

River Basin/Floodplain/Delta Group

Projects and AAAs

ID Irrigation Management Modernization
ID Water Resources Management Improvement
ID Water Management for Climate Change Mitigation and Adaptive Development for Lowlands
ID Java Water Resources Strategy
PH Laguna de Bay Institutional Strengthening and Community Participation Project
PH Manila Bay Integrated Water Quality Management Project
PH Participatory Irrigation Development Project
PH Metro Manila Flood Management Master Plan
PH Water Security Study
VN Water Resources Assistance Project
VN Disaster Risk Management Project
VN Managing Natural Hazards
Mekong Delta Water Resources Management Project

1. Cases for replication or scaling up?

Integrated Catchment Management (ID), Water Accounting (CH), Evapo-transpiration Management (CH), Climate Public Expenditure Review (PH), FFS, Aquacrop, use of MASSCOTE/MASSMUS, Java Water Resources Strategic Studies, Water Investment Framework (MA, VN, TH)

2. Knowledge gaps?

Integrated planning and managing landscapes, improving the process for land use planning, transition from small holder subsistence farming to viable commercial farms (including land tenure issues), different adaptation technologies, climate projections/models and vulnerability assessments, coping mechanisms of farmers

3. Key investment priorities and areas for future collaboration between WB and FAO

Agriculture & NRM Investment Elements	Priority areas for future investment by agro-ecosystem.	Specific potential areas for collaboration between FAO and WB.
Institutional Mechanisms	Creation and/or strengthening of Ministry/Sector Agencies/National Government Agencies, RBOs/River Basin Commissions, LGUs (Region, Province, Municipality), Farmer/Irrigator Associations, Stakeholders, Farmer Field Schools	AAA/Institutional analysis, sharing of good institutional practices
Policy & Planning	Conduct of Climate Expenditure Review to formulate policies and to prioritize investments, mainstreaming of CC in national, regional, local and sectoral plans, integrated planning, conduct of Strategic Environmental Assessment, Studies/AAAs, use of Land Governance Assessment Framework (LGAF), use of risk and vulnerability assessment tools	Use of FAO tools such as MASSCOTE/MASSMUS for irrigation, Water Audits/Accounting, MASSIF for fishery, Aquacrop, Participatory Groundwater Management, Land Tenure studies including UN Voluntary Guidelines on Land, Forestry and Fishery, World Agriculture Watch, Water Investment Framework (MA, VN, TH)
Financing/Sustainable Financing	Leveraging domestic financing with global climate finance, ODA (SIL, DPO, P4R), TFs/TAs	Application of Carbon Finance and PES
Skills/Capacity	Weather forecasting, water accounting, incorporating climate change in economic and financial analysis, modeling/vulnerability/risk assessment, FFS	Water accounting, water accounting, incorporating climate change in economic and financial analysis, modeling/vulnerability/risk assessment, FFS
Programmatic		
Infrastructure	Integrated Catchment Management (ID), Irrigation Management Modernization (ID, PH), Rehab of Existing Infra (irrigation, roads, bridges) for Climate Resiliency (VN, PH), River Clean up and Flood Management (ID, PH, VN), Dam Safety (VN and PH), Seawall and River Dikes (VN, PH)	