

Hayley Gryc, Associate, ARUP International Development

Hayley is a chartered civil engineer and leads the social infrastructure portfolio in Arup's International Development group. She has over 15 years' experience delivering a wide range of buildings across Africa, South and South-East Asia and Small Island Developing States in the Caribbean and Pacific. This has included designing and evaluating schools infrastructure, and providing strategic and technical advice to partners on improving construction environments to increase resilience and reduce vulnerability of communities. She has specific expertise working in the education sector and is currently leading several schools projects, including providing technical support to the World Bank's Global Programme for Safer Schools (GPSS); and in Nepal as part of the reconstruction programme. She has also authored the [Characteristics of Safer Schools](#), and a [Roadmap for Safer Schools](#) – a guidance note for the preparation of safer school investment programmes on behalf GPSS.

Arup International Development



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Arup International Development

The International Development team partners with organisations operating in the humanitarian and development sector, to contribute to safer, more resilient and inclusive communities and urban settings in emerging economies and fragile contexts throughout Africa, Asia and the Pacific, Latin America and the Caribbean, and the Middle East, where the impacts of today's global challenges are felt most acutely.



Education Infrastructure

Resilient, Safe, Sustainable, Appropriate, Affordable, Inclusive, Child friendly,

Technical expertise in **planning, designing, constructing** education infrastructure
Retrofitting of education infrastructure for safety and energy efficiency

Strategic support to implementing **Large scale education infrastructure projects**

Assessments of schools infrastructure – including Risk Assessments and post-disaster damage assessments;

Training and Capacity building – including development of technical and policy guidelines and manuals

Post Disaster Recovery Planning

Digital Services including spatial analysis to inform programming, data management and Data Mapping to inform education programmes



Model Kindergarten School, Ghana



Structural Integrity & Damage Assessment, Nepal



Guidance Manuals developed on behalf of the World Bank's Global Program for Safer Schools