Save the Children

Introduction: DRR in Education & Comprehensive School Safety

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1. Why DRR in the education sector?

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

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.

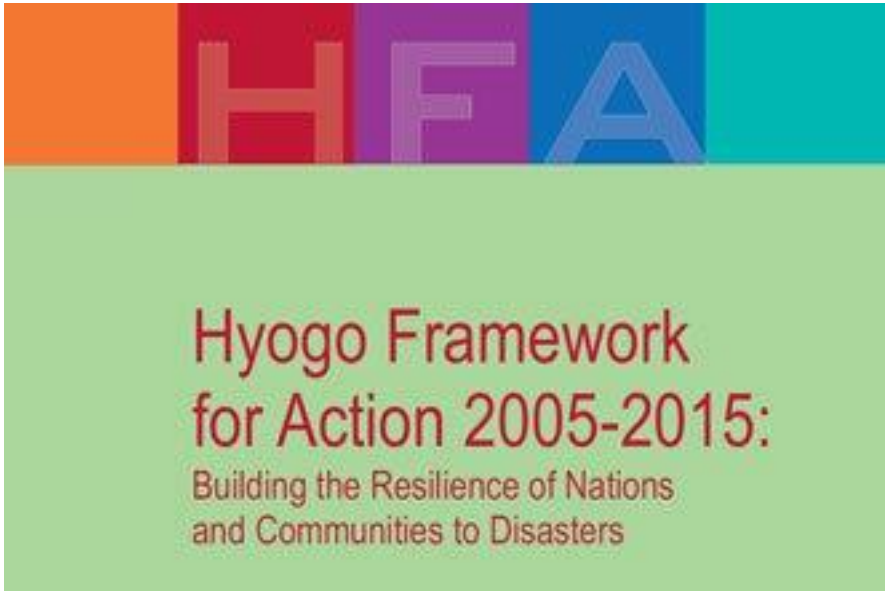
Disaster Impact on education

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



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

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

Worldwide initiative for Safe Schools

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UNISDR

United Nations Office for Disaster Risk Reduction

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

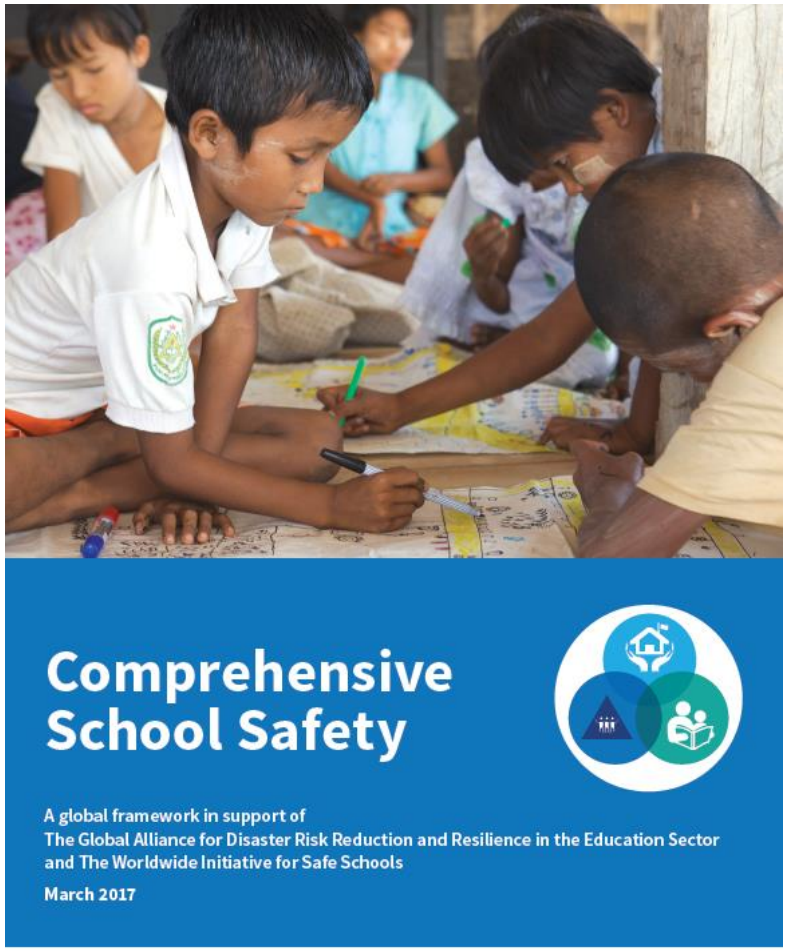
A CALL TO GOVERNMENTS TO IMPLEMENT SAFE SCHOOLS GLOBALLY

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.

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

3. The Comprehensive School Safety Framework

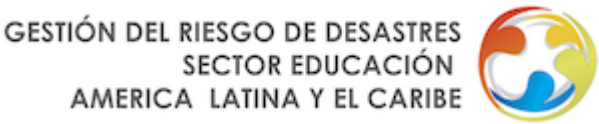
Comprehensive School Safety framework



GADRRRES

Global Alliance for DRR and Resilience in the Education sector

GADRRRES Members

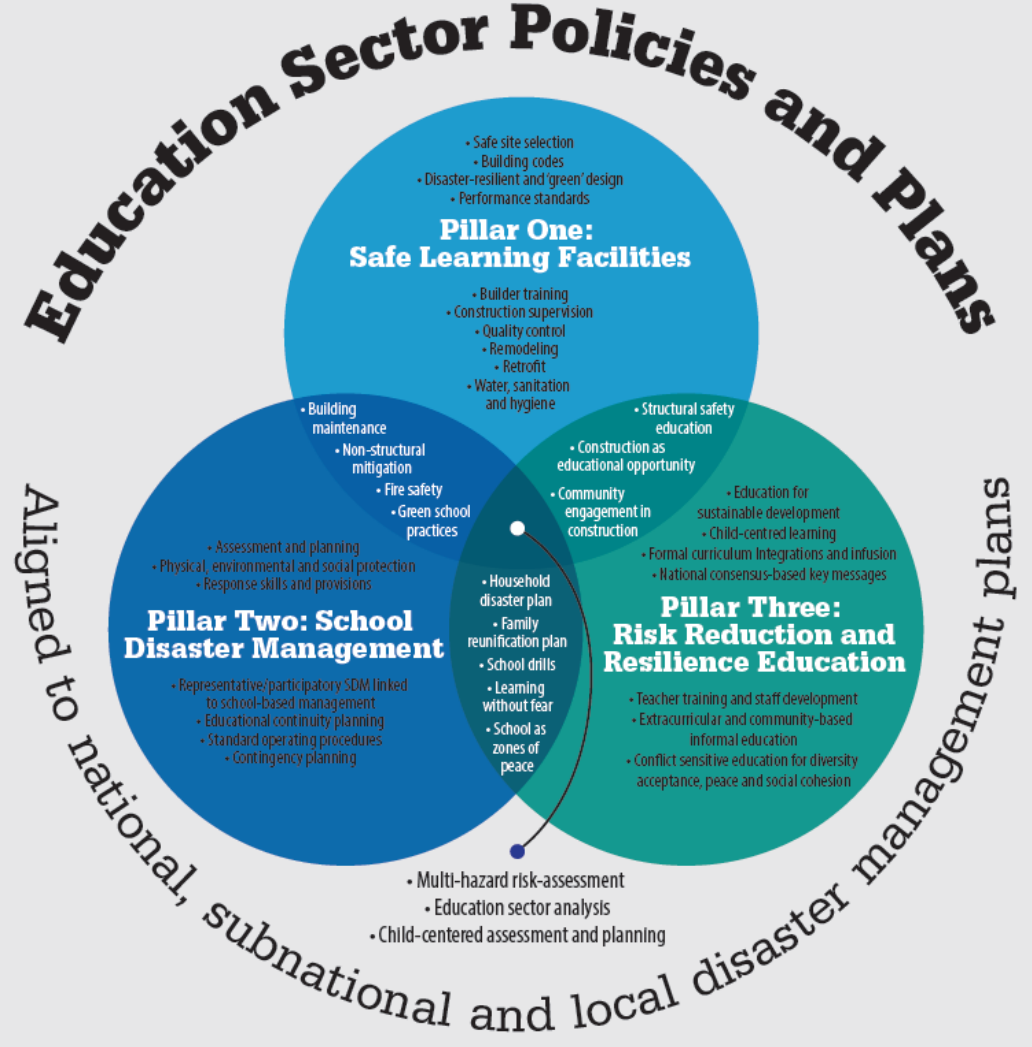


Goals of Comprehensive School Safety

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

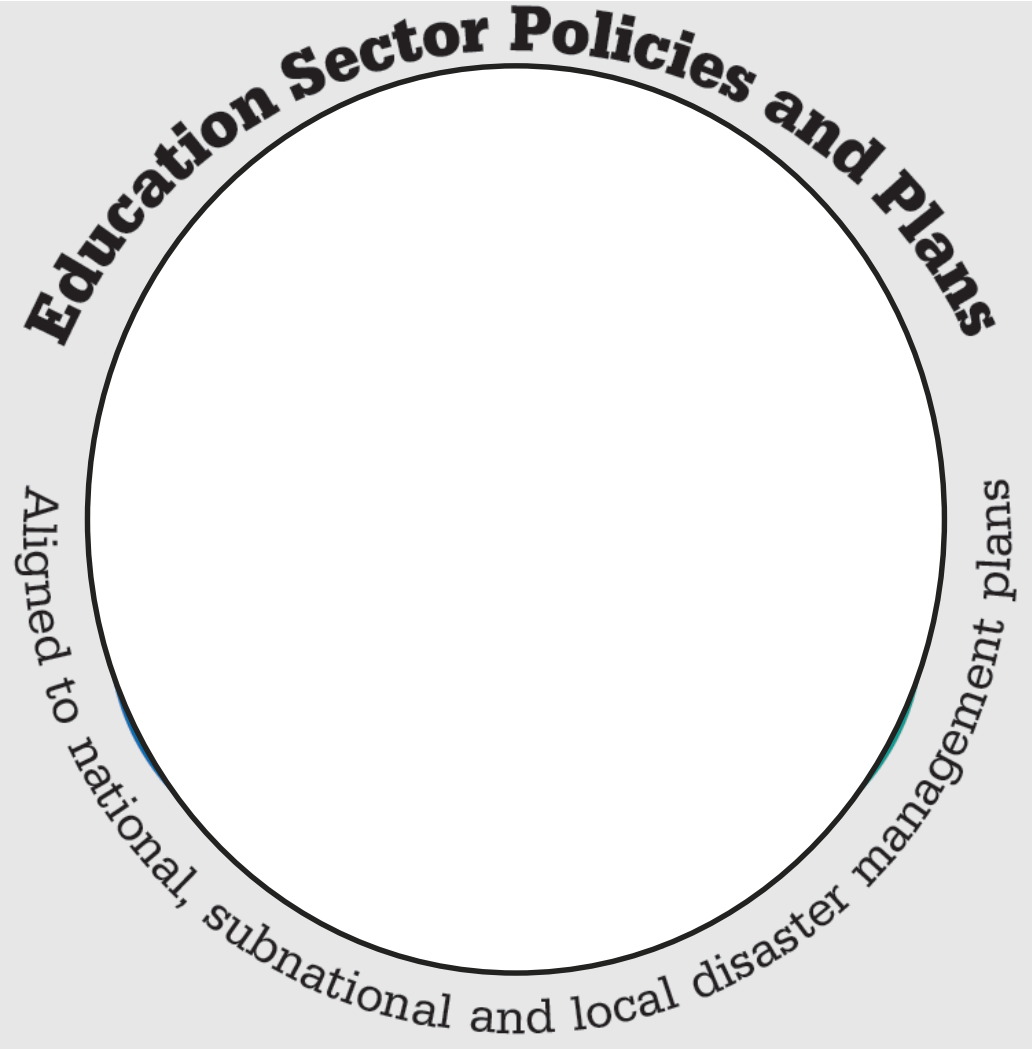
Comprehensive School Safety

Overview

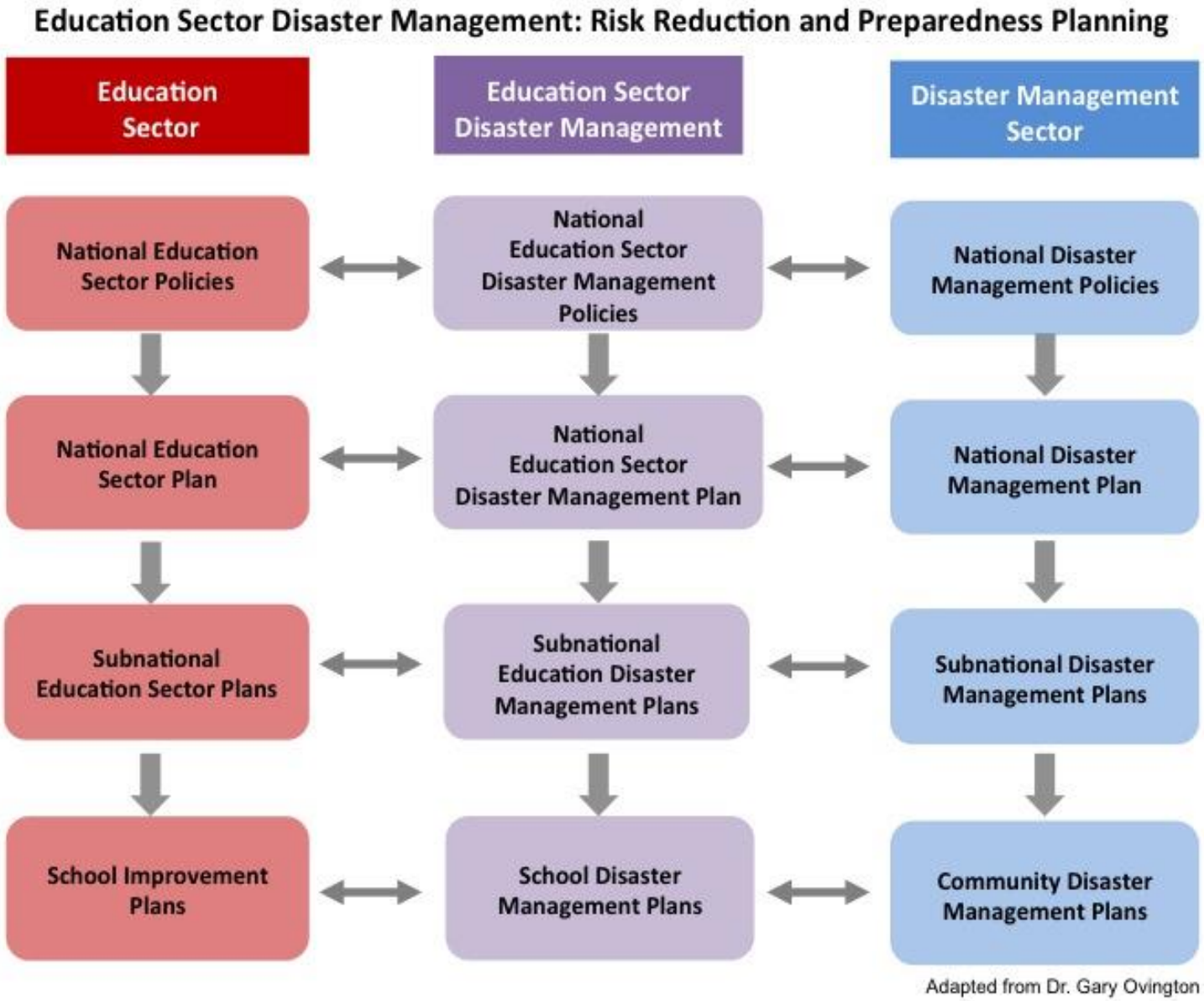


Comprehensive School Safety

The Enabling Environment

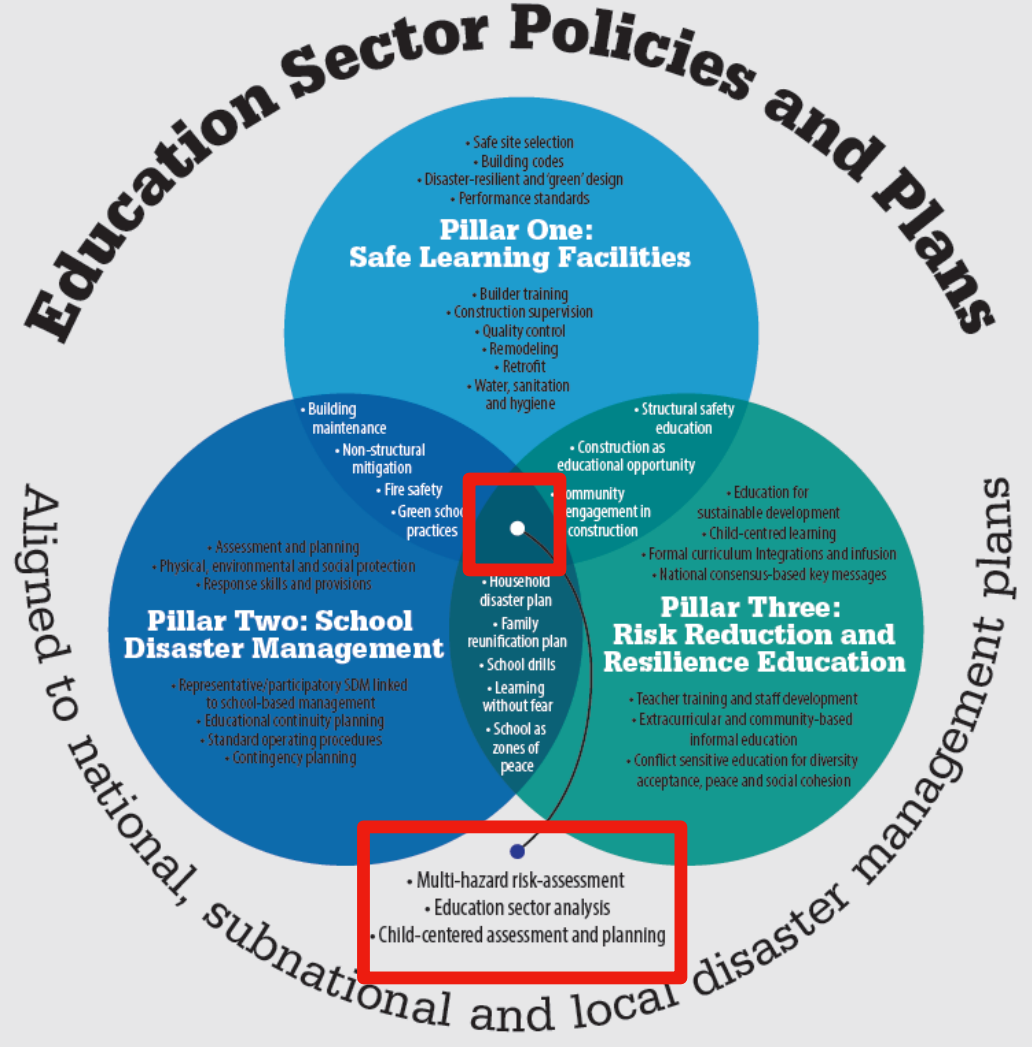


Bringing Education and Disaster Management together



Comprehensive School Safety

The Evidence Base



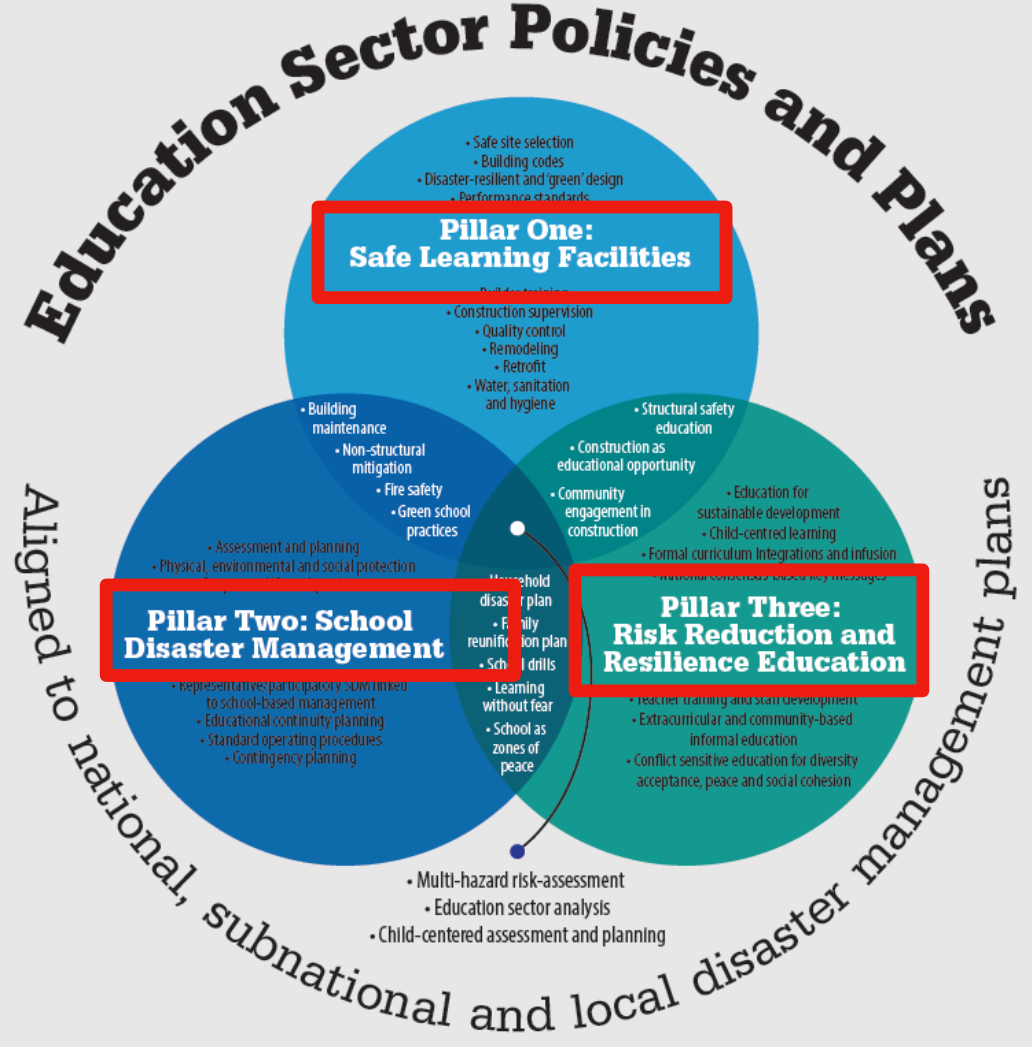
Risk Spectrum:
Intensive risk versus extensive risk

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	INTENSIVE RISK	EXTENSIVE RISK	

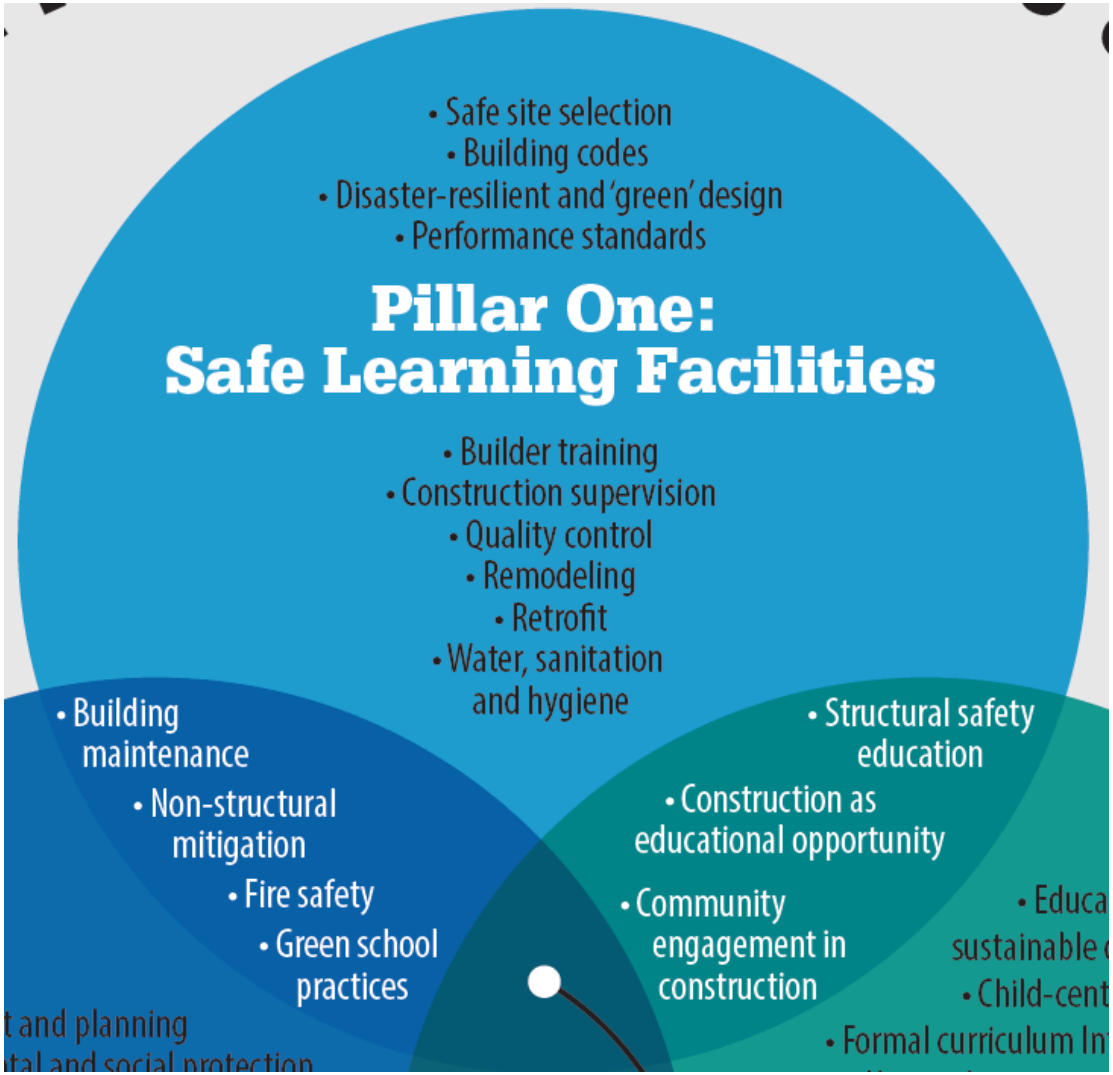
Brown, Donald and David Dodman (2014) Understanding children's risk and agency in urban areas and their implications for child- centred urban disaster risk reduction in Asia: Insights from Dhaka, Kathmandu, Manila and Jakarta http://pubs.iied.org/10652IIED/

Comprehensive School Safety

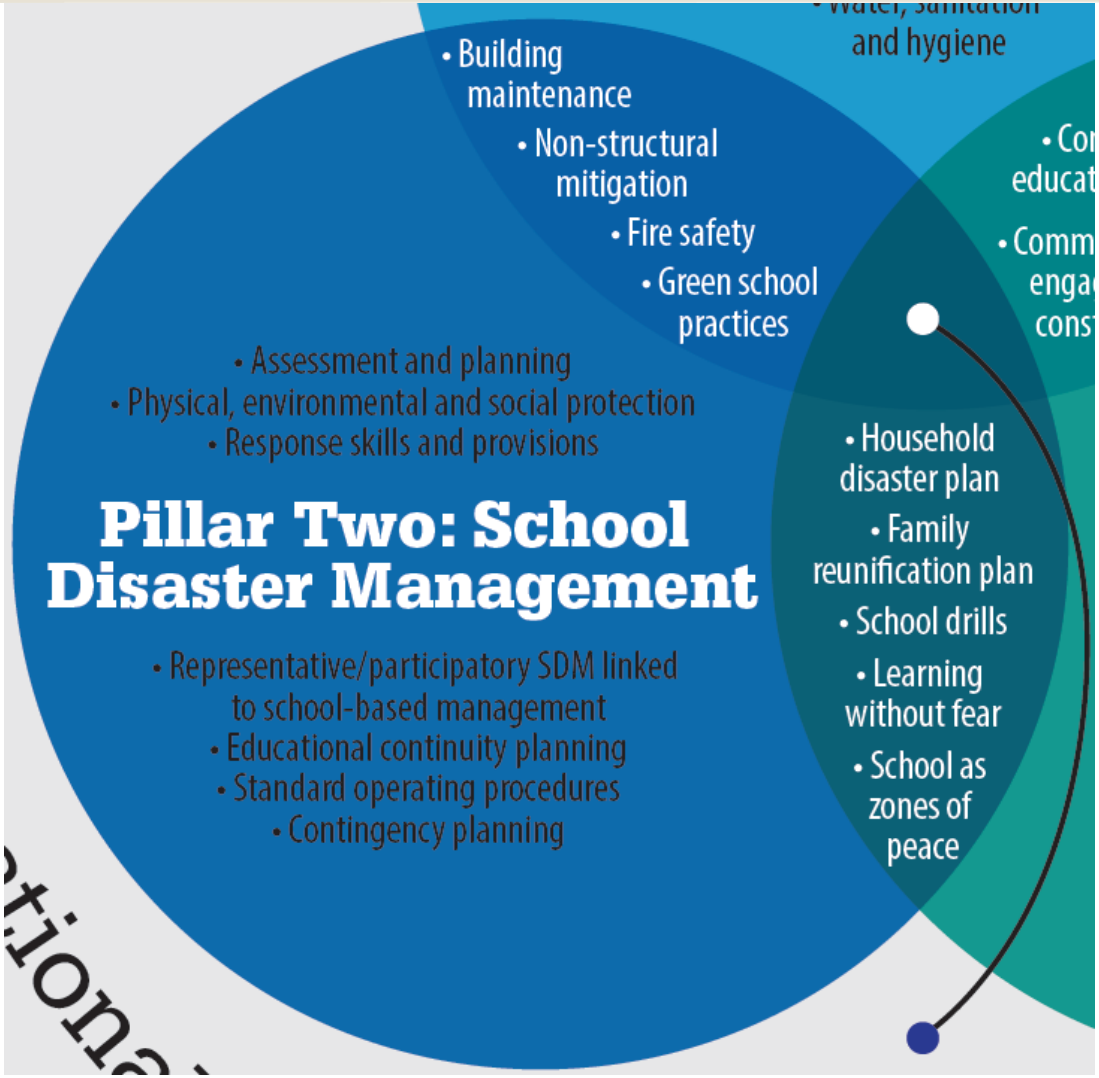
The Three Pillars



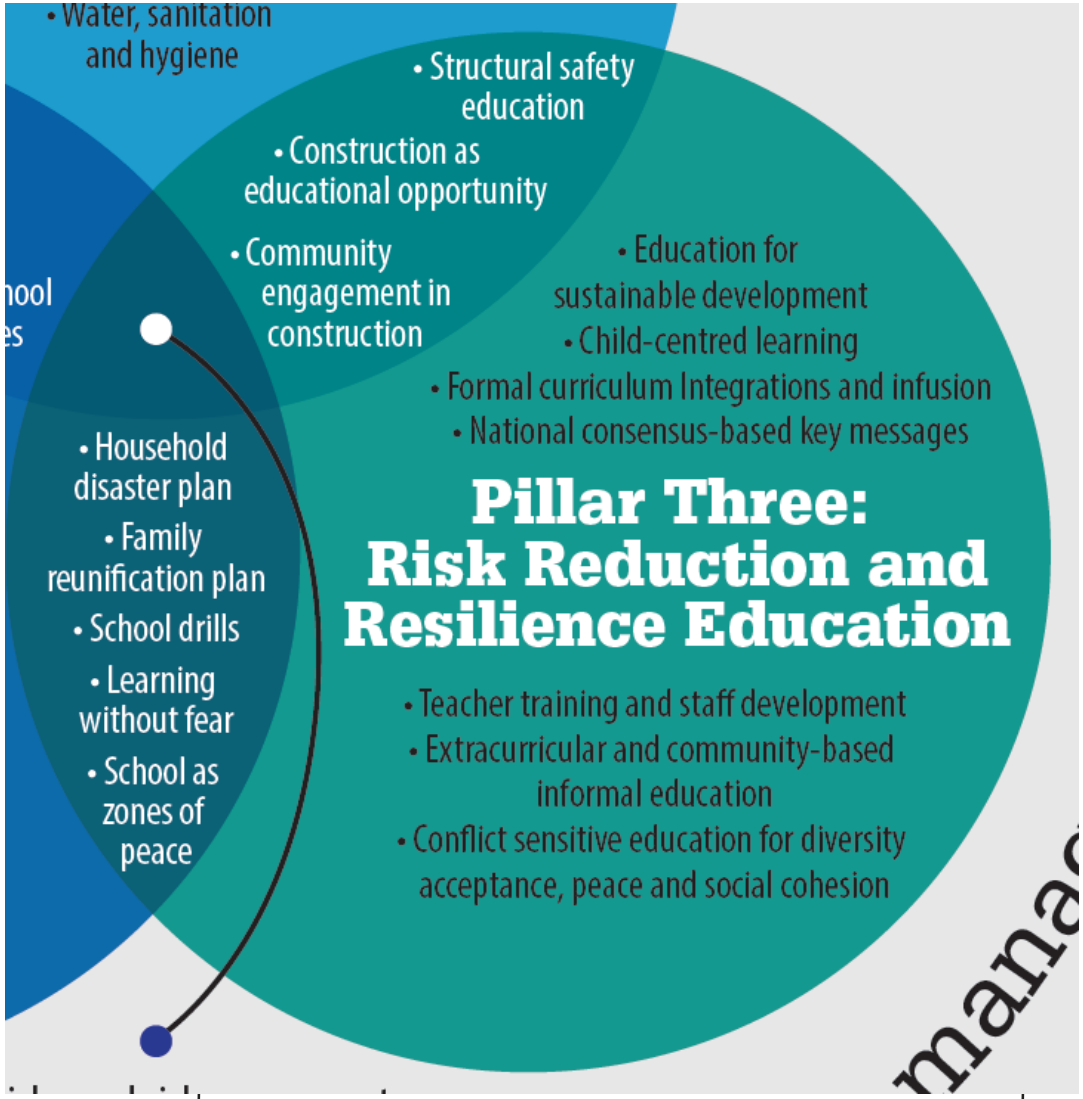
Pillar 1: Safe Learning facilities

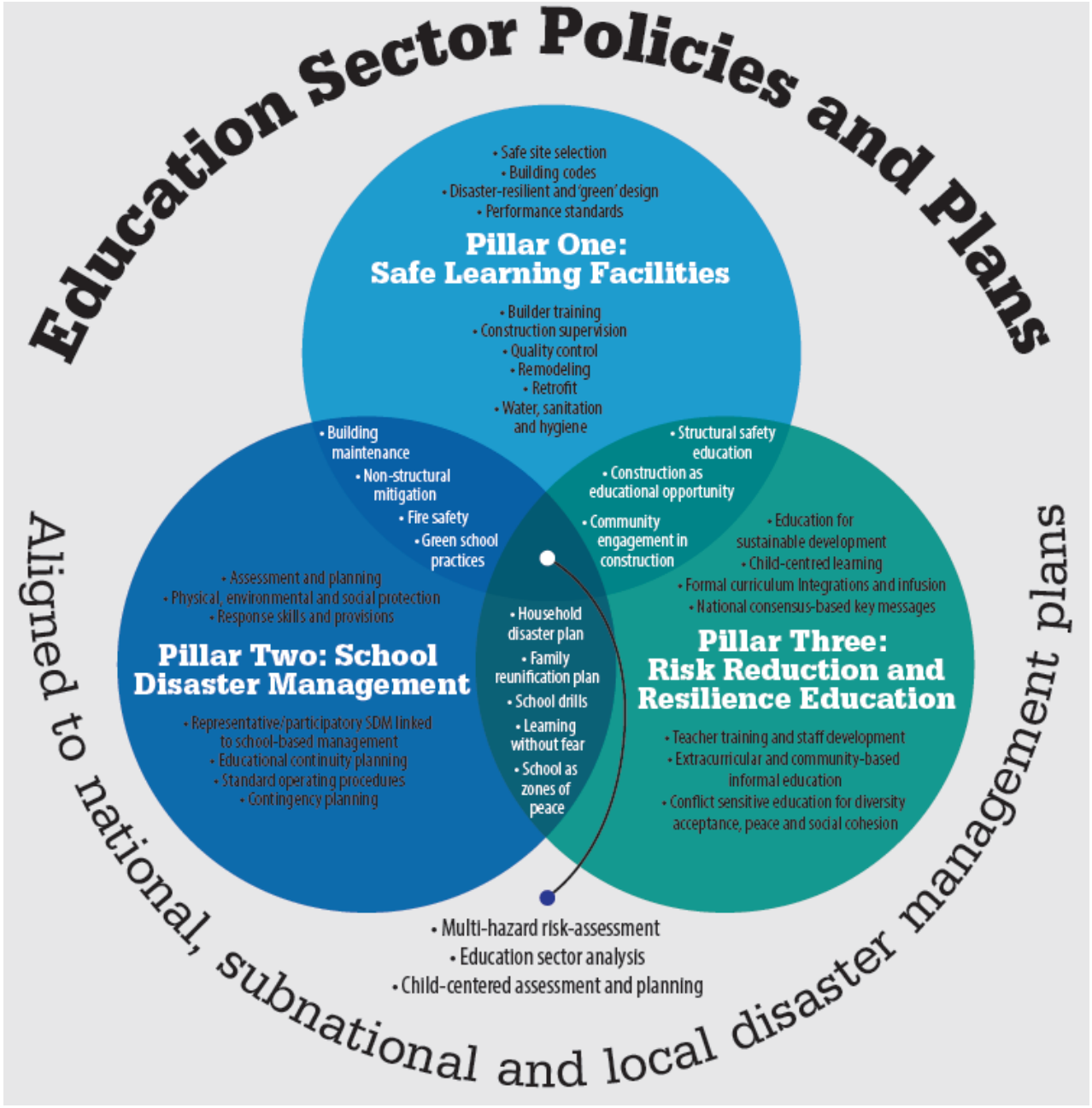


Pillar 2: School Disaster Management



Pillar 3: Risk Reduction and resilience Education




Education Sector Policies and Plans
• Safe site selection
• Building codes
• Disaster-resilient and 'green' design
• Performance standards
Pillar One:
Safe Learning Facilities
• Builder training
• Construction supervision
• Quality control
• Remodeling
• Retrofit
• Water, sanitation and hygiene
• Building maintenance
• Non-structural mitigation
• Fire safety
• Green school practices
• 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
• Assessment and planning
• Physical, environmental and social protection
• Response skills and provisions
Pillar Two: School Disaster Management
• Representative/participatory SDM linked to school-based management
• Educational continuity planning
• Standard operating procedures
• Contingency planning
• Household disaster plan
• Family reunification plan
• School drills
• Learning without fear
• School as zones of peace
Pillar Three:
Risk Reduction and Resilience Education
• 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
Aligned to national, subnational and local disaster management plans

CSS Resources

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)