



Marine Assessments:

Sharing Results and Experience in a Global Indicator-based Assessment of International Marine Waters

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Outline



1. Goals of TWAP
2. Marine indicators with relevance to RSP and SDG
3. Result highlights
4. Web-based resource:
<http://onesharedocean.org/data>
5. Input data and data sources

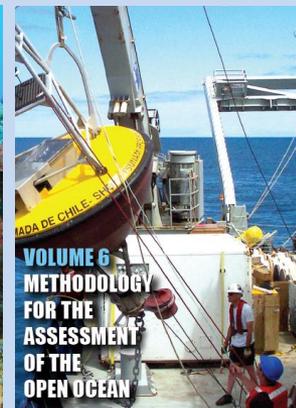
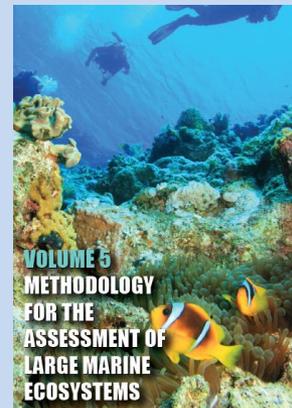
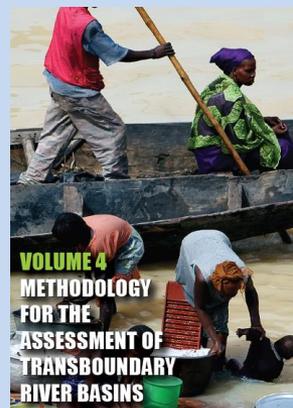
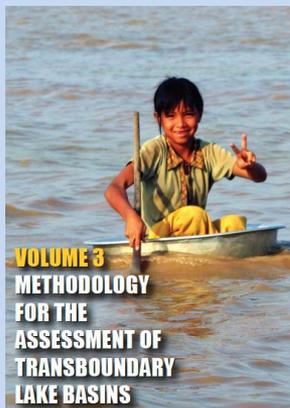
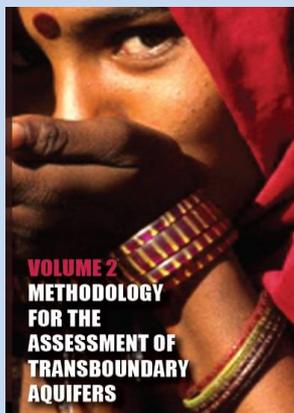


TWAP Medium-Sized Project (2009-10)



<http://www.geftwap.org>

Indicator-Based Assessment Methods



Lead Organizations



Implementing Agency



TWAP Full Size Project (2013-15): Global Indicator-Based Assessment



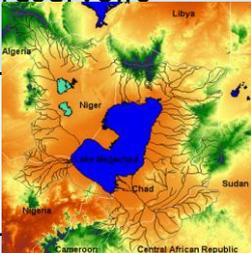
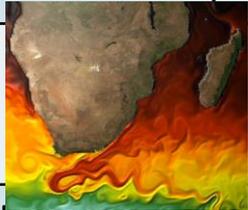
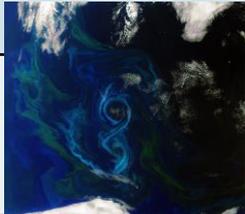
- Conduct **first global assessment** to assist GEF and other donors to improve the setting of funding priorities;
- Formalize **partnerships with key institutions** aimed at incorporating transboundary considerations into regular assessment programs, & resulting in periodic assessments of transboundary water systems

Global Indicator-based Transboundary Waters Assessment Programme



Comparative within a water system

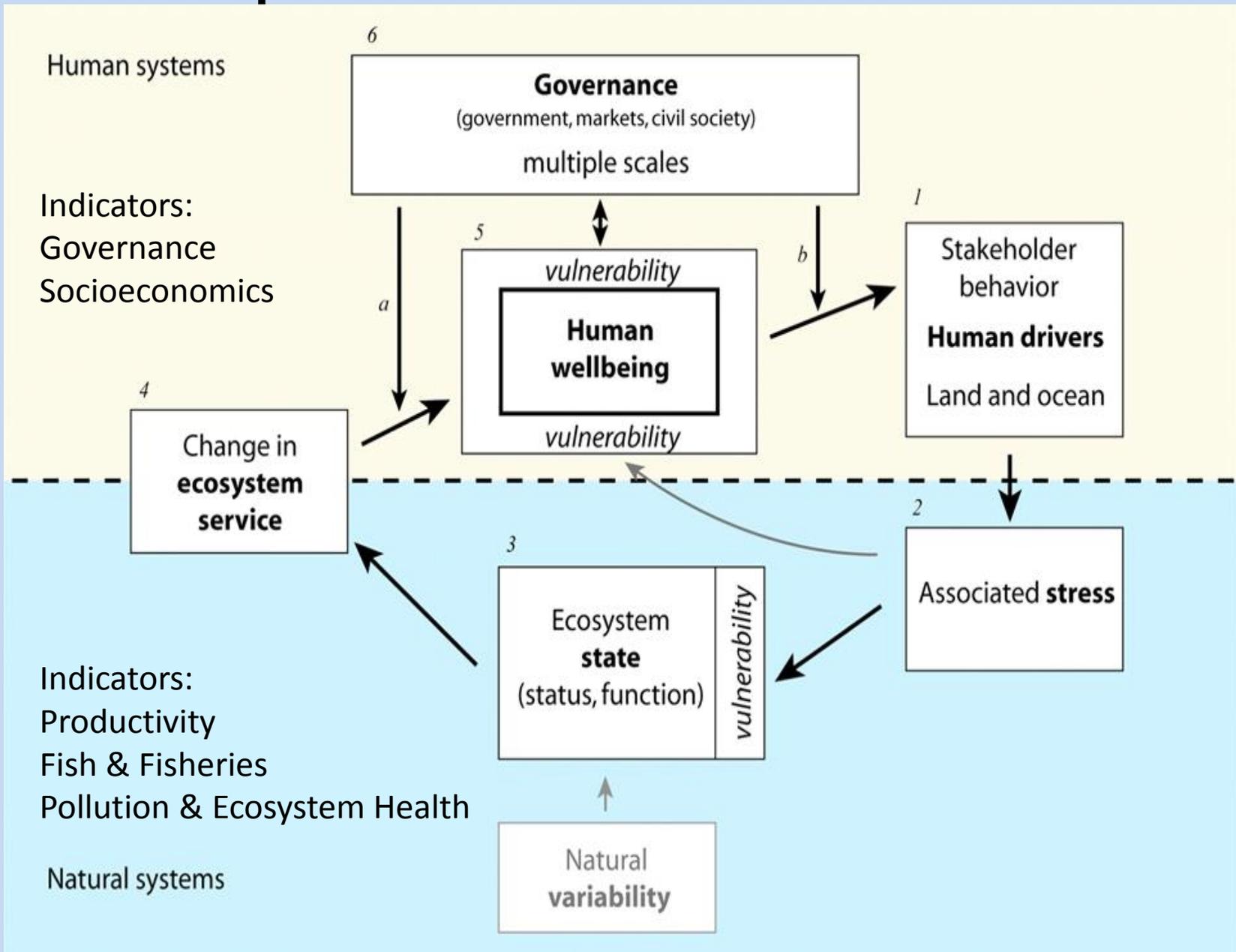
Thematic

Elements	Transboundary Aquifers:	Transboundary Lakes Basins & Reservoirs	Transboundary River Basins	Large Marine Ecosystems	The Open Ocean
Spatial coverage, 2010, 2030, 2050	166 aquifers 43 groundwater systems in SIDS	200 lakes/ reservoirs 	276 river basins 	66 LMEs, of which 55 are transboundary 	Global Open Ocean 
Biophysical indicators		Water stress	Access to water Access to sanitation	Fisheries revenues Tourism revenues	Vulnerability to sea level rise
Socioeconomic Indicators (e.g.)	Water demand by economic sector				
Governance architecture/ arrangement (e.g.)	For Water Quantity	For Water Distribution	For Habitat Destruction	For Fisheries	For Biodiversity
Data & Information Management	(next slide)				



Assessment of LMEs

Conceptual framework



Questions for the assessment



- What are the current trends (& projections) in LME state?
- Which LMEs are at highest relative risk?
- What are the implications for humans
 - Where is human dependency greatest on ecosystem services of LMEs?
 - Where are humans most vulnerable to changes in LME

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_11803

