# 14th MEETING OF THE CMS SCIENTIFIC COUNCIL

Bonn, Germany, 14-17 March 2007

CMS/ScC14/Doc.20 Agenda item 3

# OPTIONS FOR A REVISION OF THE MODUS OPERANDI OF THE CMS SCIENTIFIC COUNCIL

# Introduction

- 1. The CMS Scientific Council has been keeping its working practices under review. At recent meetings in particular, discussion has mainly focused on ways to improve the effectiveness of the Council in advising, and responding to the requests of, the Conference of the Parties and the other bodies of the Convention on matters relating to the science and conservation of migratory species.
- 2. A significant step in this direction has been the development and adoption by the 13th Meeting of the Council (Nairobi, 16-18 November 2005) of the Strategy Implementation Plan (SIP) 2006-2011 for the Scientific Council. The SIP describes the contribution that the CMS Scientific Council intends to make to the implementation of the CMS Strategic Plan for 2006-2011, in the form of concrete activities designed to be measurable, with milestones for completion, so that progress can be assessed regularly. In this regard, it represents a major shift to a more strategic and outcome-focused way of working. Its 14<sup>th</sup> meeting represents the first opportunity offered to the Council to consider progress in the implementation of the plan and practical ways to deliver the expected outputs and results, including the need and availability of financial resources.
- 3. The 31<sup>st</sup> meeting of the CMS Standing Committee (Bonn, 28-29 September 2006) considered the issue of funding for meetings of the Scientific Council. Concern was expressed at the meeting on the possibility of identifying adequate financial resources to support the organization of the 14<sup>th</sup> and 15<sup>th</sup> meetings of the Council. Members were also anxious about finding the financial means necessary for the organization of Scientific Council meetings in the long term, in view of budgetary limitations and the increasing size of the Council as a consequence of the steadily growing membership of the Convention (which has now reached 102 Parties). In this regard, the chairman of the Standing Committee requested the Scientific Council and the Secretariat to look at ways to streamline the Council, notably by exploring options to reduce the size of future meetings. It was agreed that the matter would be discussed at the 14<sup>th</sup> meeting of the Council in March 2007, and the outcomes of the discussion brought back to the Standing Committee at its 32<sup>nd</sup> meeting in September 2007.

4. In the following sections of this paper the Secretariat has considered some possible options for (i) *adjusting the working practices of the Council*, notably as regards its intersessional activities, with a view to strengthening its ability to deliver the outputs and results expected under the SIP and relevant COP Resolutions and Recommendations, and (ii) reducing the costs of the organization of future meetings of the Scientific Council.

# **Options for inter-sessional work**

- 5. In parallel with the growth of the Convention, requests for services from the Scientific Council by the Conference of the Parties and other CMS bodies has grown significantly over the years. The Strategy Implementation Plan for 2006-2011 adopted by the 13th meeting also sets a number of ambitious targets.
- 6. In order to meet these requests and targets, and independently of any decision concerning the format of future meetings, a strengthening of the mechanisms underpinning inter-sessional work of the Council appear necessary.
- 7. A practice well established within the Scientific Council is the establishment of working groups entrusted with specific assignments. Working Groups have been established in recent years to consider issues related to taxonomic groups (Taxonomic Working Groups), to regions (Regional Working Groups), and cross-cutting issues (e.g. by-catch; migratory species as vectors of diseases). Several of these working groups reconvene regularly at meetings of the Council.
- 8. The creation of working groups has generally proved to be an effective mechanism for delivering on specific issues within the regular meetings of the Council. With a few noticeable exceptions, activity of working groups has however not continued significantly in the inter-sessional period. This contrasts with the practice in other bodies, including CMS Agreements such as EUROBATS, ASCOBANS and ACCOBAMS, where ongoing work between scientists is a strong feature of their programme. In order to facilitate and promote the activity of working groups inter-sessionally, a refinement and consolidation of the working practice of groups appear desirable.
- 9. The following elements are suggested for consideration in the *possible revised modus* operandi of working groups (WGs):
- WGs should be formally established as soon as possible at the beginning of each triennium, with a defined membership;
- At the moment of their establishment, or shortly after, WGs should define a work programme for the triennial period, including timelines for the delivery of expected outputs and possible financial needs to implement the programme;
- Each WG should select a chair, responsible with coordinating the work of the group and overseeing the implementation of the work programme;
- Although participation in WGs should be on a voluntary basis, members of the Council are in principle expected to participate in WGs relevant to their field of expertise;
- Participation of relevant observer organizations in WGs should be encouraged;
- WGs could also include resource persons/organizations not regularly involved in the work of the Council, when specific expertise not available within the members and

- observer organizations were considered necessary to be able to deliver foreseen outputs; and
- WGs would be expected to work largely electronically or through teleconferences. Convening of workshops could be considered where appropriate and resource-permitting.
- 10. In order to promote the early establishment of WGs in the triennial period and the delivery of their outputs in time to be considered by the COP, a *change in the schedule of the meetings of the Council* could be considered, which would provide for:
- (i) The convening of the first meeting of the Council at an early stage of the triennial period (e.g. within the first semester of the first year), during which the WGs and their respective work programme would be established; and
- (ii) The convening of the second meeting a couple of months in advance of the meeting of the COP, in order to allow the finalization of the outputs of the WGs and their transmission to the COP for consideration.
- 11. With a view *inter alia* to facilitating the identification of suitable members to participate in WGs, it is proposed to undertake a comprehensive survey of the expertise available within the Council, the results of which should be compiled and stored in a suitable database to facilitate retrieval. The survey would be conducted through a questionnaire. A draft questionnaire is attached for consideration by the meeting.

## Options for the reduction of the size of the meetings of the Scientific Council

- 12. Financial support to cover the travel and subsistence costs of eligible members has accounted for the largest part of the total costs of recent meetings, and appears to be the main, if not the only item in a meeting budget on which significant economies could theoretically be possible.
- 13. Assuming that the target would in this case be a structural reduction of the needs in terms of travel costs for delegates, the main options appear to be:
  - (i) a reduction of the number and/or length of meetings; and
  - (ii) a reduction in the number of sponsored members attending individual meetings.

# Reduction of the number and/or length of meetings

- 14. Current practice, confirmed by the 8th meeting of the Conference of the Parties (COP8), provides for the convening of two meetings of the Council in the three years period between two successive meetings of the COP, with one meeting taking place inter-sessionally and the other immediately in advance or close to the COP meeting. Meetings typically have a duration of three days.
- 15. While the reduction of meetings in the triennium from two to one is theoretically possible, it is considered that such an option would very significantly affect the ability of the Council to deliver on the assignments received from the COP and its own SIP. Such a drastic option is therefore not recommended. Options for reducing the length of meetings could on the other hand be explored, in conjunction with options to reduce the size of meetings.

# Reduction in the number of sponsored members attending individual meetings

- 16. Article VIII paragraph 2 of the Convention stipulates that any Party is entitled to appoint a qualified expert as a member of the Council. In addition, the Council shall include as members qualified experts selected and appointed by the Conference of the Parties. Pursuant to Res. 1.4 the number of councillors appointed by the COP should not exceed eight.
- 17. The Council includes at the moment 74 Party-appointed members<sup>1</sup>) and 8 Conference-appointed members. The appointment of the latter is reviewed at each meeting of the COP, therefore COP9 could theoretically decide to reduce their number. This would however produce modest savings, while potentially reducing quite significantly the expertise available within the Council. On the other hand, any imposed reduction in the number of Party-appointed members is likely to infringe on the prerogative of individual Parties to appoint a member of the Council, as established by the Convention.
- 18. Considering options that would affect the membership of the Council as inconvenient and/or hardly practicable, a possibility to reduce the costs of meetings would be to restrict participation to a subset of the members. In order to maintain to cohesion of the Council as a body, and be able to take full advantage of the expertise it incorporates, it is considered that at least one full meeting in the triennium would be desirable. In the following table a model is suggested, that tries to combine this exigency of cohesion with an attempt to limit costs over the triennium and improve productivity notably of inter-sessional activities.

Time frame	Meetings/Activity
COP + 6 m	Full meeting of the Council
	This meeting would have as its main goal to determine the work programme and targets of the activity of the Council for the triennium, on the basis of the assignments received from the COP and its own planning tools.
	Thematic working groups (WGs) will be established, in charge of developing specific components of the work programme (as outlined in paras. 8-9 above).
	The meeting will elect at the outset the chair and vice-chair(s) for the triennium.
	This meeting would also select within its membership the members of the
	'Scientific Council Committee' (see below).
	If carefully planned, this meeting could have a duration of two days.
Inter-sessionally	WGs' activities WGs are expected to work mainly electronically or through teleconferences.
	Convening of a limited number of workshops could be considered where appropriate and resource-permitting. Workshops could be held in Bonn, host countries or in the margins of relevant meetings convened by other IGOs and NGOs.
COP – 2 m	Meeting of the Scientific Council Committee
CO1 - 2 III	The Committee will be composed of a subset of members of the Council. Its composition will be determined by the first meeting of the Council (COP + 0.5). It should normally include the Chair, the Vice-Chair(s), the

<sup>&</sup>lt;sup>1</sup> Not all Parties have so far availed themselves of their prerogative to appoint a member of the Council.

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Conference-appointed Councillors and the chairs/coordinators of the WGs
established in the triennium, plus possible additional members. A
maximum number of 20 is suggested.
This meeting would have the same functions of the meetings of the
Council that have so far been organized back-to back to the COP, and
would finalize and transmit to the COP the outputs of the WGs.
This meeting could have a duration of three days.

# Other options to streamline and reduce costs of Scientific Council operations

- 19. The Scientific Council has been operating so far in the three working languages of the Convention, namely English, French and Spanish. Financial implications of this practice are related to the provision of simultaneous interpretation in the three languages during meetings and the translation of working documents and the report of the meeting.
- 20. A limitation of the working languages to English, as it is the case for a few advisory bodies established under other MEAs, or to English and French, currently the two official languages of the United Nations, would theoretically be possible, and could be decided by the Council itself according to current Rules (Rule 22 of the Rules of Procedure of the CMS Scientific Council, CMS/ScC14/Inf.3). Economies permitted by this change of practice can be estimated in the order of € 20-30,000 per meeting.

#### **Conclusions**

Scientific Council members are invited to give their views, which will be synthesised and reported to the next meeting of the Standing Committee in September 2007.

# ANNEX Survey of Scientific Council expertise Questionnaire (DRAFT)

# 1 Personal Information

Maria	Timet as were a	Ti41.
Name Position	First name	Title
Organization		
Address		
ZIP Code & City	Country	
Telephone	Fax	
E-Mail		
1.1 Please assess your know	owledge of languages from 1 (Fluen	nt) to 3 (Working knowledge)
Arabic	Chines	e
English	French	ı
Russian	Spanis.	h
Other:	Other:	
2 Profession / Instit	ution	
2.1 Please attach your cur	rriculum vitae at the end of the ques	stionnaire or in the returning e- mail.
2.2 Please mark the type of	of institution you are working for.	
Academic / Research	Non Go	overnmental Organization
Governmental	Private	Company
Independent	Other:	
3 Specialization		
In this section please fields.	define your expertise in the CM	S relevant geographic and taxonomic
		e) your expertise in not more than 5 of the of the countries within the regions can be
Antarctic	Caribbean Islands	South & Southeast Asia
Europe	North America	West & Central Asia
North Africa	Mesoamerica	East Asia
Sub-Saharan Africa	South America	North Asia
(According to IUCN Definition <sup>1</sup>	')	Oceania

<sup>&</sup>lt;sup>1</sup> IUCN Red List of Threatened Species: Countries by Regions available from: <a href="http://www.iucnredlist.org/info/regions">http://www.iucnredlist.org/info/regions</a> [Accessed Sep 15 2006]

3.2				ur expertise in not more than 5 of Fishery Areas <sup>2</sup> can be seen in Annex
	18. Arctic Sea	47. Southe	east Atlantic	61. Northwest Pacific
	21. Northwest Atlantic	48. Atlanta	ic (Antarctic)	67. Northeast Pacific
	27. Northeast Atlantic	51. Wester	rn Indian Ocean	71. Western Central Pacific
	31. Western Central Atlantic	57. Easter	n Indian Ocean	77. Eastern Central Pacific
	34. Eastern Central Atlantic	58. Indian	Ocean (Antarctic)	81. Southwest Pacific
	37. Mediterranean and Black Sea			87. Southeast Pacific
	41. Southwest Atlantic			88. Pacific (Antarctic)
3.3	In which of the following to most experienced?	axonomic group	/s covered by Appe	ndix I / II of the Convention, are you
	Bats		Terrestrial M	lammals
	Birds		Fishes	
	Marin Mammals		Reptiles	
3.4	Please specify some of the sgroup/s marked in 3.3 above	-	cies in Appendix I	II of the Convention, within the
3.5	Please indicate 5 particular (Listed in Annex III)	Habitat Types <sup>3</sup>	(according to the I	UCN definition) you are skilled in.

Food and Agriculture Organization of the United Nations (FAO-UN). c1990- .: CWP Handbook of Fishery Statistical Standards - Section H: FISHING AREAS FOR STATISTICAL PURPOSES. FIGIS Ontology Sheets. FAO - Rome. Updated Wed Jun 28 16:26:06 CEST 2006. Available via FIGIS from: <a href="http://www.fao.org/figis/servlet/static?dom=ontology&xml=sectionH.xml">http://www.fao.org/figis/servlet/static?dom=ontology&xml=sectionH.xml</a> [Accessed Sep 15 2006].

IUCN Red List of Threatened Species: Habitats Authority File (Version 2.1). Available from: <a href="http://www.iucnredlist.org/info/major\_habitats">http://www.iucnredlist.org/info/major\_habitats</a> [Accessed Sep 15 2006].

3.6 In this section please define your areas of expertise in recent science, conservation and specific cross cutting issues that are relevant to the CMS (Please select maximum of five issues you are most experienced in).			
Research / Science	Human introduced impacts		
Taxonomy	Unsustainable fishery / Over-Fishing		
Animal migration	Ship collisions		
Monitoring of migratory species	Oil pollution		
Ecology and population dynamics of migratory	By-catch (Res. 6.2)		
Protected areas	Electrocution		
Conservation biology	Wind turbines		
Wildlife trade	Invasive alien species		
Wildlife watching	Acoustic pollution		
Wildlife management	Light pollution		
Environmental Impact Assessment (EIA) /	Land degradation		
Strategic Environmental Assessment (SEA)	Habitat destruction (human induced)		
Sustainable use	Land-Use and Land-Cover Change		
Isotopes	Climatic Change		
Satellite tracking	Other (please explain)		
Other (please explain)			
4 Publications Please list here some of your publications relevant issues that are useful to CMS.	t to migration, species migrating, or cross cutting		

#### Annex I

# Countries and territories by Regions and sub-regions

# Africa (Norh; East; West; Central and South)

#### **North Africa**

Algeria Egypt

Libyan Arab Jamahiriya

Morocco Tunisia

[Western Sahara]

#### Sub-Saharan Africa

Angola Benin Botswana Burkina Faso Burundi Cameroon Cape Verde

Central African Republic

Chad Comoros Congo

Congo, The Democratic Republic

of the Côte d'Ivoire Djibouti

Equatorial Guinea

Eritrea Ethiopia Gabon Gambia Ghana Guinea Guinea-Bissau

Kenya Lesotho

Liberia Madagascar Malawi

Mali Mauritania Mauritius Mayotte Mozambique Namibia Niger

Nigeria Réunion Rwanda Saint Helena

Sao Tome and Principe

Senegal Seychelles Sierra Leone Somalia

South Africa

Sudan

Swaziland

Tanzania, United Republic of

Togo Uganda Zambia Zimbabwe

#### Antarctic

Antarctica

**Bouvet Island** 

French Southern Territories Heard Island and McDonald Is-

lands

South Georgia and the South

Sandwich Islands

#### Asia

East Asia

China

Hong Kong (China)

Japan

Korea, Democratic People's Re-

public of

Korea, Republic of

Macao Mongolia

Taiwan, Province of China

#### North Asia

Belarus

Moldova, Republic of Russian Federation

Ukraine USSR, former

#### West & Central Asia

Afghanistan Armenia Azerbaijan Bahrain Cyprus Georgia

Iran (Islamic Republic of)

Iraq Israel Jordan Kazakhstan Kuwait Kyrgyzstan Lebanon Oman Pakistan Palestinian Territory, Occupied

Qatar

Saudi Arabia

Syrian Arab Republic

Tajikistan Turkey

Turkmenistan

United Arab Emirates

Uzbekistan Yemen

#### South & Southeast Asia

Bangladesh

Bhutan

British Indian Ocean Territory

Brunei Darussalam

Cambodia

Disputed Territory

India Indonesia

Lao People's Democratic Republic

Lao People Malaysia Maldives Myanmar Nepal Philippines Singapore Sri Lanka

Thailand Timor Leste Viet Nam

#### **Europe:**

Albania Andorra Austria

Belgium

Bosnia and Herzegovina

Bulgaria Croatia

Czech Republic

Czechoslovakia, former

Denmark Estonia Faroe Islands Finland France Germany Gibraltar Greece

Holy See (Vatican City State)

Hungary Iceland

Greenland

Ireland Italy Latvia Liechtenstein

Liechtenstein Lithuania Luxembourg

Macedonia, the former Yugoslav

Republic of Malta Monaco Netherlands Norway Poland Portugal Romania

Serbia and Montenegro

Slovakia Slovenia Spain

San Marino

Svalbard and Jan Mayen

Sweden Switzerland United Kingdom

# North and Central America:

#### **Caribbean Islands**

Anguilla

Antigua and Barbuda

Aruba
Bahamas
Barbados
Bermuda
Cayman Islands

Cuba Dominica

Dominican Republic

Grenada

Guadeloupe Haiti

Jamaica Martinique

Montserrat

Netherlands Antilles

Puerto Rico

Saint Kitts and Nevis

Saint Lucia

Saint Vincent and the Grenadines

Trinidad and Tobago
Turks and Caicos Islands
Virgin Islands, British
Virgin Islands, U.S.

#### Mesoamerica

Belize Costa Rica El Salvador Guatemala Honduras Mexico Nicaragua Panama

#### **North America:**

Canada

Saint Pierre and Miquelon

**United States** 

#### Oceania:

American Samoa

Australia

Christmas Island

Cocos (Keeling) Islands

Cook Islands

Fiji

French Polynesia

Guam

Kiribati

Marshall Islands

Micronesia, Federated States of

Nauru

New Caledonia

New Zealand

Niue

Norfolk Island

Northern Mariana Islands

Palau

Papua New Guinea

Pitcairn Samoa

Solomon Islands

Tokelau Tonga

Tuvalu United States Minor Outlying Is-

lands Vanuatu

Wallis and Futuna Islands

#### **South America:**

Argentina

Bolivia

Brazil

Chile

Colombia

Ecuador

Falkland Islands (Malvinas)

French Guiana

Guyana

Paraguay

Peru

Suriname

Uruguay

Venezuela

#### Annex II

# FAO Major Fishing Areas

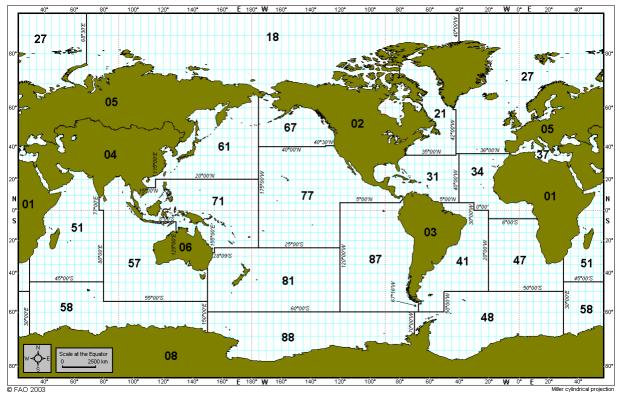


Figure 1: FAO Major Fishing Areas for statistical purpose (Available via from FAO via: <a href="mailto:ftp://ftp.fao.org/fi/maps/world\_2003.gif">ftp://ftp.fao.org/fi/maps/world\_2003.gif</a> [Accessed Sep 18 2006])

- 18. Arctic Sea
- 21. Northwest Atlantic
- 27. Northeast Atlantic
- 31. Western Central Atlantic
- 34. Eastern Central Atlantic
- 37. Mediterranean and Black Sea
- 41. Southwest Atlantic
- 47. Southeast Atlantic
- 48. Atlantic (Antarctic)
- 51. Western Indian Ocean
- 57. Eastern Indian Ocean
- 58. Indian Ocean (Antarctic)
- 61. Northwest Pacific

- 67. Northeast Pacific
- 71. Western Central Pacific
- 77. Eastern Central Pacific
- 81. Southwest Pacific
- 87. Southeast Pacific
- 88. Pacific (Antarctic)

#### Annex III

#### Habitats Authority

# http://www.iucnredlist.org/info/major\_habitats

7	T .
	r orest

- 1.1. Boreal
- 1.2. Subarctic
- 1.3. Subantarctic
- 1.4. Temperate
- 1.5. Subtropical/Tropical Dry
- 1.6. Subtropical/Tropical Moist Lowland
- 1.7. Subtropical/Tropical Mangrove
- 1.8. Subtropical/Tropical Swamp
- 1.9. Subtropical/Tropical Moist Montane

#### 2. Savanna

- 2.1. Dry Savanna
- 2.2. Moist Savana

#### 3. Shrubland

- 3.1. Subarctic
- 3.2. Subantarctic
- 3.3. Boreal
- 3.4. Temperate
- 3.5. Subtropical/Tropical Dry
- 3.6. Subtropical/Tropical Moist
- 3.7. Subtropical/Tropical High Altitude
- 3.8. Mediterranean-type Shrubby Vegetation

## 4. Grassland

- 4.1. Tundra
- 4.2. Subarctic
- 4.3. Subantarctic
- 4.4. Temperate
- 4.5. Subtropical/Tropical Dry Lowland
- 4.6. Subtropical/Tropical Seasonally Wet/Flooded Lowland
- 4.7. Subtropical/Tropical High Altitude

#### 5. Wetlands (inland)

- 5.1. Permanent Rivers/Streams/Creeks [includes waterfalls]
- 5.2. Seasonal/Intermittent/Irregular Riv Ers/ Streams / Creeks
- 5.3. Shrub Dominated Wetlands
- 5.4. Bogs, Marshes, Swamps, Fens, Peat lands
- 5.5. Permanent Freshwater Lakes [over 8 ha]
- 5.6. Seasonal/Intermittent Freshwater Lakes [over 8 ha]
- 5.7. Permanent Freshwater Marshes/Pools [under 8 ha]

- 5.8. Seasonal/Intermittent Freshwater Marshes/Pools [under 8 ha]
- 5.9. Freshwater Springs and Oases
- 5.10. Tundra Wetlands [includes pools and temporary waters from snowmelt]
- 5.11. Alpine Wetlands [includes temporary waters from snowmelt]
- 5.12. Geothermal Wetlands
- 5.13. Permanent Inland Deltas
- 5.14. Permanent Saline, Brackish or Alkaline Lakes
- 5.15. Seasonal/Intermittent Saline, Brackish or Alka line Lakes and Flats
- 5.16. Permanent Saline, Brackish or AlkalineMarshes/ Pools
- 5.17. Seasonal/Intermittent Saline, Brackish or Alka line Marshes/ Pools
- 5.18. Karst and Other Subterranean Hydrological Sys tems [inland]

# 6. Rocky Areas [e.g. inland cliffs, mountain peaks]

# 7. Caves and Subterranean Habitats (non-aquatic)

- 7.1. *Caves*
- 7.2. Other Subterranean Habitats

# 8. Desert

- 8.1. Hot
- 8.2. Temperate
- 8.3. *Cold*

#### 9. Sea

- 9.1. *Open*
- 9.2. Shallow [usually less than 6 m deep at low tide; Includes sea bays and straits]
- 9.3. Subtidal Aquatic Beds [kelp beds, sea- grass beds and tropical marine meadows]
- 9.4. Coral Reefs

#### 10. Coastline

- 10.1. Rocky Shores [includes rocky offshore islands and sea cliffs]
- 10.2. Sand, Shingle or Pebble Shores [includes sand bars, spits, sandy islets, dune systems]
- 10.3. Estuarine Waters
- 10.4. Intertidal Mud, Sand or Salt Flats
- 10.5. Intertidal Marshes [includes salt marshes]
- 10.6. Coastal Brackish/Saline Lagoons
- 10.7. Coastal Freshwater Lagoons

10.8. Karst and Other Subterranean Hy drological Systems [marine/coastal]

# 11. Artificial - Terrestrial

- 11.1. Arable Land
- 11.2. Pastureland
- 11.3. Plantations
- 11.4. Rural Gardens
- 11.5. Urban Areas
- 11.6. Subtropical/Tropical Heavily De graded Former Forest

## 12. Artificial - Aquatic

- 12.1. Water Storage Areas (over 8 ha)
- 12.2. *Ponds (below 8 ha)*
- 12.3. Aquaculture Ponds
- 12.4 Salt Exploitation Sites
- 12.5 Excavations (open)
- 12.6 Wastewater Treatment Areas
- 12.7 Irrigated Land [includes irrigation channels]
- 12.8 Seasonally Flooded Agricultural Land
- 12.9. Canals and Drainage Channels, Ditches
- 12.10. Karst and Other Subterranean Hydrological Systems [human-made]

# 13. Introduced Vegetation

- 14. Other
- 15. Unknown