

Disaster Risk Management Public Expenditure and Institutional Reviews (DRM-PEIR) for Lao PDR, Thailand and Vietnam – Methodology and Application

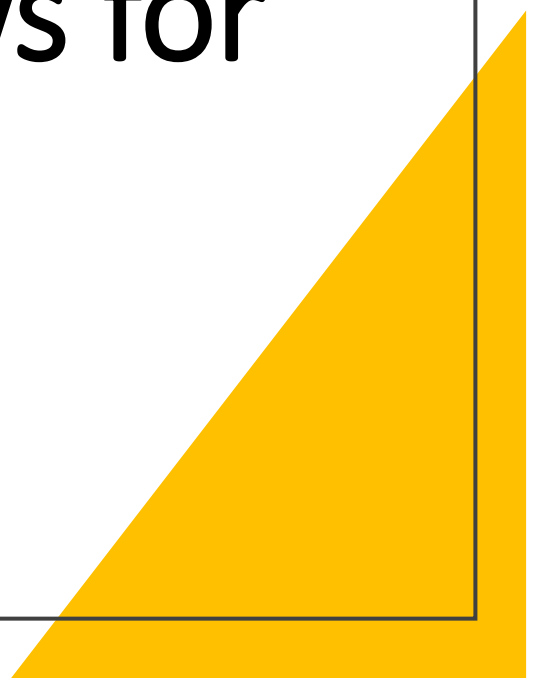
Rajesh Sharma
Programme Specialist (Global)
Disaster Risk Information & Application
rajesh.sharma@undp.org

Purpose of DRM-PEIR

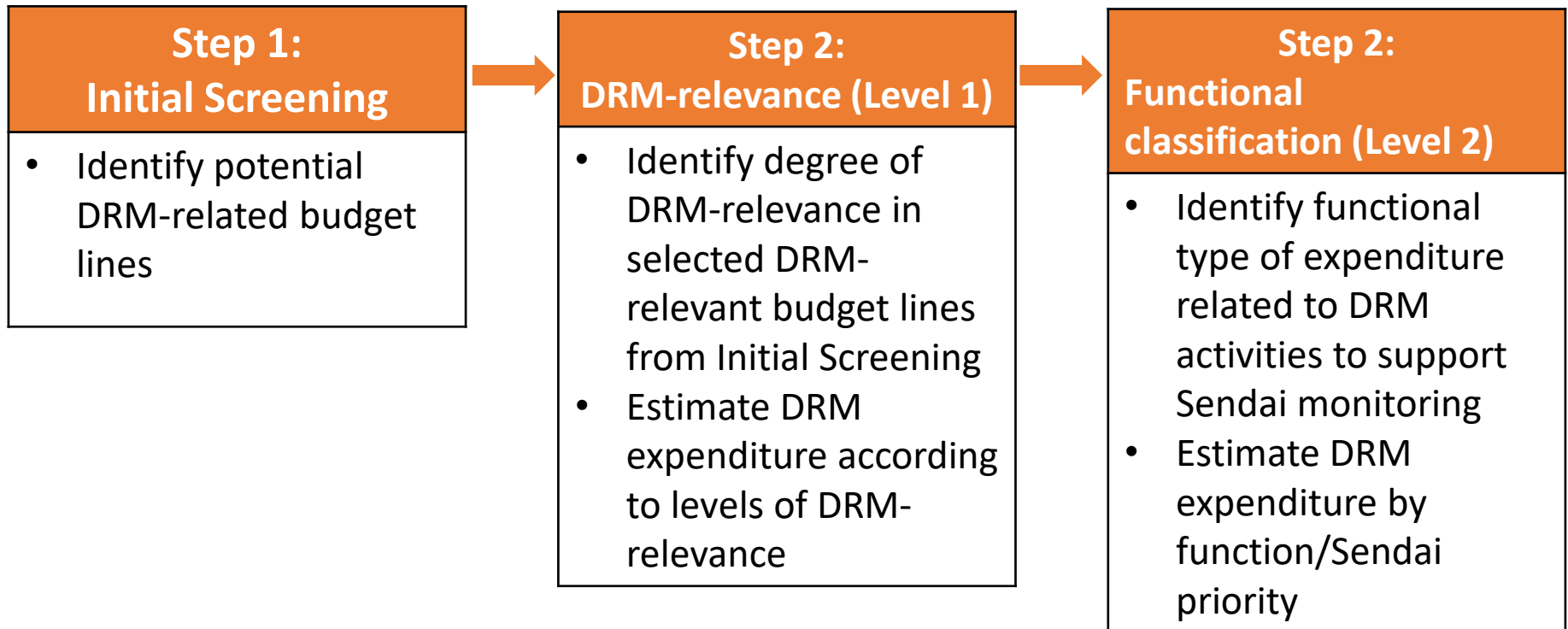
The **Disaster Risk Management - Public Expenditure and Institutional Reviews (DRM-PEIR)** aim to:

- Support the better understanding of how financial resources are being allocated to DRM strategies;
- Improve DRM-related institutional and policy structures and processes within national planning and budget systems;
- Support the mainstreaming of DRM into national planning and budget systems;
- Enable evidence-based discussions on DRM policies; and
- Support governments to report on DRM-related resource allocations in compliance with the Sendai Framework and in support of the 2030 Agenda.

Conducting Public Expenditure and Institutional Reviews for DRM Expenditure



Methodology for classifying DRM expenditure



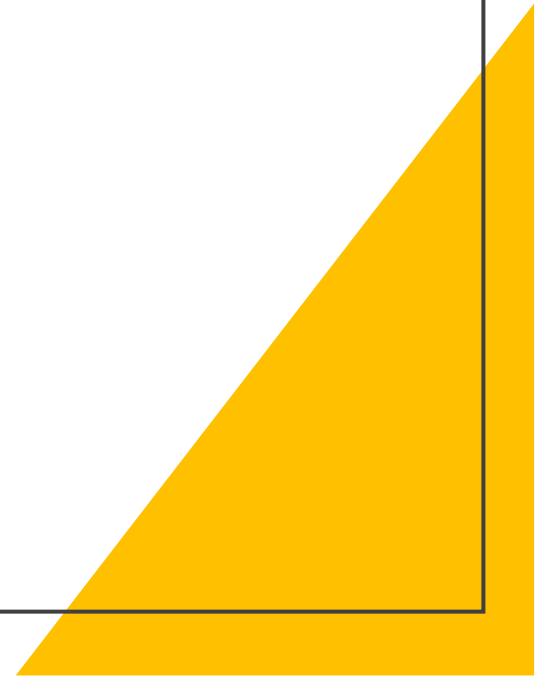
Level 1 Classification of DRM Relevant Budget Expenditure

Level of DRM Relevance	DRM Relevance Index & Weighting	Relevance Criteria
Very High	5 100%	Specific objectives to improve preparedness and provide protection or greater resilience to disaster risks (e.g. response, recovery, and reconstruction expenditure)
High	4 75%	Clear primary objectives to deliver concrete and visible outcomes to improve disaster preparedness and reduce disaster risks
Medium	3 50%	Activities with secondary objectives related to building disaster preparedness or resilience; or sector-type programmes with a range of activities that are not easily separated but include at least some that promote disaster preparedness or resilience
Low	2 25%	Indirect preparedness and resilience measures; activities with other primary and secondary objectives but which still have identifiable DRM benefits
Minor	1 10%	Only indirect and theoretical links to disaster preparedness and building resilience
Zero	0 Zero	No relevance to DRM

Step 2: Functional classification (Level 2)

Functional Type of DRM Relevant Expenditure					
Preparedness, Prevention, Mitigation, and Resilience				Post-Disaster Response, Recovery, and Reconstruction	
Policy and Institutional Development to Reduce Disaster Risks and Vulnerabilities	Community, Business or Official Awareness/ Advocacy Programmes and Capacity Building	Pre-disaster Research, Early Warning Systems, Hazard and Risk Mapping Analysis etc.	Pre-disaster Risk Reduction Measures and Capital Investment (infrastructure, construction, equipment etc.	Relief/ Response Activities and Support	Recovery/ Reconstruction: including Build-Back-Better Components to be identified separately if possible
A1	A2	A3	A4	B1	B2

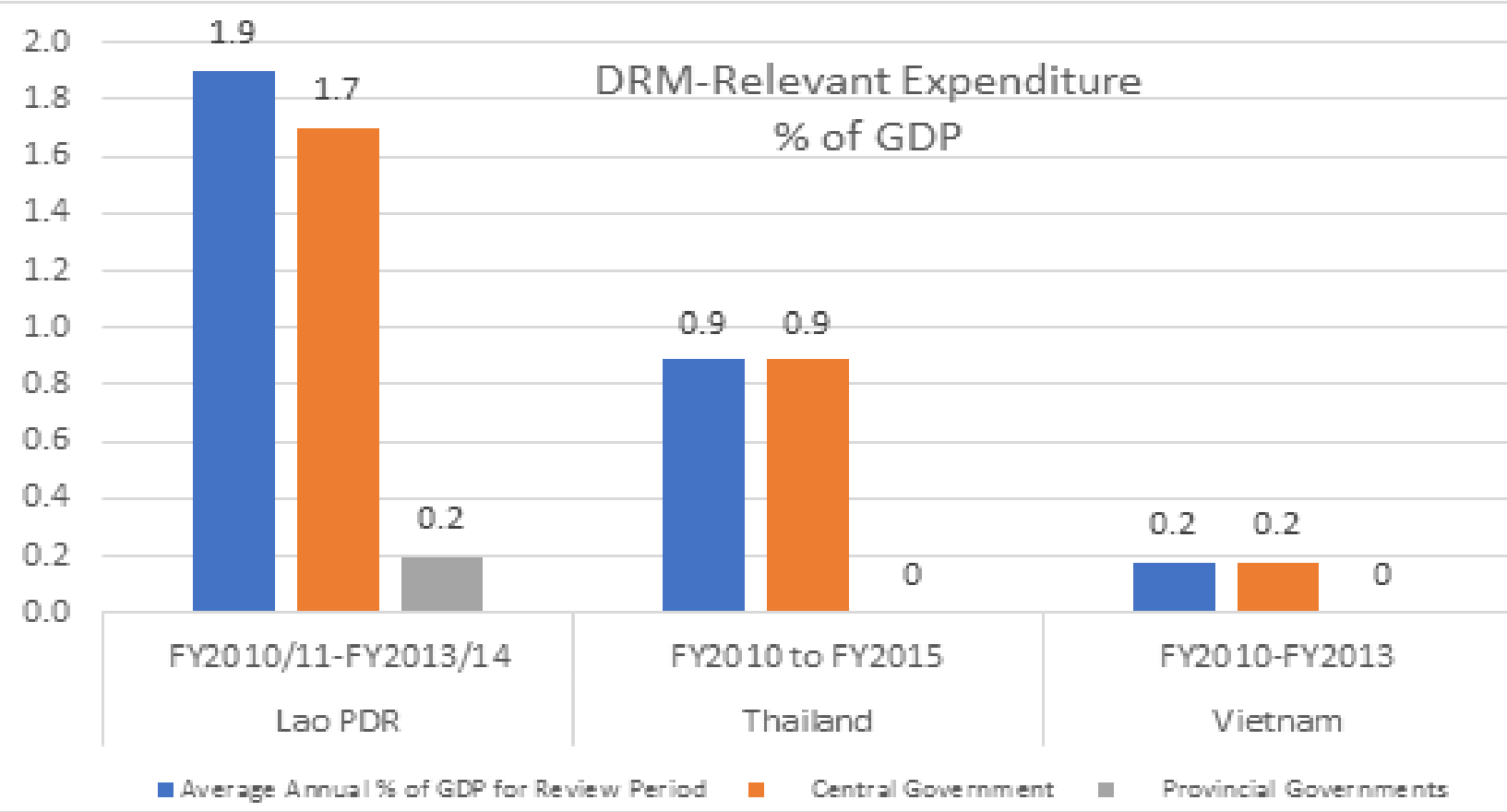
Application of the DRM-PEIR methodology



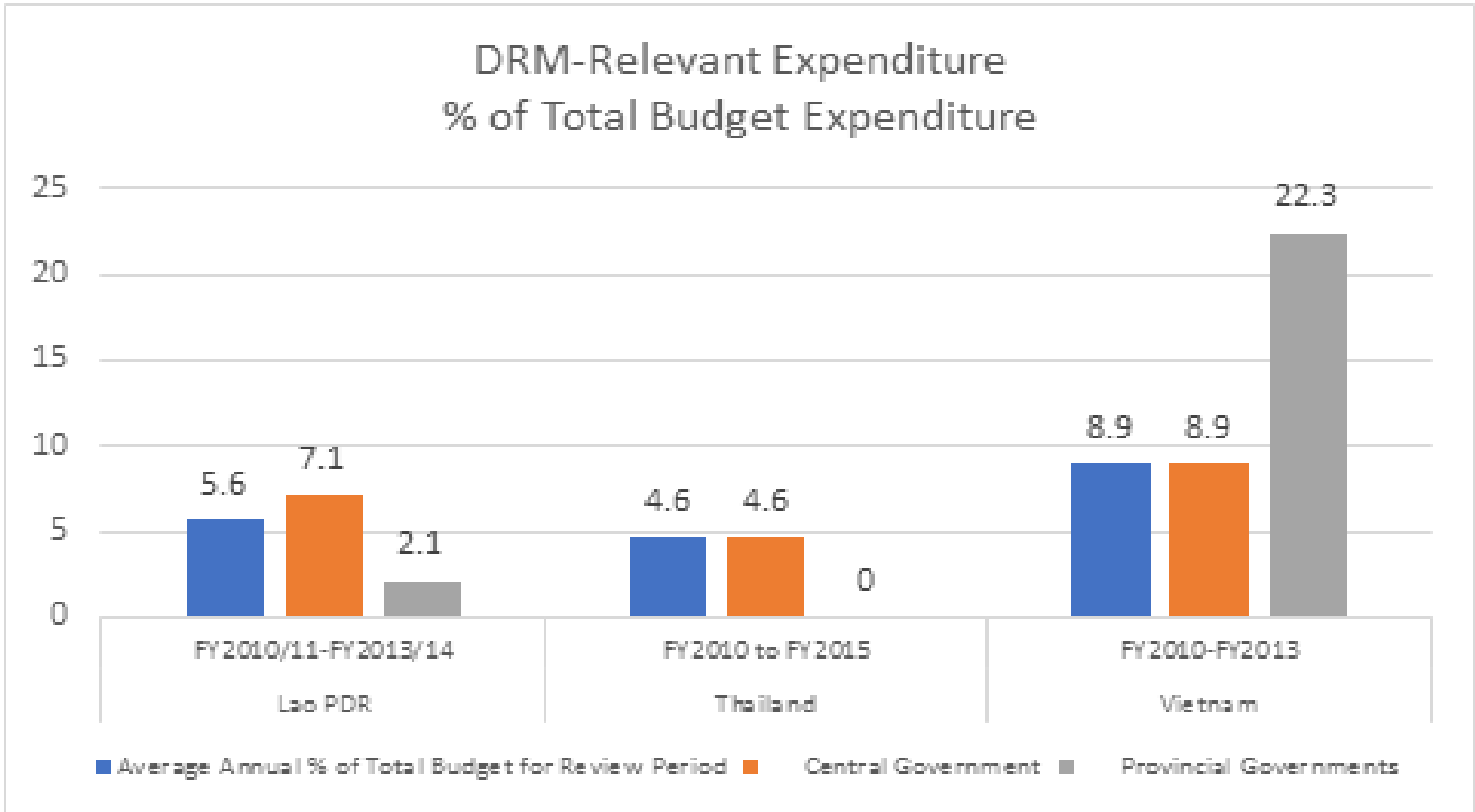
Budget/Expenditure Data for DRM-Relevant Analysis

- **Lao PDR:** State Budget Revenue and Expenditure Implementation Reports for the Fiscal Years (FY) 2010-2011 through 2013-2014
 - ✓ 23 line ministries and agencies at the national level, 17 provinces, and the capital city
 - ✓ Comprehensive expenditure data, but limited descriptive information
- **Thailand:** Complete budget proposal data for the 4 years FY2012 through FY2015.
 - ✓ All central government ministries/agencies, and 1 province
 - ✓ Comprehensive expenditure data with extensive and descriptive information but not DRM-specific
- **Vietnam:** Expenditure data available for the analysis had already been filtered and marked as attributable to “climate-change adaptation” and recorded in the expenditure identified in the Vietnam CPEIR
 - ✓ 5 key line ministries and 3 provinces
 - ✓ Narrow range of expenditure data, but with good CC-related information

Analysis of the budget data for DRM-Relevant Expenditure



Analysis of the budget data for DRM-Relevant Expenditure



Analysis of the budget data for DRM-Relevant Expenditure

Total DRM-Relevant Expenditure: % by Key Ministries			
	Lao PDR	Thailand	Vietnam
Total DRM-Relevant Expenditure: % by Key Ministries	FY2010/11 to FY2013/14	FY2010 to FY2015	FY2010 to FY2013
Public Works and Transport/Interior/MoT&MoC	46.4	17.0	52.0
Agriculture and Forestry/MAG&Co-ops/MARD	18.4	10.1	39.4
Organisations & Provincial Administration	12.1	-	-
Labour and Social Welfare	6.1	-	-
Education	3.6	-	-
Science and Technology	3.2	-	-
Public Health/Public Health	2.6	10.1	-
Natural Resources and Environment	2.4	3.1	8.4
Industry and Trade	-	-	0.2
Federal Budget/Central Fund	-	53.9	-
Others	5.0	5.8	-
Total All Ministries//Five Ministries	100.0	100.0	100.0

Analysis of the budget data for DRM-Relevant Expenditure

DRM-Relevant Expenditure; % of Key Ministry Budgets			
	Lao PDR	Thailand	Vietnam
DRM-Relevant Expenditure; % of Key Ministry Budgets	FY2010/11- FY2013/14	FY2010 to FY2015	FY2010-FY2013
Agriculture and Forestry/MoAC//MARD	20.1	14.8	28.3
Public Works and Transport/Interior/MoT&MoC	16.4	6.2	6.8
Natural Resources and Environment	12.1	12.2	26.5
Labour and Social Welfare	10.1	-	-
Science and Technology	9.0	-	-
Organisations & Provincial Administration	3.7	-	-
Public Health	2.5	5.4	-
Education	1.3	-	-
Industry and Trade	-	-	6.9
Federal Budget	-	16.9	-
Others	3.4	0.4	-
Average All Ministries	7.1	4.6	11.8

Analysis of the budget data for DRM-Relevant Expenditure

DRM-Relevant Expenditure by Type of Investment					
DRM-Relevant Expenditure by Type of Investment	Lao PDR FY2010/11 to FY2013/14			Thailand FY2010 to FY2015	Vietnam FY2010 to FY2013
	Central Govt	Provincial Govt	Total	Central Govt	Central Govt
A1 DRM Policy & Institutional Development	0.0	0.0	0.0	0.0	6.6
A2 DRM Awareness/Advocacy & Capacity Building	1.0	1.4	1.1	0.2	7.9
A3 DRM Research, EWS, Hazard Mapping & Analysis etc.	0.4	1.6	0.5	1.4	10.4
A4 DRM Risk Reduction & Capital Investment.	87.1	91.3	87.6	90.5	68.8
B1 Post-Disaster Relief/Response & Support	7.2	0.6	6.4	0.1	0.0
B2 Post-Disaster Recovery & Reconstruction	4.3	5.1	4.4	7.8	6.3
Total Expenditure by Investment Type	100.0	100.0	100.0	100.0	100.0

Recommendations



Recommendations on expenditure and public finance management systems

- Strengthened project planning and performance budgeting systems should be installed in Ministries of Finance and other sectors;
- A budget-tagging system should be considered for the chart-of-accounts to enable specific expenditure items related to DRM & CCA to be tagged;
- More attention needs to be given to ‘soft’ DRM interventions in policy, preparedness, awareness raising, research, and EWS. Investment in ‘hard’ DRM infrastructure should be clearly identified in project/investment design and appraisal;
- Information from annual DRM-expenditure analyses should be used to inform DRM-related policy, expenditure, and investments, and to support SFDRR reporting.

Available online
at:

https://www.asia-pacific.undp.org/content/rbap/en/home/library/democratic_governance/drm-cpeir-lao-pdr-thailand-vietnam.html

**DISASTER RISK MANAGEMENT PUBLIC
EXPENDITURE AND INSTITUTIONAL REVIEWS
(DRM-PEIR) FOR LAO PDR, THAILAND
AND VIETNAM**



Discussion Paper on Lessons Learned



Empowered lives.
Resilient nations.

Canada





Thank you

Rajesh Sharma

Global Programme Specialist, UNDP

 rajesh.sharma@undp.org

 [@hsejar2010](https://twitter.com/hsejar2010)