



**Convention on
Biological Diversity**

Distr.
GENERAL

UNEP/CBD/SBSTTA/20/INF/45
4 April 2016

ENGLISH ONLY

SUBSIDIARY BODY ON SCIENTIFIC,
TECHNICAL AND TECHNOLOGICAL ADVICE
Twentieth meeting
Montreal, Canada, 25-30 April 2016
Item 8 of the provisional agenda*

PROTECTED AREA MANAGEMENT EFFECTIVENESS (PAME)

Note by the Executive Secretary

INTRODUCTION

1. The Executive Secretary is circulating herewith, for the information of participants in the twentieth meeting of the Subsidiary, Body on Scientific, Technical and Technological Advice (SBSTTA), a report prepared by the United Nations Environment Programme, World Conservation Monitoring Centre (UNEP-WCMC).
2. The report is present in the form and language in which it was received by the Secretariat.

* UNEP/CBD/SBSTTA/20/1/Rev.1.

Protected Area Management Effectiveness (PAME)

Information document for 20th meeting of the Subsidiary Body on
Scientific, Technical and Technological Advice (SBSTTA)



Contents

| | | |
|-------|--|----|
| 1 | Introduction | 3 |
| 2 | Current Status | 5 |
| 3 | The GD-PAME | 7 |
| 3.1 | Basic Information | 7 |
| 3.2 | Advanced Information | 8 |
| 3.3 | Source Information | 8 |
| 4 | Reporting Requirements | 10 |
| 4.1 | Why report on PAME? | 10 |
| 4.2 | Reporting Requirements | 10 |
| 4.2.1 | Compatible PAME assessment methodologies | 11 |
| 4.2.2 | Incompatible PAME assessment methodologies | 11 |
| | Appendix 1 | 12 |
| | Appendix 2 | 14 |
| | Appendix 3 | 22 |
| | Appendix 4 | 23 |

1 Introduction

Protected Area Management Effectiveness (PAME) evaluations, can be defined as: “*the assessment of how well protected areas are being managed – primarily the extent to which management is protecting values and achieving goals and objectives*”¹. Evaluation of management effectiveness is recognised as a vital component of responsive, pro-active protected area management. The need for national and regional datasets on protected area management effectiveness is reflected in conservation policy. For example, the Convention on Biological Diversity (CBD) Conference of the Parties (COP) 10 Decision X/31 calls for “*...Parties to...expand and institutionalize management effectiveness assessments to work towards assessing 60 per cent of the total area of protected areas by 2015 using various national and regional tools, and report the results into the global database on management effectiveness*”.

Through the identification of strengths and weaknesses in protected area management, PAME evaluations can be used to: i) inform adaptive management practises; ii) prioritise resource allocation; iii) build community awareness and support; iv) measure investment impacts; v) promote accountability and transparency; and vi) report against conservation targets. The process of conducting an assessment often has great benefits in itself, through building cooperative teams of people and encouraging the sharing of knowledge and reflection. In addition, by delivering a focussed management response to identified needs, PAME information can ultimately lead to an improvement in protected area management quality and as a consequence facilitate the delivery of agreed biodiversity objectives.

Since the 1990s, a range of methods have been developed and applied to assess Protected Area Management Effectiveness (PAME) at both site and system levels. Most PAME methodologies are built up around the IUCN World Commission on Protected Areas (WCPA) framework for protected area management (Figure 1). Evaluations that assesses each of the elements highlighted in Figure 1 (and the links between them) should provide a relatively comprehensive picture of management effectiveness.

The substantial body of assessment results from these ongoing efforts have been consolidated into the Global Database on Protected Area Management Effectiveness (GD-PAME). The GD-PAME was started as a research database at the University of Queensland in 2006 under a programme jointly funded by WWF and The Nature Conservancy (TNC) and is now a joint project between the United Nations Environment Programme (UNEP) and the International Union for Conservation of Nature (IUCN). It is managed and maintained by the UNEP World Conservation Monitoring Centre (UNEP-WCMC), in collaboration with governments, non-governmental organisations, academia and industry. The GD-PAME is a global database, comprising many thousands of assessments of protected area management effectiveness (PAME) collated from around the world, which provides a ‘common reporting format’ allowing the cross analysis of PAME information from a range of different assessment methodologies.

¹ Hockings, M., Stolton, S., Leverington, F., Dudley, N. & Courrau, J. (2006). Evaluating Effectiveness: A framework for assessing management effectiveness of protected areas, 2nd Edition. Series Editor Peter Valentine, IUCN.

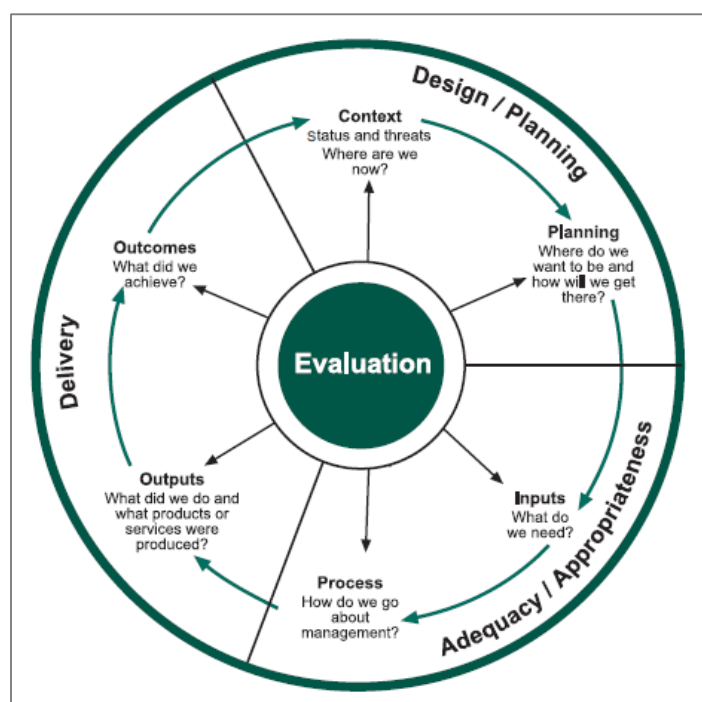


Figure 1 – The IUCN WCPA framework for assessing management effectiveness of protected areas¹

¹ Hockings, M., Stolton, S., Leverington, F., Dudley, N. & Courrau, J. (2006). Evaluating Effectiveness: A framework for assessing management effectiveness of protected areas, 2nd Edition. Series Editor Peter Valentine, IUCN.

2 Current Status

Within the GD-PAME there are assessments recorded from 57 different methodologies (see Appendix 1), of which the Management Effectiveness Tracking Tool (METT) is the most commonly applied tool internationally (Figure 2). In addition to the key international methodologies, the GD-PAME also contains assessment results from a number of regional and national specific assessment methods (see Appendix 1).

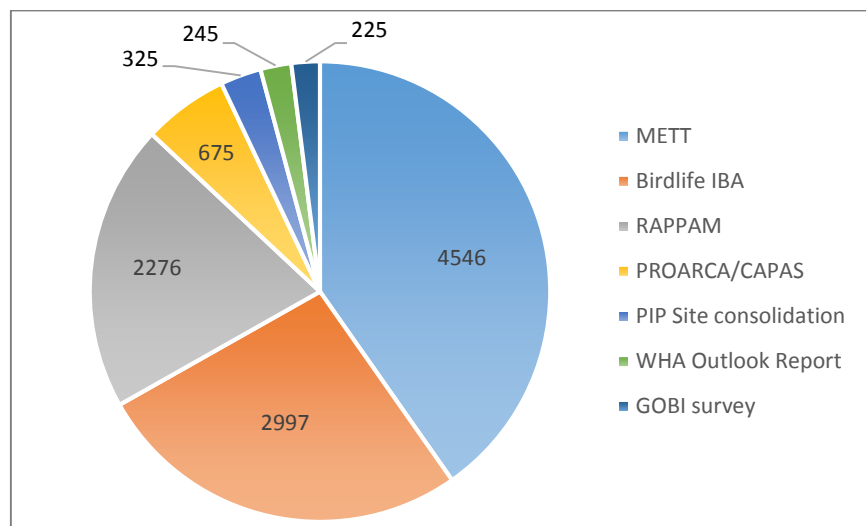


Figure 2 – The number of assessments recorded within the GD-PAME from the most frequently applied international PAME methods

As of January 2015, the GD-PAME contained the results of 17,739 PAME assessments, representing 9,037 protected areas from around the world (Coad et al., 2015). As there are 217,955 protected areas globally², this indicates that only 17.5% of countries had met the 60% PAME assessment target of the CBD Programme of Work on Protected Areas³ (see Figure 3). More detailed country level statistics on the assessments recorded within the GD-PAME are provided in Appendix 2. Among major biomes and ecoregions, the frequency of PAME assessments was found to be highest in tropical forests, where 45% of protected areas have been assessed (Coad et al., 2015) (Figure 3).

A global study of PAME evaluations undertaken by Leverington et al. (2010) found most protected area management to be barely reaching a basic standard. The average PAME score from over 4000 assessments was 0.53 on a scale of 0 (extremely poor management) to 1 (extremely good management). Only 24% were assessed to be in the ‘sound management’ range with reported scores greater than 0.67. The average score in any country varied significantly according to the Human Development Index (HDI), with protected areas from the low-HDI countries scoring on average one-third lower than those from high HDI countries (Leverington et al., 2010).

² IUCN and UNEP-WCMC (2016). The World Database on Protected Areas (WDPA) [On-line], [Jan 2016], Cambridge, UK: UNEP-WCMC. Available at: www.protectedplanet.net

³ “Continue to expand and institutionalize management effectiveness assessments to work towards assessing 60 per cent of the total area of protected areas by 2015” Convention on Biological Diversity (CBD) Conference of the Parties (COP) 10 Decision X/31

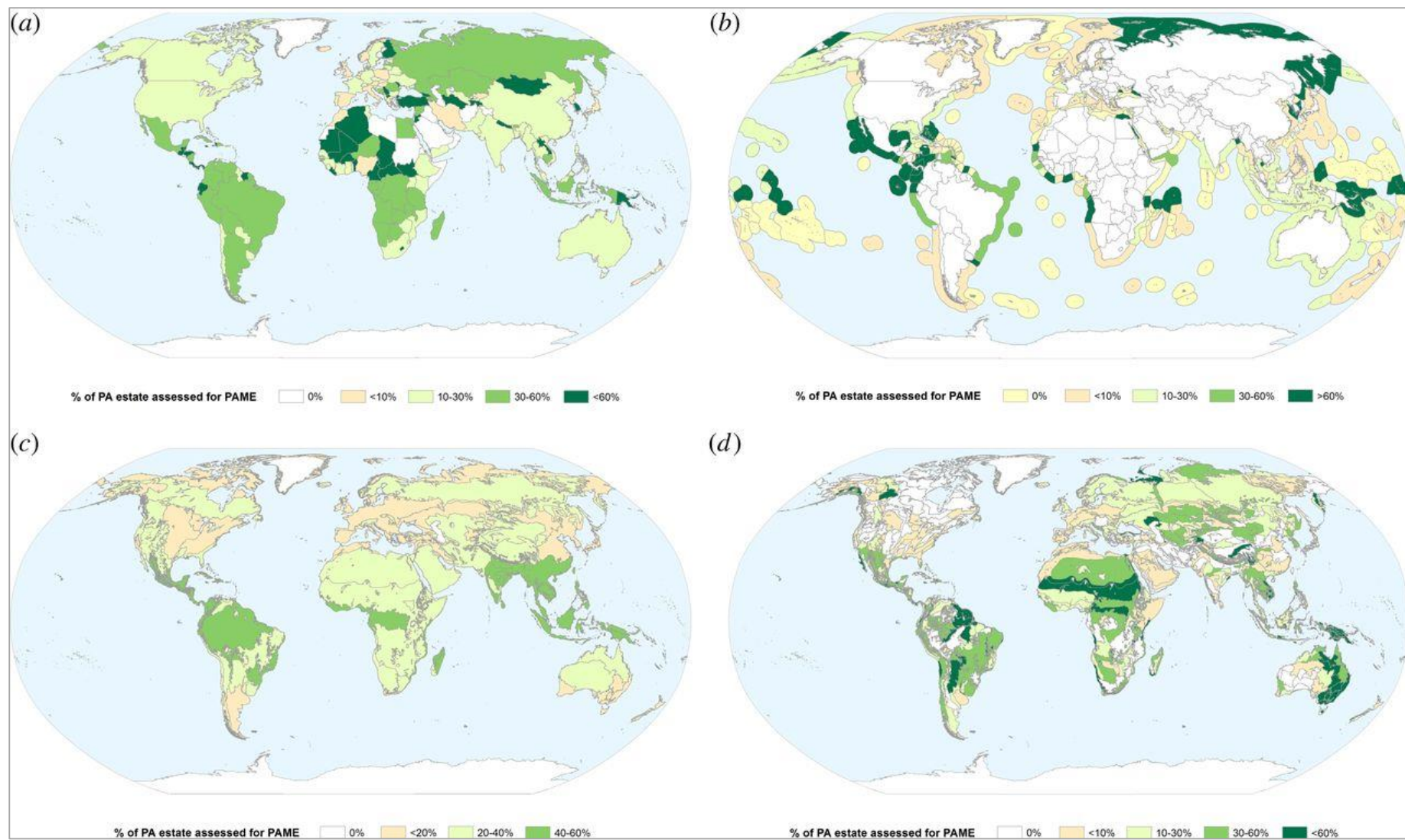


Figure 3 - Progress towards the 60% PAME assessment target of the CBD Programme of Work on Protected Areas, by (a) terrestrial territory of countries, (b) marine territory of countries, (c) WWF biomes and (d) WWF terrestrial ecoregions (sourced from Coad et al. 2015).

3 The GD-PAME

PAME evaluations are recorded in the Global Database on Protected Area Management Effectiveness (GD-PAME) at a site level. The GD-PAME stores a number of descriptors, referred to as data attributes that describe each assessment record in the GD-PAME. The attributes within the GD-PAME can be separated into basic attributes (assessment type), advanced attributes (assessment results) and source information (see Figure 4).

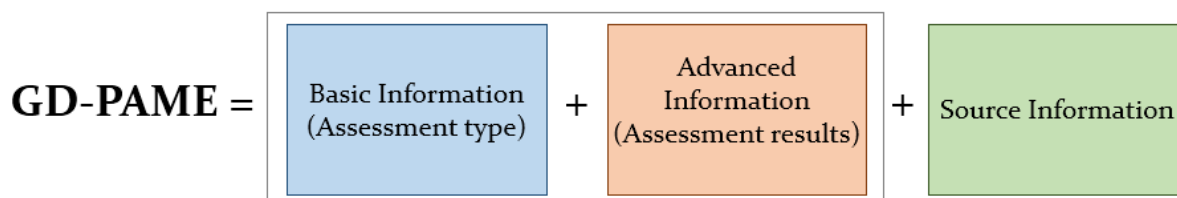


Figure 4 – Structure of the Global Database on Protected Area Management Effectiveness (GD-PAME)

3.1 Basic Information

The basic attributes within the GD-PAME record principle information on the assessments undertaken and the methodologies used. A basic attribute represents information that is mandatory. A data submission will only be accepted if all of the basic attributes are provided. The basic GD-PAME attributes are summarised in Table 1.

The World Database on Protected Areas (WDPA) unique identifying code is essential for linking the GD-PAME to the WDPA and thereby exploring spatial trends in PAME information. The WDPA, is the most comprehensive global database of marine and terrestrial protected areas, comprising both spatial data (i.e. boundaries and points) with associated attribute data (i.e. tabular information). The WDPA uses unique identification numbers to accurately track protected areas within the database over time. It is mandatory therefore that a WDPA ID is provided with all data submissions. If the WDPA ID is not known please contact protectedareas@unep-wcmc.org.

Table 1 – A description of the basic GD-PAME attributes

| Field Name | Provided by | Description |
|---------------|---------------|--|
| Assessment ID | UNEP-WCMC | A unique ID assigned to all assessment records with the GD-PAME |
| WDPAID | Data Provider | A unique ID assigned by UNEP-WCMC to protected areas within the World Database on Protected Areas (WDPA) |
| PA_NAME | Data Provider | The name of the protected area provided in Latin characters (including accents) as provided by the data provider. |
| PA_DESIG | Data Provider | The type of protected area as legally/officially established or recognized translated into English. |
| ISO3 | Data Provider | The country, territory or other administrative unit of geographical interest that a protected area jurisdictionally resides within as given by its ISO 3166-1 alpha-3 code |
| METHOD | Data Provider | The methodology used to evaluate protected area management effectiveness (see section 3.1.2.2) |
| YEAR | Data Provider | The year in which the assessment was carried out |

3.2 Advanced Information

The evaluation of management effectiveness is generally achieved through the assessment of a series of criteria against agreed standards. Most methodologies are self-assessment surveys containing a number of questions against which progress towards specific management objectives is scored. The advanced attributes within the GD-PAME provide a common reporting format which allows the cross analysis of assessment results (i.e. scores) from a range of different PAME methodologies. For a complete list of the advanced attributes see Appendix 3.

PAME assessment results should be submitted to UNEP-WCMC in their original format. UNEP-WCMC then has the responsibility of translating these results into a common reporting format (CRF). The process through which this translation is undertaken is presented in Box 1.

3.3 Source Information

Recording accurate source information in the GD-PAME is important to ensure that ownership of the data is maintained and traceable. Source information includes details on the data provider and currency of the data at the time it was provided. A data submission will only be accepted if the source information is provided. A description of the required source information is provided in Table 2.

Table 2 – A description of the source attributes

| Field Name | Description |
|------------|--|
| DATA_TITLE | The title of the dataset being provided |
| RESP_PARTY | The organisation, consultancy, national government, private company or other entity that claims ownership/authorship of the data or that is providing the data on behalf of the ownership/authorship entity. |
| RESP_EMAIL | Contact e-mail address of the organisation listed as the responsible party which maintains the ownership/authorship of the data |
| LANGUAGE | Language(s) used within the dataset |
| YEAR | The reference date, as a four digit year, indicating the year when the dataset was submitted to the GD-PAME |
| ASSESS_NO | The number of assessments included within the provided dataset |

Box 1 - Steps for translating PAME assessment methodologies into the GD-PAME common reporting format (CRF).

Step 1: Allocating questions

UNEP-WCMC allocates questions from the original PAME assessment method submitted by the data provider to a relevant GD-PAME advanced attribute in the CRF. Figure 5 presents an example of how original questions from various PAME assessment methods were allocated to the GD-PAME advanced attribute 'Stakeholder Involvement'.

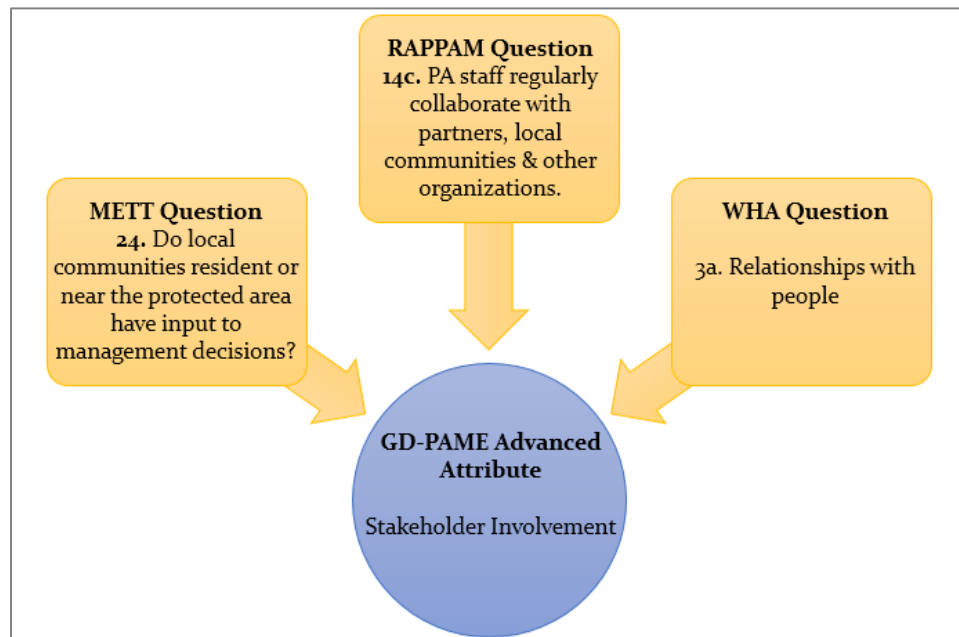


Figure 5 – Example questions from a range of different PAME assessment methods (METT, RAPPAM & WHA) that were allocated by UNEP-WCMC to the advanced attribute 'Stakeholder Involvement'.

Step 2: Translating Scores

The scores assigned to the original questions are then translated, based on predefined translation rules (see Table 3 for an example), to a standardised 0-1 scale before being entered into the GD-PAME against the allocated advanced attribute in the CRF.

Table 3 – Rules for translating original scores assigned to METT questions (reported on a 0-3 scale) to a standardised 0-1 scale for input into the GD-PAME. Following these rules, a METT question that is assigned a score of 2 will be translated to 0.67 for inclusion within the GD-PAME.

| Method | Scoring System | Poor Management → Good Management | | | |
|--------|----------------|--|------|------|---|
| | | 0 | 1 | 2 | 3 |
| METT | Original | 0 | 1 | 2 | 3 |
| | Translation | 0 | 0.33 | 0.67 | 1 |

4 Reporting Requirements

4.1 Why report on PAME?

In addition to meeting country obligations as defined by the CBD there are several accompanying benefits that can be gained from submitting data to the GD-PAME. Such benefits include:

- **Inventory of national data** – Through providing systematic information to the GD-PAME, countries are guaranteed to hold a minimum amount of information for all of their sites, in a standardized and usable way. Country level data will be accessible from a single source there by providing a clearer picture of the management effectiveness of a countries protected area estate as a whole.
- **Capacity building** – The GD-PAME allows the identification of management weaknesses. This information can be used to help countries prioritise resource allocation, adaptively manage sites and target capacity development.
- **Contribution to science** – The information within the GD-PAME can be used to help fill important knowledge gap such as the relationship between management effectiveness and biodiversity outcomes.

4.2 Reporting Requirements

A decision tree summarising the process for submitting PAME information to UNEP-WCMC is presented in Figure 6. This process is described in more detail below. Please contact the GD-PAME team at protectedareas@unep-wcmc.org for further information on data submission and/or to receive a data submission pack.

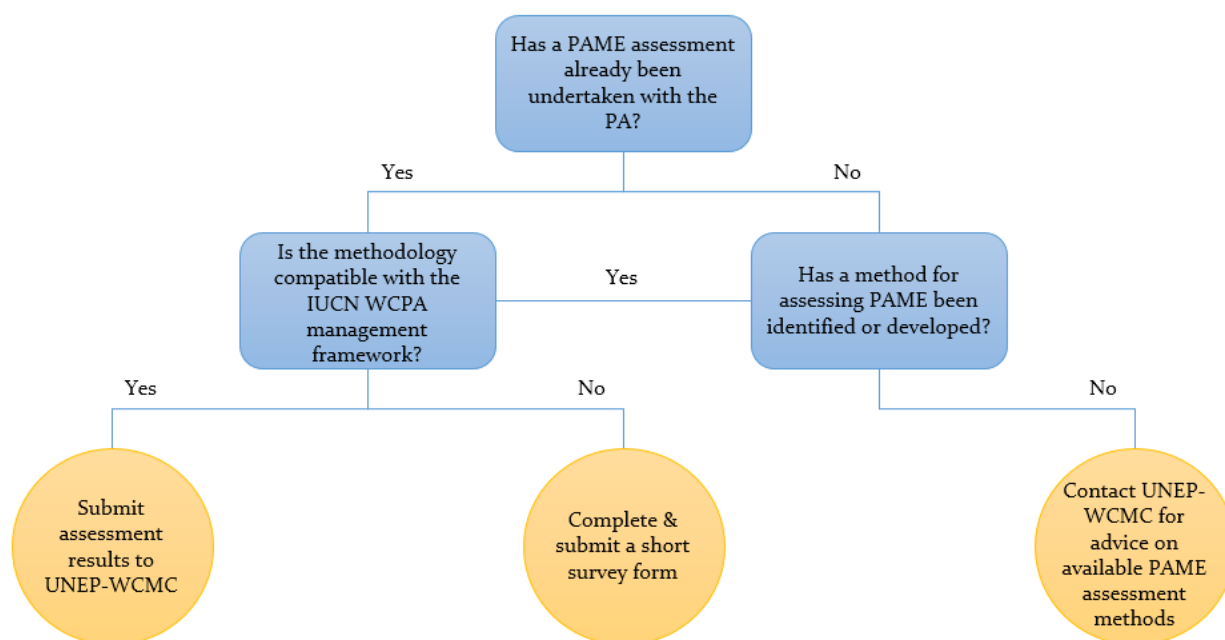


Figure 6 - A decision tree summarising the process for submitting PAME information to UNEP-WCMC.

4.2.1 Compatible PAME assessment methodologies

If a PAME assessment is undertaken following a methodology that is the same as or similar to those methods described in Appendix 1 which are built up around the IUCN WCPA management framework then the following should be sent to UNEP-WCMC (at protectedareas@unep-wcmc.org) for incorporation into the GD-PAME:

- A table with basic information (see Table 1) completed for each of the assessments submitted.
- The assessment results, in their original format, for translation by UNEP-WCMC into the CRF.
- A table with completed source information (see Table 2) on the data provider.
- A completed Data Contribution Agreement (DCA).

4.2.2 Incompatible PAME assessment methodologies

If an alternative system is in place for evaluating PAME which significantly differs from those methodologies described in Appendix 1 and is incompatible with the IUCN WCPA management framework, then, as a minimum, we would request that you complete a short PAME survey form (Appendix 3) which simply evaluates performance in relation to the six elements of the IUCN WCPA management framework. This form can also be provided in a spreadsheet format to facilitate reporting of multiple sites. In these cases therefore the following should be sent to UNEP-WCMC (at protectedareas@unep-wcmc.org) for incorporation into the GD-PAME:

- A completed PAME survey form for each site for which the methodology has been applied (see Appendix 3).
- A table with completed source information (see Table 2) on the data provider.
- A completed Data Contribution Agreement (DCA).

Appendix 1 – PAME methods for which assessments are recorded within the GD-PAME, and for which assessments can be readily added to the GD-PAME by UNEP-WCMC

| Extent | Method ID | Method Short Name | Method Long Name | Study Location | No. of Assess. | No. of PAs Assessed |
|----------|-----------|--------------------------|---|---------------------------|----------------|---------------------|
| Global | 28 | METT | Management Effectiveness Tracking Tool | Global | 4546 | 1633 |
| | 6 | Birdlife IBA | Important Bird Area Monitoring | | 2997 | 1542 |
| | 43 | RAPPAM | Rapid Assessment and Prioritisation of Protected Area Management | | 2276 | 1532 |
| | 56 | WHA Outlook Report | World Heritage Outlook Assessments | | 245 | 228 |
| | 19 | GOBI survey | Governance of Biodiversity Research Project | | 225 | 205 |
| | 30 | MPA MEE | How is Your Marine Protected Area Doing? | | 28 | 21 |
| | 12 | Enhancing our Heritage | Enhancing our Heritage | | 27 | 17 |
| | 24 | Marine tracking tool | WWF-World Bank Marine Protected Area score card | | 8 | 8 |
| | 55 | Wetland tracking tool | Wetland tracking tool | | 8 | 7 |
| Regional | 41 | PROARCA/CAPAS | Proyecto Ambiental Regional de Centroamerica (PROARCA)/ Central America Protected Area System (CAPAS) | Central America | 675 | 196 |
| | 40 | PIP Site consolidation | Parks in Peril Site Consolidation Scorecard | Latin America & Caribbean | 325 | 51 |
| | 39 | Parks profiles | Parks profiles | Latin America | 93 | 89 |
| | 13 | European diploma | European diploma of Protected Areas | Europe | 73 | 60 |
| | 48 | Stockholm BR Survey | Stockholm Biosphere Reserve Survey | Europe | 52 | 51 |
| | 37 | PANPARKS | Protected Area Network (PAN) Parks Europe | Europe | 38 | 10 |
| | 3 | Asean MEE | Association of South East Asian Nations Management Effectiveness Evaluation | South East Asia | 17 | 17 |
| | 2 | Africa rainforest study | African Rainforest Study | Africa | 14 | 14 |
| | 54 | West Indian Ocean MPA | West Indian Ocean Marine Protected Area toolkit | Caribbean | 7 | 7 |
| | 57 | WWF/CATIE | WWF/CATIE Evaluation Methodology | Latin America | 3 | 3 |
| National | 31 | Netherlands quality test | Natuurmonumenten Quality Test, Netherlands | Netherlands | 314 | 33 |

| Extent | Method ID | Method Short Name | Method Long Name | Study Location | No. of Assess. | No. of PAs Assessed |
|--------|-----------|--------------------------------|---|------------------------------------|----------------|---------------------|
| | 1 | AEMAPPS | Análisis de Efectividad de Manejo de Areas Protegidas con Participación Social | Colombia | 135 | 53 |
| | 5 | Belize MEE | Belize Management Effectiveness Evaluation | Belize | 112 | 62 |
| | 52 | Venezuela Vision | Venezuela Vision | Venezuela (Bolivarian Republic of) | 105 | 51 |
| | 7 | Brazil 1999 | Protected Areas or Endangered Spaces? Brazil 1999 evaluation | Brazil | 86 | 86 |
| | 47 | SIMEC | Sistema de Información, Monitoreo y Evaluación para la Conservación | Mexico | 77 | 77 |
| | 18 | German Nature Parks | Nature Park Quality Campaign, Germany | Germany | 63 | 38 |
| | 23 | Korea SOP | Korea State of Parks Management Effectiveness Evaluation | Republic of Korea | 60 | 22 |
| | 50 | USA SOP | USA State of Parks | United States of America | 45 | 41 |
| | 27 | MEMS | Metodología de Evaluación de Efectividad de Manejo (MEMS) del SNAP de Bolivia | Bolivia (Plurinational State of) | 38 | 22 |
| | 51 | Valdiviana | Valdiviana Ecoregion Argentina | Argentina | 36 | 20 |
| | 26 | MEE Indian | Indian Management Effectiveness Evaluation | India | 30 | 27 |
| | 20 | India Tiger Reserve Assessment | India Tiger Reserve Assessment | India | 28 | 21 |
| | 22 | Korea METT | Korea survey on protected area management status | Republic of Korea | 27 | 16 |
| | 11 | Ecuador MEE | Indicadores para el Monitoreo y Evaluación del Manejo de las Áreas Naturales Protegidas del Ecuador | Ecuador | 24 | 24 |
| | 29 | METT-RAPPAM crossover | METT-RAPPAM crossover | Bahamas | 24 | 17 |
| | 38 | Parks Canada | Parks Canada | Canada | 18 | 18 |
| | 9 | Central African Republic | Status of protected areas of the Central African Republic | Central African Republic | 16 | 15 |
| | 45 | Schrader German BR | German Biosphere Reserves evaluation | Germany | 15 | 11 |
| | 10 | CI tracking tool | Conservation International Management Effectiveness Tracking Tool | Bolivia (Plurinational State of) | 7 | 7 |
| | 15 | French National Parks | Contrat d'Objectifs (French National Parks) | France | 7 | 7 |

| Extent | Method ID | Method Short Name | Method Long Name | Study Location | No. of Assess. | No. of PAs Assessed |
|--------------|-----------|----------------------------|---|----------------------------------|----------------|---------------------|
| National | 32 | NPAPA England | National Park Authority Performance Assessment (UK) | UK | 7 | 7 |
| | 35 | PA Consolidation index | Índice de Consolidación de Áreas Protegidas | Bolivia (Plurinational State of) | 7 | 7 |
| | 14 | European SCS | European Site Consolidation Scorecard | Austria | 3 | 3 |
| | 21 | Italy quality park project | Italy quality park project | Italy | 2 | 2 |
| | 25 | MARIPA-G | Monitoring and Assessment with Relevant Indicators of Protected Areas of the Guianas (MARIPA-G) | Guyana | 1 | 1 |
| Sub-national | 33 | NSW SOP | New South Wales (Australia) State of Parks | New South Wales, Australia | 3552 | 849 |
| | 53 | Victorian SOP | Victorian (Australia) State of Parks | Victoria, Australia | 754 | 318 |
| | 42 | Qld Rapid Assessment | Queensland Rapid Assessment | Queensland, Australia | 625 | 327 |
| | 8 | Catalonia MEE | Evaluation of the system of protected areas of Catalonia, Spain | Catalonia, Spain | 219 | 149 |
| | 44 | Scenery matrix | Scenery matrix | Brazil | 90 | 65 |
| | 46 | Scotland LNR | Evaluation of Local Nature Reserves in Scotland | Scotland, UK | 16 | 16 |
| | 34 | NTMEE | Parks and Wildlife Northern Territory Management Effectiveness, Australia | Northern Territory, Australia | 15 | 14 |
| | 36 | Padovan 2002 | Padovan 2002 | Brazil | 12 | 7 |
| | 49 | Tasmanian WHA | Tasmanian World Heritage Management Effectiveness Evaluation | Tasmania, Australia | 7 | 7 |
| | 4 | Asturias INDESPAR | El sistema de indicadores de desarrollo sostenible de los Parques Naturales de Asturias (INDES-PAR) | Spain | 3 | 1 |
| | 16 | Galápagos MEE | Manual para la evaluación de la Eficiencia de Manejo del Parque Nacional Galápagos | Galapagos, Ecuador | 1 | 1 |
| | 17 | GBRMPA outlook report | Great Barrier Reef (GBR) Outlook Report | GBR, Australia | 1 | 1 |

Appendix 2 – A summary of the information available in the GD-PAME for each country and territory.

| Country Name | ISO3 Code | No. of Assessments | No. of PAs Assessed ³ | Number of Methods Applied | Method ID (see Appendix 1) – Types of Methods Applied | Year of most recent assessment | Percentage of PA Network Assessed |
|----------------------------------|-----------|--------------------|----------------------------------|---------------------------|---|--------------------------------|-----------------------------------|
| Afghanistan | AFG | 2 | 2 | 1 | 6 | 2008 | 0 |
| Angola | AGO | 4 | 4 | 1 | 28 | 2012 | 37 |
| Albania | ALB | 23 | 2 | 3 | 6, 28, 43 | 2013 | 18 |
| Argentina | ARG | 104 | 54 | 6 | 6, 19, 28, 39, 51, 56 | 2014 | 32 |
| Armenia | ARM | 69 | 30 | 2 | 6, 28 | 2014 | 33 |
| Samoa (US) | ASM | 4 | 1 | 1 | 6 | 2012 | 0 |
| Australia | AUS | 5087 | 1574 | 9 | 6, 17, 19, 33, 34, 42, 49, 53, 56 | 2014 | 15 |
| Austria | AUT | 16 | 10 | 4 | 13, 14, 19, 48 | 2008 | 3 |
| Azerbaijan | AZE | 10 | 9 | 2 | 6, 28 | 2013 | 31 |
| Burundi | BDI | 41 | 6 | 3 | 6, 28, 43 | 2013 | 52 |
| Belgium | BEL | 1 | 1 | 1 | 13 | 1966 | 1 |
| Benin | BEN | 25 | 9 | 5 | 6, 12, 19, 28, 43 | 2011 | 81 |
| Burkina Faso | BFA | 44 | 18 | 4 | 6, 19, 28, 43 | 2011 | 76 |
| Bangladesh | BGD | 1 | 1 | 1 | 56 | 2014 | 22 |
| Bulgaria | BGR | 46 | 26 | 7 | 6, 19, 28, 37, 43, 48, 56 | 2014 | 11 |
| Bahrain | BHR | 2 | 1 | 1 | 6 | 2007 | 0 |
| Bahamas | BHS | 64 | 18 | 4 | 6, 28, 29, 43 | 2013 | 99 |
| Bosnia and Herzegovina | BIH | 12 | 3 | 2 | 6, 28 | 2013 | 54 |
| Belarus | BLR | 25 | 12 | 4 | 6, 13, 28, 56 | 2014 | 29 |
| Belize | BLZ | 187 | 66 | 5 | 5, 28, 30, 40, 56 | 2014 | 86 |
| Bolivia (Plurinational State of) | BOL | 122 | 27 | 10 | 6, 10, 19, 27, 28, 35, 39, 40, 43, 56 | 2014 | 56 |
| Brazil | BRA | 1065 | 493 | 9 | 6, 7, 28, 36, 39, 40, 43, 44, 56 | 2014 | 33 |
| Bhutan | BTN | 12 | 7 | 2 | 28, 43 | 2013 | 54 |
| Botswana | BWA | 25 | 7 | 3 | 6, 28, 56 | 2014 | 35 |
| Central African Republic | CAF | 33 | 20 | 7 | 2, 6, 9, 19, 28, 43, 56 | 2014 | 69 |

³ Important Bird and Biodiversity Areas (IBAs) are not necessarily protected areas. For the purpose of this analysis an IBA management effectiveness assessment was considered to be representative of a protected area if the percentage overlap of the intersect area with **both** the WDPA and IBA was >50%. Those IBA assessments that met this criteria we assigned the corresponding WDPA code.

| Country Name | ISO3 Code | No. of Assessments | No. of PAs Assessed ³ | Number of Methods Applied | Method ID (see Appendix 1) – Types of Methods Applied | Year of most recent assessment | Percentage of PA Network Assessed |
|----------------------------------|-----------|--------------------|----------------------------------|---------------------------|---|--------------------------------|-----------------------------------|
| Canada | CAN | 36 | 36 | 4 | 19, 30, 38, 56 | 2014 | 13 |
| Switzerland | CHE | 20 | 14 | 5 | 6, 13, 19, 48, 56 | 2014 | 22 |
| Chile | CHL | 135 | 65 | 3 | 19, 28, 43 | 2011 | 12 |
| China | CHN | 466 | 89 | 5 | 6, 19, 28, 43, 56 | 2014 | 28 |
| Côte d'Ivoire | CIV | 37 | 20 | 7 | 2, 6, 12, 19, 28, 43, 56 | 2014 | 25 |
| Cameroon | CMR | 101 | 32 | 6 | 2, 6, 19, 28, 43, 56 | 2014 | 79 |
| Democratic Republic of the Congo | COD | 65 | 26 | 5 | 2, 6, 28, 43, 56 | 2014 | 53 |
| Congo | COG | 25 | 14 | 6 | 2, 6, 19, 28, 43, 56 | 2014 | 31 |
| Cook Islands | COK | 4 | 1 | 1 | 6 | 2013 | 0 |
| Colombia | COL | 194 | 60 | 6 | 1, 6, 19, 28, 40, 56 | 2014 | 58 |
| Cape Verde | CPV | 19 | 4 | 1 | 28 | 2013 | 99 |
| Costa Rica | CRI | 212 | 65 | 6 | 19, 28, 40, 41, 56, 57 | 2014 | 79 |
| Cuba | CUB | 33 | 26 | 3 | 6, 28, 56 | 2014 | 48 |
| Cyprus | CYP | 21 | 26 | 1 | 6 | 2013 | 0 |
| Czech Republic | CZE | 224 | 55 | 6 | 6, 13, 19, 28, 43, 48 | 2013 | 20 |
| Germany | DEU | 109 | 66 | 7 | 6, 13, 18, 19, 45, 48, 56 | 2014 | 16 |
| Djibouti | DJI | 2 | 2 | 1 | 28 | 2009 | 1 |
| Dominica | DMA | 8 | 2 | 2 | 40, 56 | 2014 | 5 |
| Denmark | DNK | 341 | 164 | 2 | 6, 56 | 2014 | 17 |
| Dominican Republic | DOM | 95 | 30 | 4 | 6, 28, 40, 43 | 2013 | 58 |
| Algeria | DZA | 20 | 9 | 4 | 6, 19, 28, 56 | 2014 | 83 |
| Ecuador | ECU | 105 | 28 | 10 | 6, 11, 12, 16, 19, 28, 30, 40, 56, 57 | 2014 | 85 |
| Egypt | EGY | 41 | 30 | 5 | 6, 19, 28, 43, 56 | 2014 | 57 |
| Spain | ESP | 309 | 225 | 8 | 4, 6, 8, 13, 19, 48, 55, 56 | 2014 | 5 |
| Estonia | EST | 31 | 34 | 4 | 6, 13, 19, 28 | 2014 | 8 |
| Ethiopia | ETH | 29 | 18 | 3 | 6, 28, 56 | 2014 | 14 |
| Finland | FIN | 144 | 161 | 8 | 6, 13, 19, 28, 37, 43, 48, 56 | 2014 | 68 |
| Fiji | FJI | 9 | 3 | 2 | 6, 28 | 2012 | 2 |
| France | FRA | 28 | 23 | 6 | 6, 13, 15, 19, 48, 56 | 2014 | 10 |

| Country Name | ISO3 Code | No. of Assessments | No. of PAs Assessed ³ | Number of Methods Applied | Method ID (see Appendix 1) – Types of Methods Applied | Year of most recent assessment | Percentage of PA Network Assessed |
|--|-----------|--------------------|----------------------------------|---------------------------|---|--------------------------------|-----------------------------------|
| Micronesia (Federated States of) | FSM | 5 | 2 | 3 | 6, 19, 30 | 2007 | 0 |
| Gabon | GAB | 23 | 10 | 6 | 2, 6, 19, 28, 43, 56 | 2014 | 58 |
| United Kingdom of Great Britain and Northern Ireland | GBR | 310 | 373 | 9 | 6, 13, 19, 24, 30, 32, 46, 48, 56 | 2014 | 7 |
| Georgia | GEO | 63 | 32 | 3 | 28, 37, 43 | 2012 | 85 |
| Ghana | GHA | 24 | 13 | 4 | 2, 6, 28, 43 | 2010 | 15 |
| Guinea | GIN | 29 | 16 | 3 | 6, 28, 43 | 2010 | 23 |
| Gambia | GMB | 16 | 10 | 3 | 6, 28, 43 | 2011 | 100 |
| Guinea-Bissau | GNB | 42 | 10 | 4 | 6, 24, 28, 43 | 2010 | 37 |
| Equatorial Guinea | GNQ | 7 | 4 | 3 | 2, 28, 43 | 2010 | 58 |
| Greece | GRC | 20 | 14 | 7 | 6, 13, 19, 28, 43, 55, 56 | 2014 | 2 |
| Grenada | GRD | 14 | 8 | 1 | 43 | 2006 | 58 |
| Greenland | GRL | 1 | 1 | 1 | 6 | 2013 | 0 |
| Guatemala | GTM | 232 | 59 | 6 | 19, 28, 39, 40, 41, 56 | 2014 | 83 |
| French Guyana | GUF | 2 | 2 | 1 | 28 | 2005 | 45 |
| Guam (USA) | GUM | 4 | 1 | 2 | 6, 30 | 2014 | 0 |
| Guyana | GUY | 1 | 1 | 1 | 25 | 2005 | 20 |
| Honduras | HND | 80 | 27 | 6 | 12, 19, 28, 40, 41, 56 | 2014 | 66 |
| Croatia | HRV | 23 | 21 | 5 | 6, 19, 43, 55, 56 | 2014 | 18 |
| Haiti | HTI | 3 | 3 | 1 | 28 | 2009 | 94 |
| Hungary | HUN | 15 | 11 | 5 | 13, 19, 48, 55, 56 | 2014 | 3 |
| Indonesia | IDN | 144 | 83 | 7 | 3, 6, 19, 28, 30, 43, 56 | 2014 | 40 |
| India | IND | 206 | 94 | 9 | 6, 12, 19, 20, 26, 28, 43, 55, 56 | 2014 | 21 |
| Ireland | IRL | 23 | 18 | 1 | 6 | 2013 | 0 |
| Iran (Islamic Republic of) | IRN | 28 | 22 | 2 | 6, 28 | 2013 | 4 |
| Iraq | IRQ | 1 | 1 | 1 | 6 | 2013 | 0 |
| Iceland | ISL | 2 | 2 | 2 | 6, 56 | 2014 | 0 |
| Italy | ITA | 43 | 27 | 9 | 6, 13, 19, 21, 28, 30, 37, 48, 56 | 2014 | 4 |

| Country Name | ISO3 Code | No. of Assessments | No. of PAs Assessed ³ | Number of Methods Applied | Method ID (see Appendix 1) – Types of Methods Applied | Year of most recent assessment | Percentage of PA Network Assessed |
|---|-----------|--------------------|----------------------------------|---------------------------|---|--------------------------------|-----------------------------------|
| Jamaica | JAM | 57 | 23 | 3 | 28, 40, 43 | 2009 | 89 |
| Jordan | JOR | 30 | 8 | 4 | 6, 19, 28, 56 | 2014 | 91 |
| Japan | JPN | 6 | 5 | 2 | 19, 56 | 2014 | 1 |
| Kazakhstan | KAZ | 84 | 19 | 3 | 6, 28, 56 | 2014 | 52 |
| Kenya | KEN | 444 | 42 | 5 | 6, 19, 28, 54, 56 | 2014 | 12 |
| Kyrgyzstan | KGZ | 8 | 6 | 2 | 6, 28 | 2013 | 5 |
| Cambodia | KHM | 83 | 33 | 5 | 3, 6, 19, 28, 43 | 2012 | 55 |
| Kiribati | KIR | 20 | 3 | 2 | 6, 56 | 2014 | 100 |
| Republic of Korea | KOR | 91 | 28 | 5 | 6, 19, 22, 23, 56 | 2014 | 62 |
| Kuwait | KWT | 6 | 2 | 1 | 6 | 2013 | 0 |
| Lao People's Democratic Republic | LAO | 48 | 22 | 3 | 6, 28, 43 | 2010 | 87 |
| Lebanon | LBN | 20 | 5 | 3 | 6, 19, 28 | 2008 | 1 |
| Liberia | LBR | 11 | 8 | 3 | 6, 28, 43 | 2013 | 95 |
| Saint Lucia | LCA | 9 | 6 | 2 | 43, 56 | 2014 | 18 |
| Sri Lanka | LKA | 3 | 3 | 2 | 19, 56 | 2014 | 4 |
| Lesotho | LSO | 4 | 3 | 2 | 28, 56 | 2014 | 98 |
| Lithuania | LTU | 10 | 11 | 2 | 6, 28 | 2013 | 11 |
| Luxembourg | LUX | 10 | 22 | 2 | 6, 13 | 2009 | 34 |
| Latvia | LVA | 12 | 7 | 3 | 19, 28, 48 | 2009 | 31 |
| Morocco | MAR | 21 | 7 | 4 | 6, 19, 28, 43 | 2008 | 1 |
| Republic of Moldova | MDA | 14 | 8 | 2 | 6, 28 | 2013 | 69 |
| Madagascar | MDG | 55 | 34 | 4 | 6, 19, 28, 56 | 2014 | 52 |
| Mexico | MEX | 233 | 114 | 10 | 6, 19, 28, 30, 39, 40, 43, 47, 55, 56 | 2014 | 59 |
| The former Yugoslav Republic of Macedonia | MKD | 80 | 47 | 2 | 28, 56 | 2014 | 96 |
| Mali | MLI | 28 | 15 | 5 | 6, 19, 28, 43, 56 | 2014 | 93 |
| Malta | MLT | 3 | 8 | 1 | 6 | 2013 | 0 |

| Country Name | ISO3 Code | No. of Assessments | No. of PAs Assessed ³ | Number of Methods Applied | Method ID (see Appendix 1) – Types of Methods Applied | Year of most recent assessment | Percentage of PA Network Assessed |
|--------------------------|-----------|--------------------|----------------------------------|---------------------------|---|--------------------------------|-----------------------------------|
| Myanmar | MMR | 7 | 8 | 2 | 3, 6 | 2012 | 16 |
| Montenegro | MNE | 14 | 2 | 4 | 6, 28, 43, 56 | 2014 | 40 |
| Mongolia | MNG | 67 | 34 | 3 | 28, 43, 56 | 2014 | 78 |
| Northern Mariana Islands | MNP | 8 | 4 | 2 | 6, 30 | 2012 | 0 |
| Mozambique | MOZ | 17 | 8 | 2 | 28, 43 | 2013 | 25 |
| Mauritania | MRT | 19 | 9 | 6 | 6, 19, 28, 30, 43, 56 | 2014 | 94 |
| Mauritius | MUS | 27 | 14 | 2 | 6, 28 | 2012 | 72 |
| Malawi | MWI | 27 | 17 | 5 | 6, 19, 28, 43, 56 | 2014 | 58 |
| Malaysia | MYS | 42 | 26 | 4 | 3, 28, 43, 56 | 2014 | 27 |
| Namibia | NAM | 53 | 19 | 3 | 6, 28, 56 | 2014 | 42 |
| New Caledonia | NCL | 5 | 1 | 1 | 6 | 2012 | 0 |
| Niger | NER | 24 | 12 | 6 | 6, 12, 19, 28, 43, 56 | 2014 | 52 |
| Nigeria | NGA | 18 | 11 | 4 | 2, 6, 28, 43 | 2013 | 6 |
| Nicaragua | NIC | 96 | 34 | 4 | 19, 28, 40, 41 | 2013 | 49 |
| Niue | NIU | 3 | 1 | 1 | 28 | 2010 | 51 |
| Netherlands | NLD | 324 | 49 | 5 | 6, 13, 19, 31, 56 | 2014 | 15 |
| Norway | NOR | 1 | 1 | 1 | 56 | 2014 | |
| Nepal | NPL | 69 | 23 | 5 | 6, 12, 28, 43, 56 | 2014 | 68 |
| New Zealand | NZL | 4 | 4 | 2 | 6, 56 | 2014 | 3 |
| Pakistan | PAK | 6 | 3 | 1 | 28 | 2012 | 17 |
| Panama | PAN | 311 | 45 | 6 | 6, 19, 28, 40, 41, 56 | 2014 | 95 |
| Pitcairn Island | PCN | 1 | 1 | 1 | 6 | 2013 | |
| Peru | PER | 152 | 57 | 7 | 6, 19, 28, 39, 40, 43, 56 | 2014 | 35 |
| Philippines | PHL | 39 | 18 | 5 | 3, 6, 28, 30, 56 | 2014 | 13 |
| Palau | PLW | 4 | 2 | 2 | 6, 56 | 2014 | 63 |
| Papua New Guinea | PNG | 58 | 51 | 2 | 28, 43 | 2010 | 98 |
| Poland | POL | 250 | 102 | 7 | 6, 13, 19, 28, 37, 48, 56 | 2014 | 2 |

| Country Name | ISO3 Code | No. of Assessments | No. of PAs Assessed ³ | Number of Methods Applied | Method ID (see Appendix 1) – Types of Methods Applied | Year of most recent assessment | Percentage of PA Network Assessed |
|-----------------------|-----------|--------------------|----------------------------------|---------------------------|---|--------------------------------|-----------------------------------|
| Portugal | PRT | 32 | 47 | 3 | 6, 13, 56 | 2014 | 0 |
| Paraguay | PRY | 34 | 13 | 4 | 6, 19, 28, 40 | 2013 | 11 |
| French Polynesia | PYF | 5 | 2 | 1 | 6 | 2012 | 0 |
| Romania | ROU | 95 | 30 | 8 | 6, 13, 19, 28, 37, 43, 48, 56 | 2014 | 37 |
| Russian Federation | RUS | 448 | 221 | 9 | 6, 13, 19, 28, 30, 37, 43, 48, 56 | 2014 | 42 |
| Rwanda | RWA | 5 | 3 | 2 | 6, 28 | 2013 | 44 |
| Saudi Arabia | SAU | 5 | 4 | 1 | 6 | 2013 | 0 |
| Sudan | SDN | 8 | 7 | 3 | 6, 19, 28 | 2009 | 0 |
| Senegal | SEN | 43 | 16 | 6 | 6, 12, 19, 28, 43, 56 | 2014 | 29 |
| Singapore | SGP | 3 | 3 | 2 | 3, 6 | 2012 | 4 |
| Saint Helen | SHN | 2 | 1 | 1 | 6 | 2013 | 0 |
| Solomon Islands | SLB | 3 | 2 | 2 | 28, 56 | 2014 | 67 |
| Sierra Leone | SLE | 19 | 11 | 2 | 6, 28 | 2013 | 19 |
| El Salvador | SLV | 49 | 24 | 3 | 6, 28, 41 | 2013 | 19 |
| Serbia | SRB | 50 | 30 | 2 | 28, 43 | 2012 | 65 |
| Sao Tome and Principe | STP | 1 | 1 | 1 | 6 | 2013 | 0 |
| Suriname | SUR | 17 | 14 | 2 | 28, 56 | 2014 | 98 |
| Slovakia | SVK | 32 | 21 | 7 | 6, 13, 19, 28, 43, 48, 56 | 2014 | 14 |
| Slovenia | SVN | 16 | 24 | 6 | 6, 13, 19, 43, 48, 56 | 2014 | 15 |
| Sweden | SWE | 20 | 14 | 6 | 6, 13, 19, 28, 37, 56 | 2014 | 13 |
| Seychelles | SYC | 11 | 8 | 5 | 6, 12, 28, 54, 56 | 2014 | 86 |
| Syrian Arab Republic | SYR | 9 | 2 | 2 | 6, 28 | 2014 | 42 |
| Chad | TCD | 14 | 12 | 3 | 6, 43, 56 | 2014 | 62 |
| Togo | TGO | 16 | 10 | 3 | 6, 28, 43 | 2011 | 29 |
| Thailand | THA | 64 | 39 | 5 | 3, 6, 19, 28, 56 | 2014 | 20 |
| Tajikistan | TJK | 15 | 5 | 3 | 6, 28, 56 | 2014 | 82 |
| Turkmenistan | TKM | 29 | 9 | 2 | 6, 28 | 2012 | 63 |

| Country Name | ISO3 Code | No. of Assessments | No. of PAs Assessed ³ | Number of Methods Applied | Method ID (see Appendix 1) – Types of Methods Applied | Year of most recent assessment | Percentage of PA Network Assessed |
|------------------------------------|-----------|--------------------|----------------------------------|---------------------------|---|--------------------------------|-----------------------------------|
| Tonga | TON | 1 | 1 | 1 | 6 | 2007 | 0 |
| Tunisia | TUN | 32 | 8 | 4 | 6, 19, 28, 56 | 2014 | 16 |
| Turkey | TUR | 160 | 9 | 6 | 6, 13, 19, 28, 43, 56 | 2014 | 87 |
| United Republic of Tanzania | TZA | 623 | 209 | 3 | 6, 28, 56 | 2014 | 40 |
| Uganda | UGA | 191 | 37 | 6 | 2, 6, 12, 19, 28, 56 | 2014 | 15 |
| Ukraine | UKR | 53 | 34 | 6 | 6, 13, 28, 43, 48, 56 | 2014 | 27 |
| Uruguay | URY | 56 | 17 | 3 | 6, 19, 28 | 2013 | 19 |
| United States of America | USA | 101 | 79 | 5 | 6, 19, 30, 50, 56 | 2014 | 19 |
| Uzbekistan | UZB | 33 | 10 | 2 | 6, 28 | 2009 | 15 |
| Saint Vincent and the Grenadines | VCT | 14 | 10 | 3 | 30, 40, 43 | 2006 | 58 |
| Venezuela (Bolivarian Republic of) | VEN | 173 | 56 | 7 | 12, 19, 28, 39, 52, 56, 57 | 2014 | 35 |
| Virgin islands (USA) | VIR | 25 | 9 | 1 | 43 | 2009 | 18 |
| Viet Nam | VNM | 139 | 50 | 5 | 6, 19, 28, 43, 56 | 2014 | 23 |
| Vanuatu | VUT | 7 | 4 | 1 | 28 | 2010 | 38 |
| Samoa | WSM | 3 | 1 | 2 | 6, 28 | 2010 | 60 |
| Yemen | YEM | 16 | 3 | 2 | 6, 56 | 2014 | 15 |
| South Africa | ZAF | 1134 | 222 | 6 | 6, 12, 19, 28, 43, 56 | 2014 | 25 |
| Zambia | ZMB | 103 | 22 | 3 | 6, 28, 56 | 2014 | 32 |
| Zimbabwe | ZWE | 45 | 10 | 3 | 6, 28, 56 | 2014 | 21 |

Appendix 3 – A description of the GD-PAME advanced attributes.

| ID | Indicator | Description | Element |
|----|-------------------------|---|----------|
| 1 | Context | This indicator measures the extent to which the wider context surrounding the protected area (e.g. threats & values) has been assessed. | Context |
| 2 | Legal status | This indicator measures the formal legal status of the protected area. | Planning |
| 3 | Boundary demarcation | This indicator measures the level of boundary demarcation of the protected area. | Planning |
| 4 | PA design | This indicator measures the adequacy of protected area design. | Planning |
| 5 | Tenure | This indicator measures the clarity of tenure of the protected area. | Planning |
| 6 | Policy & Legislation | This indicator measures the adequacy of legislative and policy support for the protected area. | Planning |
| 7 | Management plan | This indicator measures the adequacy of the protected area management plan. | Planning |
| 8 | Human Resources | This indicator measures whether staff numbers are sufficient to manage the protected area. | Input |
| 9 | Infrastructure | This indicator measures the adequacy of infrastructure, equipment and facilities within the protected area. | Input |
| 10 | Data availability | This indicator measures the adequacy of access to information relevant to the protected area. | Input |
| 11 | Funding | This indicator measures whether the quantity and reliability of funding is adequate to manage the protected areas. | Input |
| 12 | Governance | This indicator measures the adequacy of governance/ leadership of the protected area. | Process |
| 13 | Administration | This indicator measures the adequacy of administrative support within the protected area. | Process |
| 14 | Maintenance | This indicator measures the adequacy of maintenance within the protected area. | Process |
| 15 | Staff capacity | This indicator measures the skill level of staff within the protected area. | Process |
| 16 | Training | This indicator measures the adequacy of staff training within the protected area. | Process |
| 17 | Policies & procedures | This indicator measures the adequacy of policies and procedures within the protected area and how closely they are being followed. | Process |
| 18 | Law enforcement | This indicator measures the adequacy of law enforcement within the protected area. | Process |
| 19 | Stakeholder involvement | This indicator measures the extent to which stakeholders and communities are involved in the management of the protected area. | Process |
| 20 | Communication | This indicator measures the level of environmental education provided by the protected area. | Process |
| 21 | Benefit sharing | This indicator measures the extent to which benefits of the protected area are shared with the local community. | Process |
| 22 | Sustainable management | This indicator measures the sustainability of land use practises within the protected area. | Process |
| 23 | Tourism | This indicator measure the sustainability of tourism within the protected area. | Process |
| 24 | Culture & Traditions | This indicator measure the extent to local cultures and traditions are considered when managing the protected area. | Process |
| 25 | Research & monitoring | This indicator measures the adequacy of research and monitoring within the protected area. | Process |
| 26 | Achievement of targets | This indicator measures the extent to which programme targets for the protected area have been achieved? | Output |
| 27 | Status of values | This indicator measures the extent to which the protected area is protecting its values and achieving its objectives? | Outcome |

Appendix 4 – A Simplified PAME Survey Form

This is a simplified PAME survey form to be completed if an alternative system for evaluating PAME is already in place which is incompatible with the IUCN WCPA management framework (see Figure 1). If you have any queries regarding the completion of this form please contact the GD-PAME team at protectedareas@unep-wcmc.org for further information, or to receive the form in a spreadsheet format where multiple sites are to be reported and completing the form for each site would be impractical.

Basic Information

| | |
|-----------------------------------|--|
| WDPA ID | |
| Protected Areas Name | |
| Protected Area Designation | |
| Country ISO3 code | |
| Date | |

Assessment Form

| Question | Description | Rating: Tick only one box per question | | Comments |
|---|---|--|--------------------------|----------|
| 1. Context To what extent has the wider context surrounding the protected area been evaluation? | This element provides the relevant background information needed to plan and implement management and to shape and focus an evaluation on the most important aspects of management. An assessment of the wider context should consider: <ul style="list-style-type: none"> • The value and significance of protected areas; • Threats to protected areas; and • External influences e.g. economic position, policy environment, political stability and neighbour and stakeholder relationships | Poor: No evaluation has been undertaken of the wider context | <input type="checkbox"/> | |
| | | Fair: A basic evaluation of the wider context has been undertaken but requires significant improvement. | <input type="checkbox"/> | |
| | | Good: A thorough evaluation of the wider context has been undertaken, but some gaps still remain | <input type="checkbox"/> | |
| | | Very Good: The wider context has been adequately evaluated. | <input type="checkbox"/> | |

| Question | Description | Rating: Tick only one box per question | | Comments |
|--|---|---|--|----------|
| 2. Planning Is the protected area system/ site adequately designed? | An assessment of protected area design should consider the: <ul style="list-style-type: none"> • Location; • Size; • Shape; • Connectivity; and • Integrity of the protected area system/ site and whether this is sufficient to achieve its objectives. | Poor: The protected area system/ site is inadequately designed to achieve its objectives | | |
| | | Fair: The protected area design constrains the achievement of most objectives and requires significant improvement | | |
| | | Good: The protected area design does not significantly constrain achievement of objectives, but could be improved | | |
| | | Very Good: The protected area system/ site is adequately designed to achieve its objectives | | |
| 3. Inputs Are sufficient resources being devoted to managing the protected area system/site? | An assessment of inputs should consider: <ul style="list-style-type: none"> • The level of resources needed; • The extent to which these resources are available; and • Whether resources are being used and applied in the best way. In this context resources include: <ul style="list-style-type: none"> • Human capacity • Infrastructure, equipment & facilities. • Information • Funding | Poor: There are little to no resources | | |
| | | Fair: There are some resources but these are inadequate for most management needs | | |
| | | Good: There are sufficient resources for most management needs, but still some gaps that constrain management | | |
| | | Very Good: Resources are adequate for management needs | | |

| Question | Description | Rating: Tick only one box per question | | Comments |
|--|--|--|--|----------|
| 4. Process Are effective management processes in place within the protected area system/ site? | An assessment of processes should consider management processes (e.g. standards, policies and protocols) in relation to: <ul style="list-style-type: none"> • Planning • Governance • Administration • Human Resources • Communications • Finance • Maintenance • Law enforcement • Resource management • Visitor management | Poor: There are no management processes in place within the protected area system/ site | | |
| | | Fair: Management processes are being prepared but have not yet been implemented within the protected area system/ site | | |
| | | Good: Management processes are in place but have only been partially implemented within the protected area system/ site | | |
| | | Very Good: Management processes are in place and being effectively implemented | | |
| 5. Outputs Have the work programme targets for the protected area system/ site been achieved? | An assessment of outputs should consider both: <ul style="list-style-type: none"> • The number or level of products and services delivered; and • The extent to which stated action, tasks and strategies were implemented. | Poor: No work programme targets have been achieved | | |
| | | Fair: No work programme targets have been achieved yet, however, significant progress has been made towards achieving these targets | | |
| | | Good: The work programme targets have been partially achieved | | |
| | | Very Good: All work programme targets have been achieved | | |

| Question | Description | Rating: Tick only one box per question | | Comments |
|---|---|--|--|----------|
| 6. Outcomes Is the protected area system/ site adequately protecting its values and achieving its objectives? | Outcome assessment is vitally important because it measures the real effects of management actions: whether management is maintaining the core values for which the protected area was established. An assessment of outcomes should consider: <ul style="list-style-type: none"> • The condition of values including: biodiversity, socio-economic and cultural conditions • Whether specific management objectives were achieved and threats abated. | Poor: The protected area is not adequately protecting any of its values | | |
| | | Fair: Some values have been protected but many values are being severely degraded | | |
| | | Good: The majority of values have been protected but a few remain partially degraded. | | |
| | | Very good: All values have been adequately protected | | |