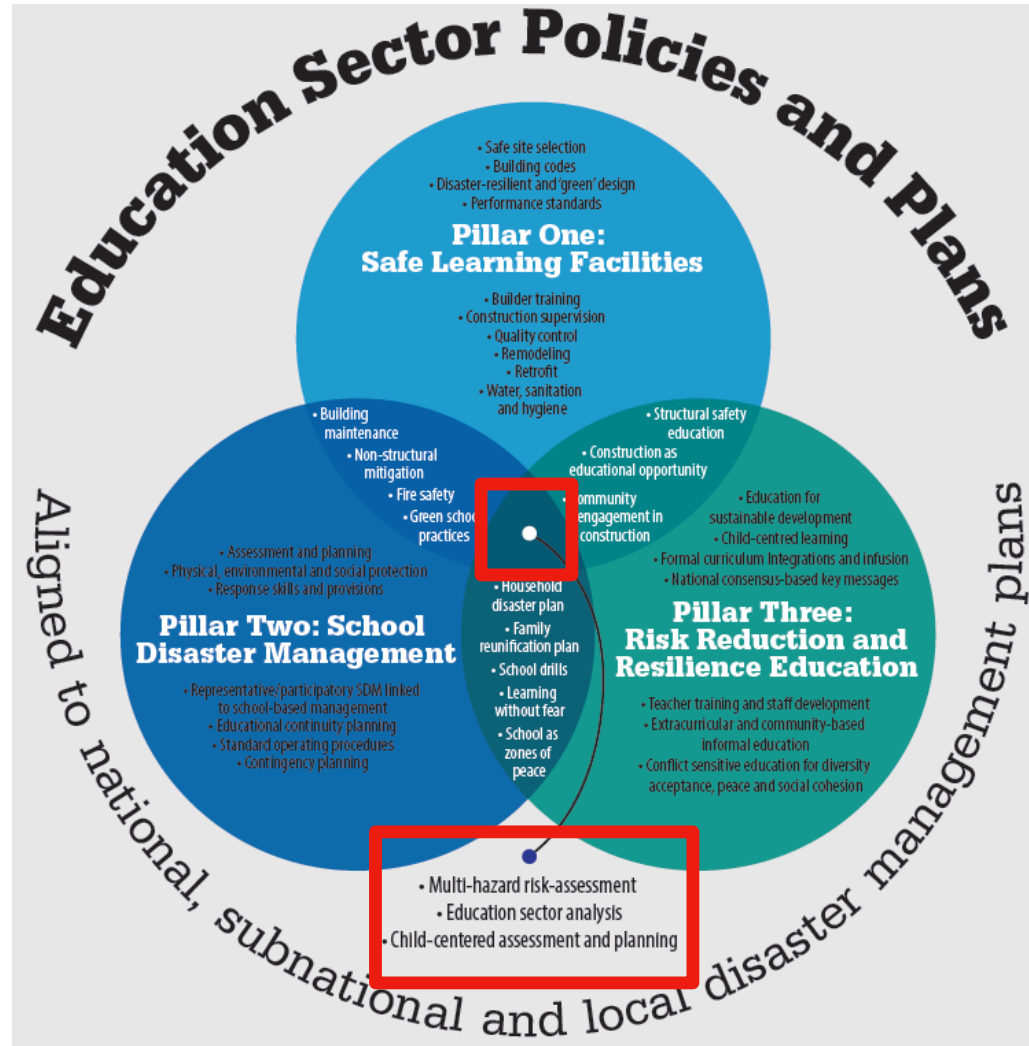
## Education Sector Disaster Management: Risk Reduction and Preparedness Planning



Adapted from Dr. Gary Ovington

# Comprehensive School Safety

## The Evidence Base



# Risk Spectrum:

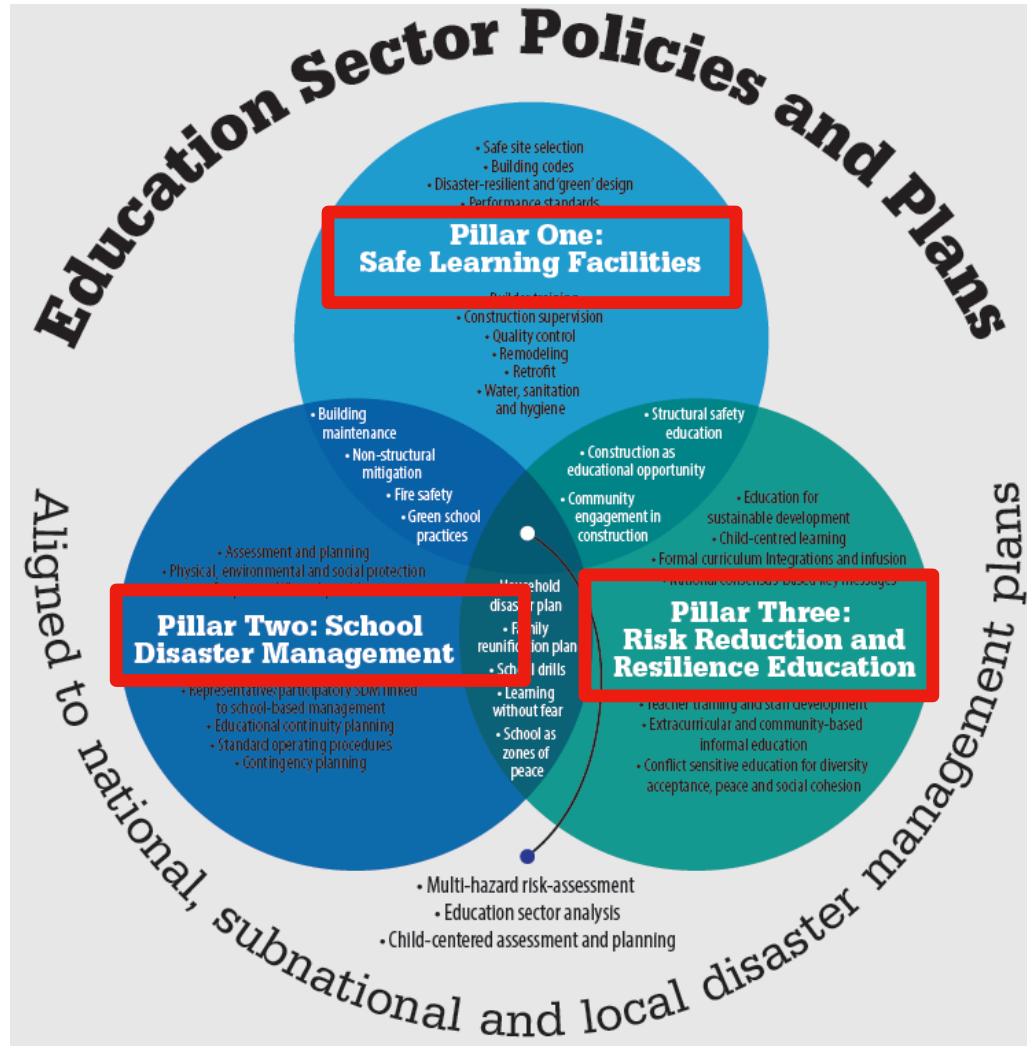
## Intensive risk versus extensive risk

Nature of event	Disasters (e.g. tsunamis, earthquakes, typhoons)	Small disasters (e.g. seasonal flooding, shack fires, localised landslides)	Everyday risks (e.g. disease epidemics, traffic accidents)
Frequency	INFREQUENT (perhaps return periods of 50- 100 years)	FREQUENT (often seasonal)	EVERYDAY
Scale	LARGE or potential to be large: 10+ killed, 100+ seriously injured	3-9 people killed, 10+ injured	1-2 people killed, 1-9 injured
Impact on all premature death and serious injury/ illness	Can be catastrophic for specific places and times, but is low overall	Significant and under- estimated contribution, especially for injuries and loss of property	Main cause of premature death and serious injury
Intensive or extensive	<b>INTENSIVE RISK</b>	<b>EXTENSIVE RISK</b>	

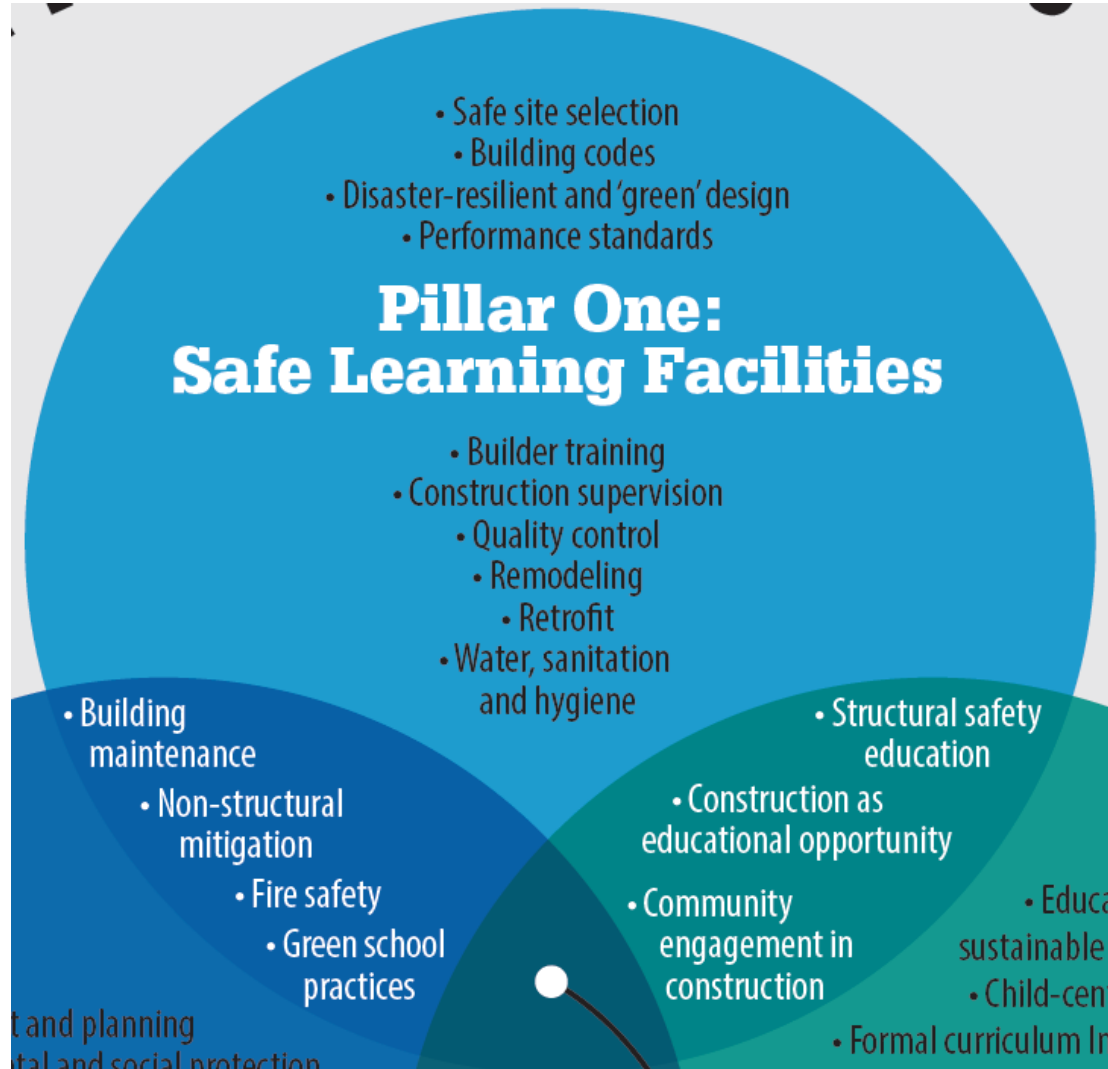
Brown, Donald and David Dodman (2014) Understanding children's risk and agency in urban areas and their implications for child-centred urban disaster risk reduction in Asia: Insights from Dhaka, Kathmandu, Manila and Jakarta <http://pubs.iied.org/10652IIED/>

# Comprehensive School Safety

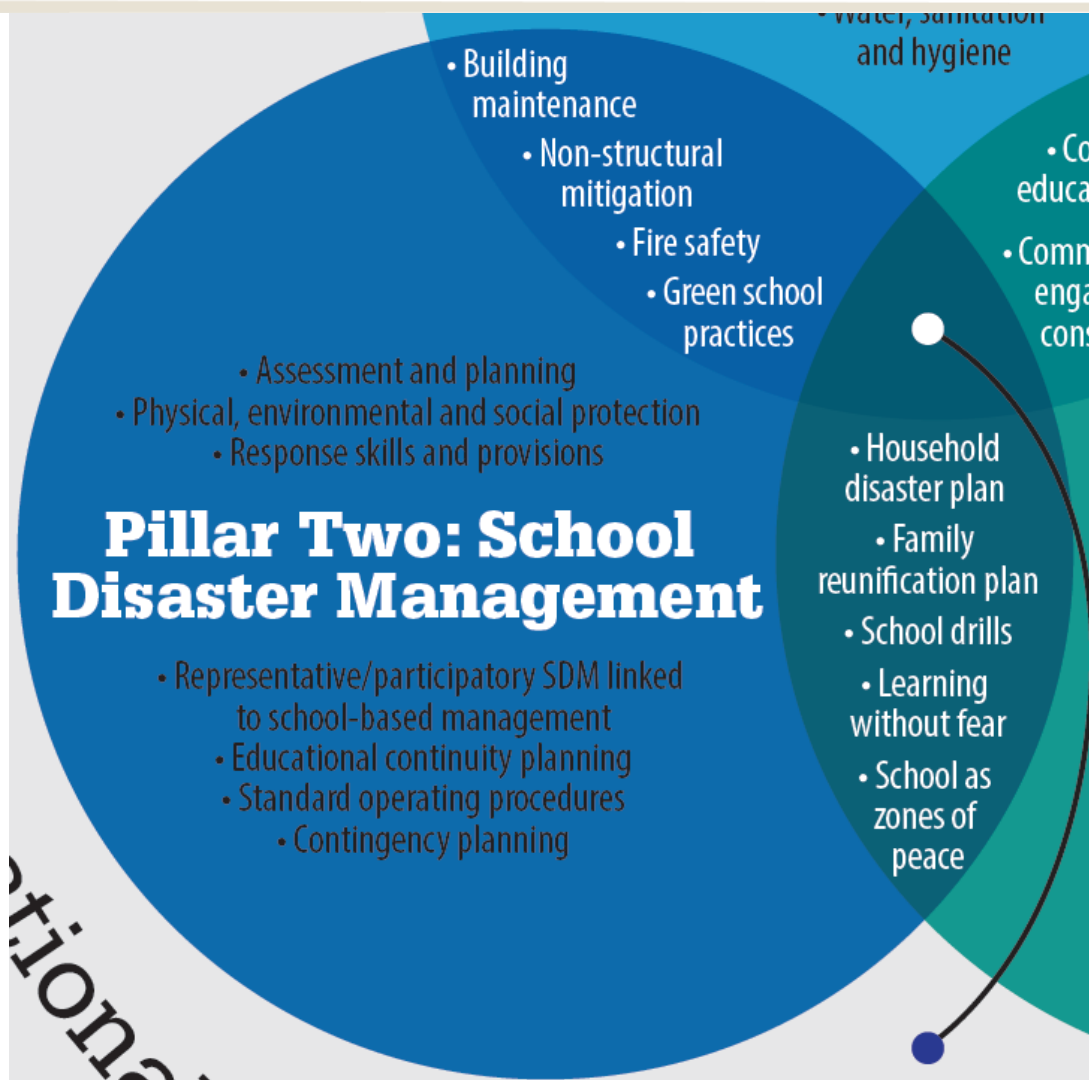
## The Three Pillars



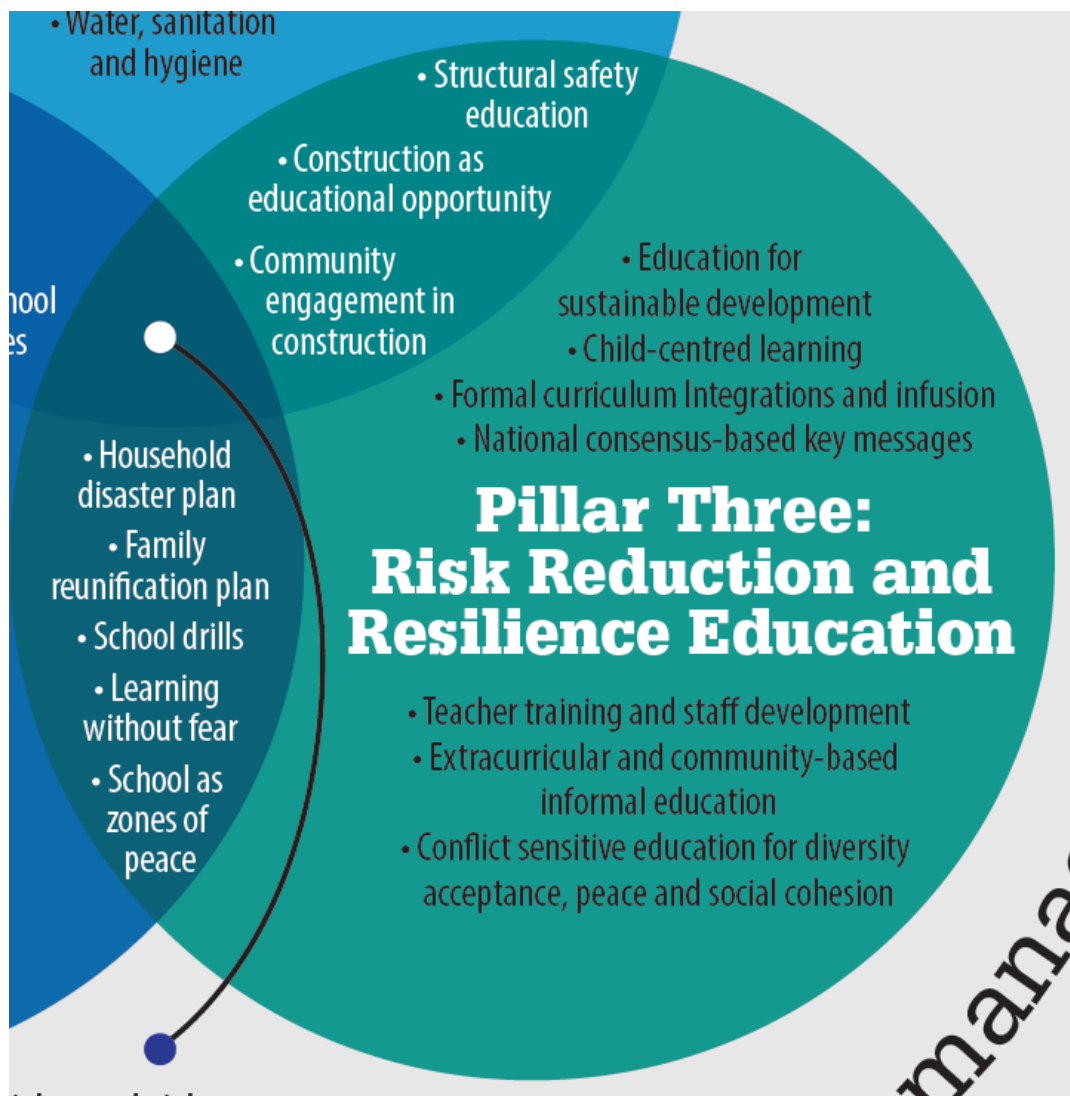
# Pillar 1: Safe Learning facilities



# Pillar 2: School Disaster Management



# Pillar 3: Risk Reduction and resilience Education





# Education Sector Policies and Plans

Aligned to national, subnational and local disaster management plans

## Pillar One: Safe Learning Facilities

- Safe site selection
- Building codes
- Disaster-resilient and 'green' design
- Performance standards

- Builder training
- Construction supervision
- Quality control
- Remodeling
- Retrofit
- Water, sanitation and hygiene

## Pillar Two: School Disaster Management

- Assessment and planning
- Physical, environmental and social protection
- Response skills and provisions

- Representative/participatory SDM linked to school-based management
- Educational continuity planning
- Standard operating procedures
- Contingency planning

## Pillar Three: Risk Reduction and Resilience Education

- Structural safety education
- Construction as educational opportunity
- Community engagement in construction
- Education for sustainable development
- Child-centred learning
- Formal curriculum Integrations and infusion
- National consensus-based key messages

- Teacher training and staff development
- Extracurricular and community-based informal education
- Conflict sensitive education for diversity acceptance, peace and social cohesion

- Multi-hazard risk-assessment
- Education sector analysis
- Child-centered assessment and planning

- Household disaster plan
- Family reunification plan
- School drills
- Learning without fear
- School as zones of peace



# CSS Resources

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## Comprehensive School Safety – The Framework

<http://gadrrres.net/resources/comprehensive-school-safety-framework>

## Online training on CSS

Search for course ‘Comprehensive School Safety’

<https://www.disasterready.org/>

**GADRRRES:** <http://gadrrres.net/> -(for recent research, literature reviews and tools)