

Convention on Wetlands (Ramsar, Iran, 1971)
19th Meeting of the Scientific and Technical Review Panel (STRP)
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DOC. STRP19-3

STRP Thematic Work Areas Literature Review

STRP Thematic Work Area: Best practice methodologies / tools to monitor Ramsar Sites, including surveying, mapping, and inventorying recognizing traditional practices of indigenous peoples and local communities.		
Document Title (Hyperlinked)	Pinpoints and Notes	Languages*
Ramsar Handbook 7: Participatory skills (4th ed.)	53–57	EFS
Ramsar Handbook 9: River basin management (4th ed.)	58, 72–73	EFS
Ramsar Handbook 13: Inventory, assessment, and monitoring (4th ed.)		EFS
Ramsar Handbook 15: Wetland inventory (4th ed.)		EFSA
Ramsar Handbook 19: Addressing change in wetland ecological character (4th ed.)	11–18	EFS
Resolution XII.15: Evaluation of the management and conservation effectiveness of Ramsar Sites	Annex 1	EFS
Resolution XI.12: Wetlands and health: taking an ecosystem approach	Annex 3	EFS
Resolution X.15: Describing the ecological character of wetlands, and data needs and formats for core inventory: harmonized scientific and technical guidance	Annex	EFS
Resolution X.16: A Framework for processes of detecting, reporting and responding to change in wetland ecological character	Annex	EFS
Resolution X.21: Guidance on responding to the continued spread of highly pathogenic avian influenza	Annex	EFS
Resolution IX.1, Annex D: Ecological “outcome-oriented” indicators for assessing the implementation effectiveness of the Ramsar Convention		EFS
Resolution IX.1, Annex E: An Integrated Framework for wetland inventory, assessment and monitoring (IF-WIAM)		EFS
Resolution IX.1, Annex Ei: Guidelines for the rapid assessment of inland, coastal and marine wetland biodiversity		EFS
Resolution VIII.6: A Ramsar Framework for Wetland Inventory	Annex (Table 2 in Annex was superseded by	EFS

	Res. X.15)	
Resolution VII.10: Wetland Risk Assessment Framework	Annex	EFS
COP11 DOC. 24: Limits of Acceptable Change		E
DOC. SC35-4: Activities with International Organization Partners “Watching the Wetlands”		E
Ramsar Technical Report No. 1: Guidelines for the rapid ecological assessment of biodiversity in inland water, coastal and marine areas		EFS
Ramsar Technical Report No. 2: Low-cost GIS software and data for wetland inventory, assessment & monitoring		ES
Ramsar Technical Report No. 4: A Framework for a Wetland Inventory Metadatabase		E
Ramsar Technical Report No. 7: Ramsar Wetland Disease Manual: Guidelines for Assessment, Monitoring and Management of Animal Disease in Wetlands		E
Monitoring Important Bird Areas: a global framework	BirdLife International	E
An Integrated Wetland Assessment Toolkit: A guide to good practice	IUCN	E
Monitoring and Evaluation Guidelines for Community Based Wetland Resource Management	IUCN	E
Global Lakes and Wetlands Database	WWF	
Biodiversity and Ecosystem Services Trends and Conditions Assessment Tool	The Nature Conservancy	
Management Effectiveness Tracking Tool	WWF & World Bank	EFS
Guidance for National Biodiversity Indicator Development and Use	Biodiversity Indicators Partnership	EFS (and others)

*E = English; F = French; S = Spanish; R = Russian; A = Arabic; C = Chinese; K = Korean

STRP Thematic Work Area: Best practices for developing and implementing management plans, action plans and other tools for Ramsar Sites and other wetlands.		
Document Title (Hyperlinked)	Pinpoints and Notes	Languages
Ramsar Handbook 2: National Wetland Policies (4th ed.)		EFS
Ramsar Handbook 4: Avian influenza and wetlands (4th ed.)	39–46	EFS
Ramsar Handbook 6: Wetland CEPA (4th ed.)	17	EFSRA

Ramsar Handbook 7: Participatory skills (4th ed.)		EFS
Ramsar Handbook 8: Water-related guidance (4th ed.)		EFS
Ramsar Handbook 18: Managing wetlands (4th ed.)		EFS
Ramsar Handbook 20: International cooperation		EFS
Resolution XI.7: Tourism, recreation and wetlands		EFS
Resolution XI.9: An Integrated Framework and guidelines for avoiding, mitigating and compensating for wetland losses	Annex	EFS
Resolution XI.11: Principles for the planning and management of urban and peri-urban wetlands	Annex	EFS
Resolution XI.12: Wetlands and health: taking an ecosystem approach	Annex 3	EFS
Resolution XI.13: An Integrated Framework for linking wetland conservation and wise use with poverty eradication	Annex	EFS
Resolution X.15: Describing the ecological character of wetlands, and data needs and formats for core inventory: harmonized scientific and technical guidance	Annex	EFS
Resolution X.16: A Framework for processes of detecting, reporting and responding to change in wetland ecological character	Annex	EFS
Resolution X.17: Environmental Impact Assessment and Strategic Environmental Assessment: updated scientific and technical guidance	Annex	EFS
Resolution X.19: Wetlands and river basin management: consolidated scientific and technical guidance	Annex	EFS
Resolution X.21: Guidance on responding to the continued spread of highly pathogenic avian influenza	Annex	EFS
Resolution IX.1, Annex Cii: Guidelines for the management of groundwater to maintain wetland ecological character		EFS
Resolution VIII.1: Guidelines for the allocation and management of water for maintaining the ecological functions of wetlands	Annex	EFS
Resolution VIII.4: Wetland issues in Integrated Coastal Zone Management (ICZM)	Annex	EFS
Resolution VIII.14: New Guidelines for management planning for Ramsar sites and other wetlands	Annex	EFS
Resolution VIII.16: Principles and guidelines for wetland restoration	Annex	EFS
Resolution VIII.17: Guidelines for Global Action on Peatlands	Annex	EFS
Resolution VIII.20: General guidance for interpreting “urgent national interests” under Article 2.5 of the Convention and considering compensation under Article 4.2	Annex	EFS
Resolution VIII.33: Guidance for identifying, sustainably managing, and designating temporary pools as Wetlands of	Annex	EFS

International Importance		
Resolution VIII.36: Participatory Environmental Management (PEM) as a tool for management and wise use of wetlands	Annex	EFS
Resolution VII.8: Guidelines for establishing and strengthening local communities' and indigenous people's participation in the management of wetlands	Annex	EFS
Resolution VII.10: Wetland Risk Assessment Framework	Annex	EFS
COP12 DOC.20: Information Paper: Management effectiveness assessments for Ramsar Sites		EFS
COP11 DOC. 24: Limits of Acceptable Change		E
COP10 DOC. 33: Enhancing wetland wise use: a guide for capacity development		E
COP10 DOC. 27: Background and rationale to the Framework for processes of detecting, reporting and responding to change in wetland ecological character		E
STRP Briefing Note No. 6: Towards the wise use of urban and peri-urban wetlands	(urbanization)	E
STRP Briefing Note No. ____: A guide to available guidance on IAS (forthcoming; title to be finalized)		E
Ramsar Technical Report No. 7: Ramsar Wetland Disease Manual: Guidelines for Assessment, Monitoring and Management of Animal Disease in Wetlands		E
Ramsar Technical Report No. 9: Determination and implementation of environmental water requirements for estuaries		E
Change in ecological character of wetland sites – Ramsar guidance and mechanisms (2014)	As noted in COP12 DOC.6, this report was prepared to deliver on tasks 20, 25, and 41 in 2013–2015 triennium.	E
An Integrated Wetland Assessment Toolkit: A guide to good practice	IUCN	E
Approaches to Sustainable Wetland Resource Management	IUCN; Ch. 2–10	E
Flow: The essentials of environmental flows	IUCN	EFSC (and others)
Wetland Management Planning: Methodology Manual for Indian Planners	Wetlands International	E

Wetland Management Planning: A Guide for Site Managers	WWF, Wetlands International, IUCN (and Ramsar)	E
The Economics of Ecosystems and Biodiversity for Water and Wetlands	IEEP & Ramsar; Sec. 3–5	E (summary available in EFSRAC)
Destination Wetlands: Supporting sustainable tourism	Ramsar & World Tourism Organization; Sec. 4–5	EFS
Handbook on Best Practices for the Planning, Design and Operation of Wetland Education Centres	Ramsar & Environmental Ecosystem Research Foundation	EFK
Our Country Our Way: Guidelines for Australian Indigenous Protected Area Management Plans	Australian Government	E
Towards a Community of Practice of Wetland Project Managers: Lessons Learned from Central and West Asia and the Mediterranean	DOE-Iran, UNDP, GEF, et al.	E and Farsi

STRP Thematic Work Area: Methodologies for the economic and non-economic valuation of the values of the goods and services of wetlands.		
Document Title (Hyperlinked)	Pinpoints and Notes	Languages
Resolution VIII.19: Guiding principles for taking into account the cultural values of wetlands for the effective management of sites	Annex	EFS
Ramsar Technical Report No. 3: Valuing wetlands: Guidance for valuing the benefits derived from wetland ecosystem services		EFS
Ramsar Technical Report No. 6: Healthy wetlands, healthy people: A review of wetlands and human health interactions	34–37	E
STRP Briefing Note No. ____: Wetland Ecosystem Services (forthcoming; title to be finalized)		E
Culture and wetlands: a Ramsar guidance document	Culture Working Group	EFS
Toolkit for Ecosystem Service Site-based Assessments (TESSA)	BirdLife International	
Economic Values of Protected Areas: Guidelines for Protected	IUCN; 15–22	ER

Area Managers		
An Integrated Wetland Assessment Toolkit: A guide to good practice	IUCN; Ch. 5	E
Economic Valuation of Wetlands: A Guide For Policy Makers And Planners	Ramsar, IUCN, et al.; from 1997	E
Working Wetlands: Classifying Wetland Potential for Agriculture	IWMI	E
The Economics of Ecosystems and Biodiversity for Water and Wetlands	IEEP & Ramsar	E (summary available in EFSRAC)
Ecosystems and Human Well-Being: Wetlands and Water Synthesis	Millennium Ecosystem Assessment	ES (and others)
Earth Economics Ecosystem Valuation Toolkit	Earth Economics; (some resources are not available yet)	
Guidance Manual for the Valuation of Regulating Services	UNEP	E
Manual on Value Transfer Methods for Ecosystem Services	UNEP	E
Literature Review of the Economic Value of Ecosystem Services that Wetlands Provide: Final Report prepared for the Department of Sustainability, Environment, Water, Population and Communities	Marsden Jacob Associates	E
Economic valuation of water resources in agriculture: From the sectoral to a functional perspective of natural resource management	FAO; Ch. 4	E
Biodiversity and Ecosystem Services Trends and Conditions Assessment Tool	The Nature Conservancy	
The IPBES Conceptual Framework – connecting nature and people	IPBES	E
The Economics of Ecosystems and Biodiversity – Ecological and Economic Foundations	TEEB	E

STRP Thematic Work Area: Balancing wetland conservation and development e.g. infrastructure, urbanization, forestry, extractive industries, and agriculture.		
Document Title (Hyperlinked)	Pinpoints and Notes	Languages
Ramsar Handbook 8: Water-related guidance (4th ed.)		EFS
Ramsar Handbook 9: River basin management (4th ed.)	66-69 and throughout	EFS
Ramsar Handbook 10: Water allocation and management (4th ed.)		EFS

Ramsar Handbook 11: Managing groundwater (4th ed.)		EFS
Ramsar Handbook 12: Coastal management (4th ed.)		EFSA
Ramsar Handbook 16: Impact assessment (4th ed.)		EFSR
Ramsar Handbook 20: International cooperation		EFS
Resolution XI.7: Tourism, recreation and wetlands		EFS
Resolution XI.9: An Integrated Framework and guidelines for avoiding, mitigating and compensating for wetland losses	Annex	EFS
Resolution XI.10: Wetlands and energy issues	Annex (energy)	EFS
Resolution XI.11: Principles for the planning and management of urban and peri-urban wetlands	Annex (urbanization)	EFS
Resolution XI.13: An Integrated Framework for linking wetland conservation and wise use with poverty eradication	Annex	EFS
Resolution X.3: The Changwon Declaration on human well-being and wetlands	Annex	EFS
Resolution X.17: Environmental Impact Assessment and Strategic Environmental Assessment: updated scientific and technical guidance	Annex	EFS
Resolution X.19: Wetlands and river basin management: consolidated scientific and technical guidance	Annex	EFS
Resolution IX.1, Annex Cii: Guidelines for the management of groundwater to maintain wetland ecological character		EFS
Resolution IX.4: The Ramsar Convention and conservation, production and sustainable use of fisheries resources	Annex (fisheries)	EFS
Resolution VIII.1: Guidelines for the allocation and management of water for maintaining the ecological functions of wetlands	Annex	EFS
Resolution VIII.4: Wetland issues in Integrated Coastal Zone Management (ICZM)	Annex	EFS
Resolution VIII.17: Guidelines for Global Action on Peatlands	Annex	EFS
Resolution VII.7: Guidelines for reviewing laws and institutions to promote the conservation and wise use of wetlands	Annex	EFS
COP11 DOC. 28: Supporting information on wetlands and energy issues (COP11 DR10)	6–11 (energy)	E
Ramsar Advisory Mission reports		Varies (E, F, and/or S)
STRP Briefing Note No. 6: Towards the wise use of urban and peri-urban wetlands	(urbanization)	E
Ramsar Technical Report No. 9: Determination and		E

implementation of environmental water requirements for estuaries		
Change in ecological character of wetland sites – Ramsar guidance and mechanisms (2014)	As noted in COP12 DOC.6, this report was prepared to deliver on STRP tasks 20, 25, and 41 in 2013–2015 triennium.	E
Flow: The essentials of environmental flows	IUCN	EFSC (and others)
Wetlands and people	IWMI	E
Wetlands, Agriculture and Poverty Reduction	IWMI; (agriculture)	E
Water implications of biofuel crops: understanding tradeoffs and identifying options	IWMI	E
Facilitating Outcomes: Multi-stakeholder Processes for Influencing Policy Change on Urban Agriculture in Selected West African and South Asian Cities	IWMI; (agriculture)	E
Working Wetlands: Classifying Wetland Potential for Agriculture	IWMI; (agriculture)	E
Practical guidance for implementing RSPO Principles and Criteria in relation to peatlands	Wetlands International; (draft)	E
Destination Wetlands: Supporting sustainable tourism	Ramsar & World Tourism Organization	EFS
Tourism Supporting Biodiversity: A Manual on applying the CBD Guidelines on Biodiversity and Tourism Development	UNEP & CBD	E
Ecosystems and Human Well-Being: Wetlands and Water Synthesis	Millennium Ecosystem Assessment	ES (and others)
A Guide to Developing Biodiversity Action Plans for the Oil and Gas Sector	IPIECA & OGP	ES
Biodiversity Offset Design Handbook	Business and Biodiversity Offsets Programme	E
Achieving Conservation And Development: 10 Principles for Applying the Mitigation Hierarchy	The Nature Conservancy	ES
Biodiversity Offsets: Effective Design and Implementation	OECD	E

Scoping agriculture-wetlands interactions: Towards a sustainable multi-response strategy	Ramsar & FAO	E
Biodiversity and Ecosystem Services Trends and Conditions Assessment Tool	The Nature Conservancy	

STRP Thematic Work Area: Climate change and wetlands: innovative methodologies for wetlands restoration.		
Document Title (Hyperlinked)	Pinpoints and Notes	Languages
Ramsar Handbook 19: Addressing change in wetland ecological character (4th ed.)	32–42 (restoration, but not necessarily specific to climate change context)	EFS
Resolution VIII.16: Principles and guidelines for wetland restoration	Annex	EFS
COP10 DOC. 25: Additional information on climate change and wetlands issues	26–28	E
STRP Briefing Note No. 4: The benefits of wetland restoration		EFS
STRP Briefing Note No. 5: Evaluating the risk to Ramsar Sites from climate change induced sea level rise	(climate change, but not necessarily restoration focus)	E
Ramsar Technical Report No. 5: A Framework for assessing the vulnerability of wetlands to climate change	(climate change, but not necessarily restoration focus)	E
Keep it fresh or salty: An introductory guide to financing wetland carbon programs and projects	IUCN, Wetlands International (and Conservation International)	E
Peatlands - guidance for climate change mitigation through conservation, rehabilitation and sustainable use	Wetlands International et al.	E
Assessment on peatlands, biodiversity and climate change	Wetlands	E

	International et al.; Ch. 9	
The Economics of Ecosystems and Biodiversity for Water and Wetlands	IEEP & Ramsar; Sec. 5.2	E (summary available in EFSRAC)
Guiding principles for delivering coastal wetland carbon projects	UNEP, CIFOR, et al.	E
Peatlands, climate change mitigation and biodiversity conservation	Norden	E
Peatlands and Climate Change in a Ramsar Context—a Nordic Baltic Perspective	Norden	E
Restoring the Great Lakes’ Coastal Future: Technical Guidance for the Design and Implementation of Climate-Smart Restoration Projects	NWF & NOAA	E