

GEF International Waters Tracking Tool

NOTE:
Please address all boxes colored blue

GEF Project ID: 5348
 GEF Implementing Agency: UNDP
 Contact Person:
 Project Title and name of Program if applicable: Conserving biodiversity and enhancing ecosystem functions through a "Ridge to Reef" approach in the Cook Islands
 GEF Allocation (\$USD): 4,267,431
 Countries: Cook Islands
 Prepared by Keith Twyford, R2R Chief Technical Adviser 28 Feb 2021; information covers EoP

Select GEF Replenishment: GEF-5

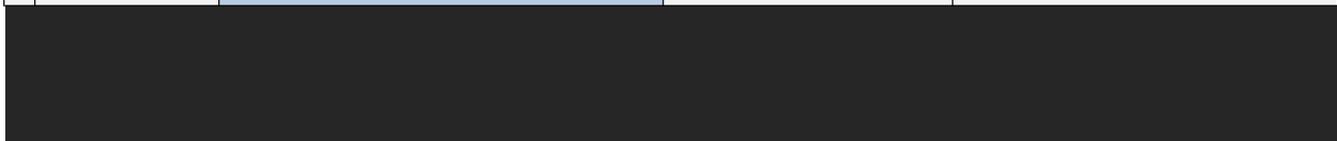
A IW GEF 6 CORE INDICATORS

Enhanced Water-Food-Energy-Ecosystems security and conjunctive management of surface and groundwater	# of Basins
Reduced nutrient pollution and hypoxia (in GEF-eligible LMEs)	LME name
Length of Coastline in GEF-eligible Large Marine Ecosystems under ICM (in GEF-eligible Large Marine Ecosystems) AND Contribute to preventing further loss and degradation in most significant marine protected areas (ha)	# in km
-Globally over-exploited fisheries moved to more sustainable levels	% (by volume)

B PROCESS INDICATORS

Select project's Operational Program(s), Strategic Program(s), or objective(s) below. If multiple OP/SP/Obj is appropriate for a given indicator then select "Multiple" from the dropdown list:			
Indicators	Scroll down menu of ratings	Notes:	Ratings
1	Regional legal agreements/cooperative frameworks	N/A	1 = No legal agreement/cooperation framework in place 2 = Regional legal agreement negotiated but not yet signed 3 = Countries signed legal agreement 4 = Legal agreement ratified and entered into force
2	Regional management institutions (RMI)	N/A	1 = No RMI in place 2 = RMI established but functioning with limited effectiveness, < 50% countries contributing dues 3 = RMI established and functioning, >50% of countries contributing dues 4 = RMI in place, fully functioning and core functions fully sustained by at or near 100% country contributions or other sustainable revenues of the RMI
3	(ABNJ only) Management measures incorporated in the institutional mandates and/or management action frameworks of Global/Regional Management Bodies	N/A	1 = No relevant management measures in ABNJ in Global/Regional Management Body 2 = Management measures in ABNJ designed but not formally adopted 3 = Management measures in ABNJ formally adopted by Global/Regional Management Body 4 = Implementation of management measures in ABNJ being regularly by Global/Regional Management Body
4	National Inter-Ministerial Committees (IMCs)	N/A	1 = No IMCs established 2 = IMCs established and functioning, < 50% countries participating 3 = IMCs established and functioning, > 50% countries participating 4 = IMCs established, functioning and formalized thru legal and/or institutional arrangements, in most participating countries
5	National/Local reforms	N/A	1 = No national/local policies or revision drafted 2 = National/ local policies drafted but not yet adopted 3 = National/legal policies adopted with technical/enforcement mechanism in place 4 = National/ legal policies implemented
6	Transboundary Diagnostic Analysis, including revised (TDA): Agreement on transboundary priorities and root causes	N/A	1 = No progress on TDA 2 = Priority TB issues identified and agreed on but based on limited effect information; inadequate root cause analysis 3 = Priority TB issues agreed on based on solid baseline effect info; root cause analysis is inadequate 4 = Regional agreement on priority TB issues drawn from valid effect baseline, immediate and root causes properly determined

7	Development of Strategic Action Plan (SAP)	N/A		1 = No development of SAP 2 = SAP developed, including clear targets, commitments and time frames addressing key TB concerns spatially 3a = SAP signed on ministerial level (no clear targets); 3b = SAP with clear targets signed on ministerial level 4 = Adoption of SAP into National Action Plans (NAPs) and/or SAP commitments incorporated within national sectoral plans
8	SAP addresses groundwater governance and enhancing conjunctive management of surface and groundwater (as applicable)	N/A		1 = N/A 2 = TDA/SAP consider role of groundwater qualitatively; no relevant action needs identified in SAP 3 = TDA/SAP analyze role of groundwater on national and transboundary levels and identifies need for additional information & knowledge in SAP (as applicable) 4 = TDA/SAP fully recognize role of groundwater for development and identifies governance and managements needs adequately in SAP
9	TDA/SAP addresses Nexus dimensions	N/A		1= TDA/SAP does not consider Water-Food-Energy-ecosystems nexus 2 = TDA/SAP addresses Nexus dimensions qualitatively but identified actions are not aligned with analysis 3 = TDA/SAP makes an effort to specify and estimate Nexus synergies and trade-offs in prioritization of investments; 4 = Water-Food-Energy-Ecosystem Nexus fully recognized as providing benefits for cooperation and investments identified and prioritized accordingly
10	Proportion of Countries that have adopted SAP	N/A		Number of countries adopted SAP / total number of countries - e.g.. 3 countries adopted /10 total countries in project, so 3/10
11	Proportion of countries that are implementing specific measures from the SAP (i.e. adopted national policies, laws, budgeted plans)	N/A		Number of countries implementing adopted SAP / total number of countries - e.g.. 3 countries implementing /10 total countries in project, so 3/10
12	SAP implementation finance secured by governments and development partners	N/A		SAP implementation finance secured for: 1= Only GEF and co-finance; 2= 25 % 3= 50 % 4 = > 50 % of total estimated SAP implementation costs



C **STRESS REDUCTION INDICATORS**

Indicators		Scroll down menu of ratings		Ratings
13	Types of mechanisms in place to produce a monitoring report on stress reduction measures?	2	Mechanisms are primarily at national level and include: Marae Moana Outlook Report; M&E against Cook Islands National Sustainable Development Plan (NSDP); and State of Environment (SoE) reporting.	1 = No mechanisms in place to monitor/report change 2 = Some national/regional monitoring mechanisms, but they do not satisfy the project related indicators. 3 = monitoring mechanisms in place for some of the project related indicators 4 = Mechanisms in place and sustainable for long-term monitoring
14	Stress reduction measurements incorporated by project through improved management of:	Choose Management Mechanism from list below: 4	Please specify the area or length of coastline currently under improved management out of total area identified by project below (e.g. 10,000/100,000 Ha): Area of existing MPAs (established under Marae Moana Act) is 309,139 km ² of total area of Cook Islands Marine Park (1,930,000 km ²); 16.0% is MPA, all within Cook Islands internal waters, territorial seas and EEZ; none is in ABNJ.	Management Mechanisms: 1 = Integrated Water Resource Management (watershed, lakes, aquifers) 2 = Integrated Coastal Management 3 = Marine Spatial Planning 4 = Marine Protected areas
Please specify the types of technologies and measures implemented in demo investments (Column D) and their respective results (Column I):				
		Stress Reduction Measurements (Choose up to five)		Please enter amount/value of respective stress reduction below:
	3	1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr) 2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr 3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr 4 = Restored habitat, including wetlands - ha restored 5 = Conserved/protected wetland, MPAs and fish refugia habitat - ha applied		Area not specifically targeted; no data available on extent, if any, of reduction in N, P & BOD.

15	Local investment #1	5	<ul style="list-style-type: none"> 5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied 6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size 7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques 8 = Water use efficiency measures - m³/yr water saved 9 = Improved irrigation practices - m³/ha/yr water saved 10 = Alternative livelihoods introduced - # people provided alternative livelihoods 11 = Catchment protection measures - ha under improved catchment management 12 = Aquifer pumping reduction - m³/yr water saved 	<p>Marine protected areas (MPA) = 309,139 km²; Managed Areas (marine, non-MPA) = 2699 ha (Twyford 2021 - PACS)</p>
	Briefly describe investment in a 100 words or less: refer ProDoc for full description of project objective, outcomes and approach.			
	Local investment #2	Stress Reduction Measurements (Choose up to five)		Please enter amount/value of respective stress reduction below:
		1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr)		
		2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr		
		3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr		
		4 = Restored habitat, including wetlands - ha restored		
		5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied		
		6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size		
		7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques		
		8 = Water use efficiency measures - m ³ /yr water saved		
		9 = Improved irrigation practices - m ³ /ha/yr water saved		
	10 = Alternative livelihoods introduced - # people provided alternative livelihoods			
	11 = Catchment protection measures - ha under improved catchment management			
	12 = Aquifer pumping reduction - m ³ /yr water saved			
13 = Aquifer recharge area protection - ha protected				
14 = Managed Aquifer Recharge (MAR) - volume				
15 = Pollution reduction to aquifers - kg/ha/year reduction				
16 = Invasive species reduction - ha and/or #'s of targeted area				
17 = Amount of \$ leveraged from private sector				
18 = Integrated Water Resource Management (Ha)				
19 = Integrated Coastal Management (Ha)				
20 = Other - please specify in box below				
Briefly describe investment in a 100 words or less:				
Local investment #3	Stress Reduction Measurements (Choose up to five)		Please enter amount/value of respective stress reduction below:	
	1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr)			
	2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr			
	3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr			
	4 = Restored habitat, including wetlands - ha restored			
	5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied			
	6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size			
	7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques			
	8 = Water use efficiency measures - m ³ /yr water saved			
	9 = Improved irrigation practices - m ³ /ha/yr water saved			
10 = Alternative livelihoods introduced - # people provided alternative livelihoods				
11 = Catchment protection measures - ha under improved catchment management				
12 = Aquifer pumping reduction - m ³ /yr water saved				
13 = Aquifer recharge area protection - ha protected				
14 = Managed Aquifer Recharge (MAR) - volume				
15 = Pollution reduction to aquifers - kg/ha/year reduction				
16 = Invasive species reduction - ha and/or #'s of targeted area				
17 = Amount of \$ leveraged from private sector				
18 = Integrated Water Resource Management (Ha)				
19 = Integrated Coastal Management (Ha)				
20 = Other - please specify in box below				
Briefly describe investment in a 100 words or less:				
NOTE: If the project has more than three local investments, please fill out the Annex A found in the worksheet tabs below.				

D WATER, ENVIRONMENTAL & SOCIOECONOMIC STATUS Indicators

Indicators	Scroll down menu of ratings		Ratings
16 Number of national/regional/global policies, legislation, plans and strategies that incorporate gender dimensions	N/A		

17	Number of women and men as direct beneficiaries of project activities		not known as gender disaggregated data not collected for the many, many activities undertaken by R2R and by partner organisations	
18	Number of civil society stakeholders/participants engaged in TDA/SAP development (gender disaggregated)	N/A		
19	Types of mechanisms and project indicators in place to monitor the environmental status of the waterbody?	2	Water quality monitoring for nutrients and sediments is carried out for the lagoons on 2-3 islands (Rarotonga and Aitutaki; Manahiki tbc). Significant issues and flaws with R2R KPIs associated with water monitoring - refer Twyford & Weeks (2021)	1 = No mechanisms in place 2 = Some national/regional monitoring mechanisms, but they do not satisfy the project related indicators. 3 = Monitoring mechanisms in place for some of the project related indicators 4 = Mechanisms in place for project related indicators and sustainable for long-term monitoring

E

IW:LEARN Indicators

Indicators	Scroll down menu of ratings		Ratings
20 Participation in IW events (GEF IWC, Training, Twinning and other IW:LEARN activities)	1		1 = No participation 2 = Documentation of minimum 1 event or limited Twinning participation 3 = Strong participation in training/twinning and in IWC 4 = Country participation in IWC, and submission of atleast one Results & one Experience Note
21 Project website (according to IW:LEARN guidelines)	1		1 = No project website 2 = Website not in line with IW:LEARN guidelines, not regularly updated 3 = Website in line with IW:LEARN guidelines, and regularly updated 4 = Website in line with IW:LEARN guidelines, and contributing spatial and other data to IWLEARN.net

Date Completed: 16/07/2021



GEF IW Tracking Tool - Annex A: Additional Local Investments

Please specify the types of technologies and measures implemented in local investments (Column D) and their respective results (Column I):

		<i>Stress Reduction Measurements (Choose up to five)</i>	<i>Please enter amount/value of respective stress reduction below:</i>
Local investment #4		1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr) 2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr 3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr 4 = Restored habitat, including wetlands - ha restored 5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied 6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size 7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques 8 = Water use efficiency measures - m ³ /yr water saved 9 = Improved irrigation practices - m ³ /ha/yr water saved 10 = Alternative livelihoods introduced - # people provided alternative livelihoods 11 = Catchment protection measures - ha under improved catchment management 12 = Aquifer pumping reduction - m ³ /yr water saved 13 = Aquifer recharge area protection - ha protected 14 = Managed Aquifer Recharge (MAR) - volume 15 = Pollution reduction to aquifers - kg/ha/year reduction 16 = Invasive species reduction - ha and/or #'s of targeted area 17 = Amount of \$ leveraged from private sector 18 = Integrated Water Resource Management (Ha) 19= Integrated Coastal Management (Ha) 20= Other - please specify in box below	
	<i>Briefly describe investment in a 100 words or less:</i>		
Local investment #5		1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr) 2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr 3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr 4 = Restored habitat, including wetlands - ha restored 5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied 6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size 7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques 8 = Water use efficiency measures - m ³ /yr water saved 9 = Improved irrigation practices - m ³ /ha/yr water saved 10 = Alternative livelihoods introduced - # people provided alternative livelihoods 11 = Catchment protection measures - ha under improved catchment management 12 = Aquifer pumping reduction - m ³ /yr water saved 13 = Aquifer recharge area protection - ha protected 14 = Managed Aquifer Recharge (MAR) - volume 15 = Pollution reduction to aquifers - kg/ha/year reduction 16 = Invasive species reduction - ha and/or #'s of targeted area 17 = Amount of \$ leveraged from private sector 18 = Integrated Water Resource Management (Ha) 19= Integrated Coastal Management (Ha) 20= Other - please specify in box below	
	<i>Briefly describe investment in a 100 words or less:</i>		
Local investment #6		1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr) 2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr 3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr 4 = Restored habitat, including wetlands - ha restored 5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied 6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size 7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques 8 = Water use efficiency measures - m ³ /yr water saved 9 = Improved irrigation practices - m ³ /ha/yr water saved 10 = Alternative livelihoods introduced - # people provided alternative livelihoods	

Local investment #6		<p>20 = Alternative livelihoods introduced - # people provided alternative livelihoods</p> <p>11 = Catchment protection measures - ha under improved catchment management</p> <p>12 = Aquifer pumping reduction - m³/yr water saved</p> <p>13 = Aquifer recharge area protection - ha protected</p> <p>14 = Managed Aquifer Recharge (MAR) - volume</p> <p>15 = Pollution reduction to aquifers - kg/ha/year reduction</p> <p>16 = Invasive species reduction - ha and/or #'s of targeted area</p> <p>17 = Amount of \$ leveraged from private sector</p> <p>18 = Integrated Water Resource Management (Ha)</p> <p>19= Integrated Coastal Management (Ha)</p> <p>20= Other - please specify in box below</p>	
<i>Briefly describe investment in a 100 words or less:</i>			
Local investment #7		<p style="text-align: center;"><i>Stress Reduction Measurements (Choose up to five)</i></p> <p>1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr)</p> <p>2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr</p> <p>3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr</p> <p>4 = Restored habitat, including wetlands - ha restored</p> <p>5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied</p> <p>6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size</p> <p>7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques</p> <p>8 = Water use efficiency measures - m³/yr water saved</p> <p>9 = Improved irrigation practices - m³/ha/yr water saved</p> <p>10 = Alternative livelihoods introduced - # people provided alternative livelihoods</p> <p>11 = Catchment protection measures - ha under improved catchment management</p> <p>12 = Aquifer pumping reduction - m³/yr water saved</p> <p>13 = Aquifer recharge area protection - ha protected</p> <p>14 = Managed Aquifer Recharge (MAR) - volume</p> <p>15 = Pollution reduction to aquifers - kg/ha/year reduction</p> <p>16 = Invasive species reduction - ha and/or #'s of targeted area</p> <p>17 = Amount of \$ leveraged from private sector</p> <p>18 = Integrated Water Resource Management (Ha)</p> <p>19= Integrated Coastal Management (Ha)</p> <p>20= Other - please specify in box below</p>	<p><i>Please enter amount/value of respective stress reduction below:</i></p>
<i>Briefly describe investment in a 100 words or less:</i>			
Local investment #8		<p style="text-align: center;"><i>Stress Reduction Measurements (Choose up to five)</i></p> <p>1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr)</p> <p>2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr</p> <p>3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr</p> <p>4 = Restored habitat, including wetlands - ha restored</p> <p>5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied</p> <p>6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size</p> <p>7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques</p> <p>8 = Water use efficiency measures - m³/yr water saved</p> <p>9 = Improved irrigation practices - m³/ha/yr water saved</p> <p>10 = Alternative livelihoods introduced - # people provided alternative livelihoods</p> <p>11 = Catchment protection measures - ha under improved catchment management</p> <p>12 = Aquifer pumping reduction - m³/yr water saved</p> <p>13 = Aquifer recharge area protection - ha protected</p> <p>14 = Managed Aquifer Recharge (MAR) - volume</p> <p>15 = Pollution reduction to aquifers - kg/ha/year reduction</p> <p>16 = Invasive species reduction - ha and/or #'s of targeted area</p> <p>17 = Amount of \$ leveraged from private sector</p> <p>18 = Integrated Water Resource Management (Ha)</p> <p>19= Integrated Coastal Management (Ha)</p> <p>20= Other - please specify in box below</p>	<p><i>Please enter amount/value of respective stress reduction below:</i></p>
<i>Briefly describe investment in a 100 words or less:</i>			
<i>Stress Reduction Measurements (Choose up to five)</i>			
<i>Please enter amount/value of respective stress reduction below:</i>			

Local investment #9	1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr)	
	2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr	
	3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr	
	4 = Restored habitat, including wetlands - ha restored	
	5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied	
	6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size	
	7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques	
	8 = Water use efficiency measures - m ³ /yr water saved	
	9 = Improved irrigation practices - m ³ /ha/yr water saved	
	10 = Alternative livelihoods introduced - # people provided alternative livelihoods	
11 = Catchment protection measures - ha under improved catchment management		
12 = Aquifer pumping reduction - m ³ /yr water saved		
13 = Aquifer recharge area protection - ha protected		
14 = Managed Aquifer Recharge (MAR) - volume		
15 = Pollution reduction to aquifers - kg/ha/year reduction		
16 = Invasive species reduction - ha and/or #'s of targeted area		
17 = Amount of \$ leveraged from private sector		
18 = Integrated Water Resource Management (Ha)		
19 = Integrated Coastal Management (Ha)		
20 = Other - please specify in box below		
<i>Briefly describe investment in a 100 words or less:</i>		
Local investment #10	<i>Stress Reduction Measurements (Choose up to five)</i>	
	<i>Please enter amount/value of respective stress reduction below:</i>	
	1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr)	
	2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr	
	3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr	
	4 = Restored habitat, including wetlands - ha restored	
	5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied	
	6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size	
	7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques	
	8 = Water use efficiency measures - m ³ /yr water saved	
9 = Improved irrigation practices - m ³ /ha/yr water saved		
10 = Alternative livelihoods introduced - # people provided alternative livelihoods		
11 = Catchment protection measures - ha under improved catchment management		
12 = Aquifer pumping reduction - m ³ /yr water saved		
13 = Aquifer recharge area protection - ha protected		
14 = Managed Aquifer Recharge (MAR) - volume		
15 = Pollution reduction to aquifers - kg/ha/year reduction		
16 = Invasive species reduction - ha and/or #'s of targeted area		
17 = Amount of \$ leveraged from private sector		
18 = Integrated Water Resource Management (Ha)		
19 = Integrated Coastal Management (Ha)		
20 = Other - please specify in box below		
<i>Briefly describe investment in a 100 words or less:</i>		
Local investment #11	<i>Stress Reduction Measurements (Choose up to five)</i>	
	<i>Please enter amount/value of respective stress reduction below:</i>	
	1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr)	
	2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr	
	3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr	
	4 = Restored habitat, including wetlands - ha restored	
	5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied	
	6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size	
	7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques	
	8 = Water use efficiency measures - m ³ /yr water saved	
9 = Improved irrigation practices - m ³ /ha/yr water saved		
10 = Alternative livelihoods introduced - # people provided alternative livelihoods		
11 = Catchment protection measures - ha under improved catchment management		
12 = Aquifer pumping reduction - m ³ /yr water saved		
13 = Aquifer recharge area protection - ha protected		
14 = Managed Aquifer Recharge (MAR) - volume		
15 = Pollution reduction to aquifers - kg/ha/year reduction		
16 = Invasive species reduction - ha and/or #'s of targeted area		
17 = Amount of \$ leveraged from private sector		
18 = Integrated Water Resource Management (Ha)		
19 = Integrated Coastal Management (Ha)		
20 = Other - please specify in box below		
<i>Briefly describe investment in a 100 words or less:</i>		

Local investment #12	Stress Reduction Measurements (Choose up to five)	Please enter amount/value of respective stress reduction below:
	1 = Municipal wastewater pollution reduction - N, P & BOD (kg/yr) 2 = Industrial wastewater pollution reduction - pollutant; estimated kg/yr 3 = Agriculture pollution reduction practices - ha of practices; estimate of N, P & BOD kg/yr 4 = Restored habitat, including wetlands - ha restored 5 = Conserved/protected wetland, MPAs, and fish refugia habitat - ha applied 6 = Reduced fishing pressure - tons/yr reduction; % reduction in fleet size 7 = Improved use of fish gear/techniques - % vessels applying improved gear/techniques 8 = Water use efficiency measures - m ³ /yr water saved 9 = Improved irrigation practices - m ³ /ha/yr water saved 10 = Alternative livelihoods introduced - # people provided alternative livelihoods 11 = Catchment protection measures - ha under improved catchment management 12 = Aquifer pumping reduction - m ³ /yr water saved 13 = Aquifer recharge area protection - ha protected 14 = Managed Aquifer Recharge (MAR) - volume 15 = Pollution reduction to aquifers - kg/ha/year reduction 16 = Invasive species reduction - ha and/or #'s of targeted area 17 = Amount of \$ leveraged from private sector 18 = Integrated Water Resource Management (Ha) 19 = Integrated Coastal Management (Ha) 20 = Other - please specify in box below	
<i>Briefly describe investment in a 100 words or less:</i>		