



Memorandum of Understanding on the  
Conservation and Management of Marine Turtles and  
their Habitats of the Indian Ocean and South-East Asia

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## DRAFT CRITERIA FOR EVALUATION OF IOSEA NATIONAL REPORTS

1. The first attempt to systematically review implementation of the Memorandum of Understanding's Conservation and Management Plan (CMP) was carried out for the Second Meeting of the Signatory States (Bangkok, February 2004). At that time, a colour-coded matrix was devised to assess each Signatory State's implementation progress in relation to each of the CMP's 24 programmes of work. (Document MT-IOSEA/SS.2/Doc. 7 refers.)
2. The information supplied in the national reports was carefully analysed and a subjective rating was given to characterise each Signatory State's progress, according to the following scale:
  - Active intervention, very substantial progress
  - Partial implementation, good progress
  - Some progress, but limited in scope
  - Insufficient information to assess extent of progress reported
  - No information available or no progress reported
3. The analysis remarked that the extent of implementation was likely understated as a result of incomplete reporting, and noted that the ratings were subjective and open to differing interpretation, particularly where limited detail was provided. Notwithstanding its limitations, this preliminary exercise was useful in highlighting strengths and gaps in implementation, and in helping to prioritise necessary future interventions.
4. In developing the Online Reporting System over the past year, the Secretariat has responded to the Signatory States' request that the rating system be elaborated further and made more transparent, with a view to minimizing subjectivity. As document MT-IOSEA/SS.4/Doc. 8.3 "Review of Implementation Progress" demonstrates, the end result is a major advance in the analysis and practical use of information submitted by signatories to an international conservation agreement.
5. Objective evaluation criteria have been developed for each of the 80 questions/activities in the revised reporting template. These are presented, in draft form, in Annex 1 to this paper. The evaluation criteria are the basis upon which each activity will be scored for all Signatory States, on a scale from 1.0 to zero. For most activities, three to five descriptions are available to choose from.
6. When reviewing the draft criteria, which are meant to be read alongside the revised reporting template (MT-IOSEA/SS.4/Doc. 8.1 Annex 1), a number of general remarks are important to keep in mind:
  - A large diversity exists among the States participating in the IOSEA Marine Turtle MoU, particularly in terms of their capacity to implement its provisions and to report comprehensively on what actions they have undertaken. This being the case, it is a challenge to develop criteria for assessing implementation and reporting that need to cover such a wide range of circumstances.
  - The criteria have been developed with an underlying philosophy that while it is necessary for Signatories to report on what they have done (i.e. outputs), it is even more important to concentrate on the *outcomes* actually achieved (i.e. the effectiveness of the actions taken). Accordingly, the criteria strive to place more of an emphasis on implementation, rather than the act of reporting *per se*. They

have generally been constructed in a way that gives primacy to whether or not an activity has been carried out effectively, over whether or not it has been reported on.

- The highest rating of 1.0 has been reserved for activities that meet the highest standard of implementation and reporting, including a critical assessment of the efficacy of the measures taken. One might argue that this ideal may be difficult to achieve in the real world, even for the most developed countries; however, if the standard is set lower than this – for example, neglecting any measure of real effectiveness – the goal of conservation that the IOSEA Marine Turtle MoU is aiming to achieve will not be well-served.
- The evaluation criteria cover some 80 topics, with an average of about four potential ratings per topic – for a total of over 300 separate descriptions. Inevitably, not all of the criteria will perfectly describe the situation in the reports that have been submitted by twenty or so widely diverse Signatory States, but they should be a reasonable approximation. While there is certainly room for improvement in their precise formulation, from preliminary analyses already carried out, the criteria have proved to be broadly applicable.
- When, in mid-August 2005, the Secretariat circulated the revised reporting template, in MS-Word format, to all Signatories, it included extensive comment/help boxes to help guide those responsible for completing the national reports. The evaluation criteria borrow, to some extent, from the guidance provided with the reporting template. A review of the evaluation criteria themselves may assist Signatory States to better respond to individual questions in the national report, simply by virtue of the fact that they illustrate ‘best practice’ for each activity.

7. The evaluation criteria at Annex 1 will be used, in their present draft form, to prepare a provisional analysis of implementation, based on the information contained in the Online Reporting System as of mid-February 2006. This paper is being circulated to all Signatory States and to the Advisory Committee for review, one month ahead of the Fourth Meeting of the Signatory States, to allow adequate time to prepare written comments for the meeting itself. If there were interest, during the meeting, to refine the evaluation criteria further, a working group might be convened for that purpose.

## Draft Criteria for Evaluation of IOSEA National Reports (as at 10 February 2006)

### 1.1 Nesting beaches, feeding areas and developmental habitats that are important for marine turtles. Threats to marine turtle populations and their habitats - listed separately.

- 1.00=** Nesting beaches, feeding areas and developmental habitats are listed. Additional details of geographic co-ordinates, relative importance, species occurrence by habitat type, threats and mitigation measures are given separately, in full, for virtually all sites.
- 0.75=** Nesting beaches, feeding areas and developmental habitats are listed. Additional details of geographic co-ordinates, relative importance, species occurrence by habitat type, threats and mitigation measures are given separately, and appear substantially complete in most respects for at least 3/4 of the sites.
- 0.50=** Nesting beaches, feeding areas and developmental habitats are listed. Additional details of geographic co-ordinates, relative importance, species occurrence by habitat type, threats and mitigation measures are given separately, and appear to be partially complete for many of the listed sites.
- 0.25=** Nesting beaches, feeding areas and developmental habitats are listed. Additional details (such as geographic co-ordinates, relative importance, species occurrence by habitat type, threats and mitigation measures) are largely incomplete.
- 0.00=** Nesting beaches, feeding areas and developmental habitats are not listed.

### 1.2.1 Protocols or approaches, which you consider exemplary, for minimizing threats to marine turtle populations and their habitats, which may be suitable for adaptation elsewhere

- 1.00=** A variety of successful `best practice` protocols or approaches are in place. These are described in detail, with particular reference to their effectiveness and transferability; at least one measure is reported as exemplary and may be suitable for adaptation elsewhere.
- 0.75=** A variety of `best practice` protocols or approaches are in place and are at least partly described, in terms of their methodology. Partial information is provided on their effectiveness and suitability for adaptation elsewhere.
- 0.50=** A variety of protocols or approaches are listed. Little or no information is given about the methodology used, their effectiveness, or their suitability for adaptation elsewhere.
- 0.25=** A number of basic activities are listed only. without any reference to their effectiveness, and without additional information on which to gauge their suitability for adaptation elsewhere.
- 0.00=** No information is provided.

### 1.3.1 Description of any socio-economic studies or activities that have been conducted among communities that interact with marine turtles and their habitats

- 1.00=** Socio-economic studies or activities have been conducted, are in progress, or are about to start. Their content (objectives, methodology) is fully described. If completed, outcomes (successful or otherwise) are summarised. OR: Not applicable (i.e. no inhabitants present to interact)
- 0.75=** Socio-economic studies or activities have been conducted, are in progress, or are about to start. Their content (objectives, methodology) are partly described. Some information is available on the outcome of completed studies or activities.
- 0.50=** Socio-economic studies or activities are listed; partial details are provided of their nature or outcomes (if completed).
- 0.25=** Socio-economic studies or activities are listed only. No other information is provided.
- 0.00=** No socio-economic studies or activities have been conducted or no information is provided.

### 1.3.2 Which of these adverse economic incentives are underlying threats to marine turtles

- 1.00=** Adverse economic incentives that are threats to marine turtles are indicated and explained, where necessary. If none is listed, a clear explanation is given to account for this positive situation.
- 0.75=**
- 0.50=** There are apparently no adverse economic incentives presently threatening marine turtles, but no explanation is given to account for this positive situation.
- 0.25=**
- 0.00=** No information is provided.

### **1.3.3 Describe any actions your country has taken to try to correct these adverse economic incentives**

- 1.00=** Actions taken to correct adverse economic incentives, including their effectiveness and resource implications are described in detail. The actions taken are reported to be broadly effective. OR: Not applicable (i.e. no adverse economic incentives exist)
- 0.75=** Actions taken to correct adverse economic incentives are described; their effectiveness and resource implications are mentioned. The actions taken are reported to be at least partly effective.
- 0.50=** Some actions taken to correct adverse economic incentives are described; insufficient information is provided to assess their effectiveness.
- 0.25=** Some actions taken to correct adverse economic incentives are mentioned; no further details are provided.
- 0.00=** No information is provided.

### **1.4.1 Indicate and describe in more detail the main fisheries occurring in the waters of your country, as well as any high seas fisheries in which flag vessels of your country participate and interact with marine turtles.**

- 1.00=** Each of the main fisheries known to interact with marine turtles is indicated. Each is adequately described in terms of geographic distribution and operating capacity. OR: No fisheries are operating that interact with marine turtles (= None of the above)
- 0.75=** Each of the main fisheries known to interact with marine turtles is indicated. Most are at least partly described in terms of geographic distribution and operating capacity.
- 0.50=** The main fisheries are indicated. The descriptions of geographic distribution and operating capacity may be incomplete for some of these.
- 0.25=** At least some of the main fisheries are indicated, but there are few if any descriptions of geographic distribution and operating capacity.
- 0.00=** No information is available.

### **1.4.2 Please indicate the relative level of fishing effort and impact of each of the above fisheries on marine turtles (e.g. in terms of by-catch) using the following descriptions: HIGH, MODERATE, LOW, NONE, UNKNOWN**

- 1.00=** Relative fishing effort and impact on marine turtles are indicated for each fishery, including explicit mention of those not operating (indicated by `None`). Further explanations and detailed information sources are provided for each fishery.
- 0.75=** Relative fishing effort and impact on marine turtles are indicated for most fisheries, but may be incomplete in some respects for some fisheries, or are unknown. Further explanations and detailed information sources are provided for most fisheries.
- 0.50=** Relative fishing effort and impact on marine turtles are indicated for some fisheries, but are incomplete in some respects for some fisheries, or are unknown. Further explanations and detailed information sources are provided for some fisheries.
- 0.25=** Relative fishing effort and impact on marine turtles are indicated for some fisheries, but are generally unknown or are not indicated. Further explanations and detailed information sources are generally absent.
- 0.00=** Little or no information is provided.

### **1.4.3 Describe any illegal fishing that is known to occur in or around the waters of your country that may impact marine turtles. Describe the measures being taken to deal with this problem and any difficulties encountered in this regard**

- 1.00=** Illegal fishing known to impact marine turtles is identified and reported; and effectiveness of mitigation measures put in place and any difficulties encountered are described in detail. The measures to deal with such illegal fishing are reported to be broadly effective.
- 0.75=** Illegal fishing known to impact marine turtles is identified and reported; some mitigation measures are in place or planned, and are partly described.
- 0.50=** Illegal fishing practices are at least partly identified and reported. As yet, no mitigation measures are in place or planned, or none is reported.
- 0.25=** Illegal fishing practices are incompletely or not described; mitigation measures are not in place or not reported.
- 0.00=** No information is available.

#### **1.4.4 Which methods are used by your country to minimise incidental capture/mortality of marine turtles in fishing activities**

- 1.00=** Most, if not all, of the mitigation measures are practiced. The methods/measures used are described in more detail, along with a statement of their efficacy, any difficulties encountered, and future plans. In general, the measures are reported to be broadly effective.
- 0.75=** At least half of the mitigation measures are practiced. Further details are given of the mitigation measures; information about their efficacy, difficulties encountered, or future plans may be incomplete.
- 0.50=** At least two of the mitigation measures are practiced, and partial details are provided.
- 0.25=** At least one mitigation measures is practiced, but in most cases no further details are provided.
- 0.00=** None of the mitigation measures is practiced (i.e. 'None of the above' is ticked) or no information is provided.

#### **1.4.5 What programmes has your country developed with the fishing industry and fisheries management organisations to promote implementation of measures to minimise incidental capture and mortality of turtles in national waters and in the high seas?**

- 1.00=** Most, if not all, of the programmes/measures are in place. They are described in full detail, along with a statement of their efficacy, any difficulties encountered, and future plans. In general, the programmes or measures are reported to be broadly effective.
- 0.75=** At least half of the programmes/measures are in place. Further details are given of the programmes or measures; information about their efficacy, difficulties encountered, or future plans may be incomplete.
- 0.50=** At least two of the programmes/measures are in place, and partial details are provided.
- 0.25=** Some of the programmes/measures are in place, but in most cases no further details are provided.
- 0.00=** No programmes have been developed with the fishing industry and fisheries management organisations; or no information is provided.

#### **1.4.6 Are the mitigation measures described in 1.4.4 and 1.4.5, periodically reviewed and evaluated for their efficacy**

- 1.00=** Mitigation measures are periodically reviewed and evaluated for their efficacy; the nature and outcomes of reviews are reported in detail.
- 0.75=**
- 0.50=** Mitigation measures are periodically reviewed and evaluated for their efficacy. The nature and outcomes of reviews are partially reported.
- 0.25=**
- 0.00=** Mitigation measures are not periodically reviewed and evaluated (no details given); it is not known if they are periodically reviewed and evaluated; or no information is given.

#### **1.4.7 In your country, what types of data collection, research and development have been undertaken to support the reduction of marine turtle incidental catch (while taking into consideration the impact of various mitigation measures on other species)**

- 1.00=** Significant data collection and research and development activities to reduce turtle bycatch have been undertaken and are described in detail, including their practical application. The impact of the mitigation measures on other species is reported to have been assessed.
- 0.75=** Many data collection and research and development activities to reduce turtle bycatch have been undertaken, or are in progress, and they are at least partly described.
- 0.50=** Some data collection and research and development activities to reduce turtle bycatch have been undertaken or are in progress, but they are insufficiently described. The impact of the mitigation measures on other species is not mentioned or mentioned only in passing.
- 0.25=** Few data collection or research and development activities to reduce turtle bycatch have been undertaken or they are insufficiently described.
- 0.00=** No data collection or research and development activities to reduce turtle bycatch have been undertaken or no information is provided.

**1.4.8 Has your country exchanged information and provided technical assistance (formally or informally) to other Signatory States to promote the activities described in 1.4.4, 1.4.5 and 1.4.7 above**

- 1.00=** Information and/or technical assistance has been provided to at least one other Signatory State; details of these exchanges are given.
- 0.75=**
- 0.50=** Information and/or technical assistance has been provided to at least one other Signatory State; but no details of these exchanges are given.
- 0.25=**
- 0.00=** Information and technical assistance has not been provided to other Signatory States, it is not known if such exchanges have occurred, or no information is provided.

**1.4.9 What legislative and practical measures has your country taken in support of UN General Assembly Resolution 46/215 concerning the moratorium on the use of large-scale driftnets**

- 1.00=** Legislative and/or practical measures have been taken in support of the UN moratorium; the nature and effectiveness of these actions are detailed.
- 0.75=**
- 0.50=** Legislative and/or practical measures have been taken in support of the UN moratorium; the nature and effectiveness of these actions are partially reported.
- 0.25=**
- 0.00=** Legislative or practical measures to support the UN moratorium on large-scale driftnets have not been taken or no information is available.

**1.5.1 Does your country have legislation to prohibit direct harvest and domestic trade in marine turtles, their eggs, parts and products? Please give details, including any exceptions made.**

- 1.00=** Comprehensive legislation is in place to prohibit direct harvest and domestic trade in marine turtles. Full details of the legislation are given, including title and information on penalties and any exemptions. Mention may be made of its effectiveness, in terms of enforcement and prosecution of cases.
- 0.75=** Legislation is in place to prohibit direct harvest and domestic trade in marine turtles. From the general description given, its coverage appears complete. Some specific details (eg. precise title, and information on penalties and exemptions) may be incomplete.
- 0.50=** Legislation is in place to prohibit direct harvest and domestic trade in marine turtles; and it is partly described.
- 0.25=** No legislation is currently in place to prohibit direct harvest and domestic trade in marine turtles, but consideration is being given to introduce such legislation in the near future.
- 0.00=** No legislation to prohibit direct harvest and domestic trade in marine turtles, their eggs, parts and products is in place, or no information is provided.

**1.5.2 Please indicate the relative level and impact of traditional harvest on marine turtles and their eggs.**

- 1.00=** The relative level and impact of traditional harvest on marine turtles and their eggs is indicated, and sources of information/studies are well referenced, giving the impression of active management. Overall, the harvest is reported to have little or no impact.
- 0.75=** The relative level and impact of traditional harvest on marine turtles and their eggs is indicated, and sources of information are cited. Overall, the harvest is reported to have only low to moderate impact.
- 0.50=** The relative level and impact of traditional harvest on marine turtles and their eggs is indicated, however few or no sources of information are cited to support the finding. The impact is reported to be moderate.
- 0.25=** One or both aspects of the level and impact of traditional harvest on marine turtles and their eggs is unknown or not rated; and/or the sources of information cited to support the finding are incomplete; and/or the impact is reported to be high (if it has been rated).
- 0.00=** The relative level and impact of traditional harvest on marine turtles and their eggs is not known or not rated, and no further mitigating explanation is offered.

**1.5.3 Have any (domestic) management programmes been established to limit the levels of intentional harvest?**

- 1.00=** Domestic management programmes to limit intentional harvest are in place; their nature and effectiveness are described in detail. The programme(s) is/are broadly effective. OR: Not applicable (i.e. no intentional harvest whatsoever occurs)
- 0.75=** Domestic management programmes to limit intentional harvest are in place; their nature and effectiveness are partly described. The programme(s) is/are at least partly effective.
- 0.50=** Domestic management programmes to limit intentional harvest are in place. Partial details are provided, but not enough information is available to assess their effectiveness.
- 0.25=** Domestic management programmes to limit intentional harvest are in place, but no additional information is provided.
- 0.00=** Domestic management programmes to limit intentional harvest have not been established; it is unknown if they have been established, or no information is available.

**1.5.4 Tick the boxes at left to indicate the economic uses and cultural values of marine turtles in your country (leave unticked, if not applicable).**

- 1.00=** Economic or cultural values of marine turtles are indicated; and their relative prevalence / importance is known and rated in all cases. Further explanation is given, where necessary.
- 0.75=** Economic or cultural values of marine turtles are indicated; and their relative prevalence / importance is known and rated in most cases.
- 0.50=** Economic or cultural values of marine turtles are indicated; their relative prevalence / importance is unknown or not rated in some cases.
- 0.25=** Economic or cultural values of marine turtles are indicated; their relative prevalence / importance is unknown or not rated in most cases (suggesting a need for further study)
- 0.00=** Little or no information is provided.

**1.5.5 Describe any management agreements negotiated between your country and other States in relation to sustainable levels of traditional harvest, to ensure that such harvest does not undermine conservation efforts.**

- 1.00=** Effective management agreements are in place with one or more States and their content is fully described, including details of the year concluded, parties involved and their effectiveness. OR: Not applicable (i.e. no traditional harvest whatsoever occurs)
- 0.75=** Management agreements are in place with one or more States; their content and/or effectiveness is partly described.
- 0.50=** Management agreements are in place with one or more States, but few details are given about their content and/or effectiveness. OR: Management agreements are in preparation with one or more States, and their content and current negotiation status are described.
- 0.25=** Management agreements are planned with other States, but few additional details are provided about their content.
- 0.00=** No management agreements are currently in place or planned with other States, or no information is provided.

**1.6.1 Has your country undertaken any evaluation of its nest and beach management programmes?**

- 1.00=** Nest and beach management programmes have been evaluated. Any review(s) undertaken are described in more detail, including any adjustments made to the programmes as a consequence. Clear details are given of published/unpublished reports.
- 0.75=** Nest and beach management programmes have been evaluated. The nature of the reviews is partly described, and includes some reference to published/unpublished reports.
- 0.50=** Nest and beach management programmes have been evaluated; details of the review(s) and additional information are largely incomplete.
- 0.25=** Nest and beach management programmes have been evaluated, but no further information is available.
- 0.00=** Nest and beach management programmes have not been evaluated, it is not known if they have been evaluated, or no information is provided.

**1.6.2 Tick the boxes at left to indicate whether your country has any of the following measures in place to minimise the mortality of eggs, hatchlings and nesting females (if not, leave unticked); then estimate the relative effectiveness of these measures.**

- 1.00=** Most, if not all, of the conservation measures are practiced. The methods/measures used are described in more detail, along with a brief statement of their efficacy, lessons learned and any difficulties encountered. The effectiveness of the measures is generally `good` to `excellent`.
- 0.75=** At least five of the conservation measures are practiced. The methods/measures used, their efficacy, lessons learned, and any difficulties encountered are at least partly described. If rated, the effectiveness of the measures is generally `good` to `excellent`.
- 0.50=** At least three of the conservation measures are practiced. The methods/measures used, their efficacy, lessons learned, and any difficulties encountered are partly described. If rated, the effectiveness of the measures is generally `good`.
- 0.25=** At least one of the conservation measures is practiced, however the effectiveness is reported to be generally low, unknown, or not rated.
- 0.00=** None of these measures is practiced or no information is provided.

**2.1.1 What is being done to protect critical habitats outside of established protected areas?**

- 1.00=** Specific measures are in place to effectively protect critical habitats outside of established protected areas. The measures are fully described, including details of their geographic coverage and their effectiveness.
- 0.75=** Specific measures are in place to protect critical habitats outside of established protected areas; and these are partly described.
- 0.50=** Some general measures are in place to protect critical habitats outside of established protected areas. These are listed, with little or no additional explanation as to their geographic coverage or effectiveness.
- 0.25=** Limited measures are in place to protect critical habitats outside of established protected areas. These are only listed, with little or no additional explanation as to their geographic coverage or effectiveness.
- 0.00=** Measures are not in place to protect critical habitats outside of established protected areas, or no information is provided.

**2.1.2 Are assessments routinely made of the environmental impact of marine and coastal development on marine turtles and their habitats?**

- 1.00=** Assessments of the environmental impact of development are routinely made. The nature of these assessments is described, giving examples, with specific mention of cases relevant to marine turtles.
- 0.75=** Assessments of the environmental impact of development are regularly made. The nature of these assessments is partly described, giving examples.
- 0.50=** Assessments of the environmental impact of development are regularly made. Partial information is given regarding these processes; few, if any examples are provided.
- 0.25=** Assessments of the environmental impact of development are occasionally or infrequently made. Limited information is given regarding these processes and few, if any, examples are provided.
- 0.00=** Assessments of the environmental impact of development are not routinely made or it is not known if they are routinely made.

**2.1.3 Is marine water quality monitored, and what steps if any are taken to protect water quality near turtle habitats (including from marine debris)?**

- 1.00=** Marine water quality is monitored and steps are taken to protect water quality near turtle habitats; These are fully described, including details of measures to address marine debris and references to other sources of information.
- 0.75=** Marine water quality is monitored and steps are taken to protect water quality near turtle habitats. These measures are partly, but incompletely, described in relation to marine turtles.
- 0.50=** Marine water quality is monitored, however there is little or no description of the processes involved.
- 0.25=** Marine water quality is not monitored, however some steps are taken to protect water quality near turtle habitats.
- 0.00=** Marine water quality is not monitored, it is not known if marine water quality is monitored, or no information is provided.



#### **2.1.4 What measures are in place to prohibit the use of poisonous chemicals and explosives?**

- 1.00=** Measures are in place to prohibit the use of poisonous chemicals and explosives; relevant legislation and enforcement action/penalties are described and their effectiveness mentioned.
- 0.75=**
- 0.50=** Measures are in place to prohibit the use of poisonous chemicals and explosives; partial details are provided regarding relevant legislation, enforcement action/penalties and their effectiveness.
- 0.25=**
- 0.00=** No measures are in place to prohibit the use of poisonous chemicals and explosives or no information is available.

#### **2.2.1 Are efforts being made to recover degraded coral reefs?**

- 1.00=** Extensive efforts are being made to recover degraded coral reefs. The nature of these efforts is fully described, including details of the locations and efficacy of these actions. Examples and lessons learned are cited that might be applicable in other contexts. OR: Not applicable (all reefs are virtually pristine or the country has no reef habitat)
- 0.75=** Efforts are being made to recover degraded coral reefs. The nature of these efforts is partly described, including examples, but is lacking some information on the locations or efficacy of these actions.
- 0.50=** Efforts are being made to recover degraded coral reefs; limited details are provided on the nature and the efficacy of these actions.
- 0.25=** Efforts are being made to recover degraded coral reefs, but no further details are provided.
- 0.00=** No efforts are being made to recover degraded coral reefs, it is unknown if efforts are being made, or no information is provided.

#### **2.2.2 Are efforts being made to recover degraded mangrove habitats?**

- 1.00=** Extensive efforts are being made to recover degraded mangrove habitats. The nature of these efforts is fully described, including details of the locations and efficacy of these actions. Examples and lessons learned are cited that might be applicable in other contexts. OR: Not applicable (all mangroves are virtually undisturbed or the country has no mangrove habitat)
- 0.75=** Efforts are being made to recover degraded mangrove habitats. The nature of these efforts is partly described, including examples, but is lacking some information on the locations or the efficacy of these actions.
- 0.50=** Efforts are being made to recover degraded mangrove habitats; limited details are provided on the nature and efficacy of these actions.
- 0.25=** Efforts are being made to recover degraded mangrove habitats, but no further details are provided.
- 0.00=** No efforts are being made to recover degraded mangrove habitats, it is unknown if efforts are being made, or no information is provided.

#### **2.2.3 Are efforts being made to recover degraded sea grass habitats? If yes, give details (location, duration, effectiveness, lessons learned etc.)**

- 1.00=** Extensive efforts are being made to recover degraded sea grass habitats. The nature of these efforts is fully described, including details of the locations and efficacy of these actions. Examples and lessons learned are cited that might be applicable in other contexts. OR: Not applicable (all sea grass habitats are virtually undisturbed or the country has no sea grass habitat)
- 0.75=** Efforts are being made to recover degraded sea grass habitats. The nature of these efforts is partly described, including examples, but is lacking some information on the locations or the efficacy of these actions.
- 0.50=** Efforts are being made to recover degraded sea grass habitats; limited details are provided on the nature and efficacy of these actions.
- 0.25=** Efforts are being made to recover degraded sea grass habitats, but no further details are provided.
- 0.00=** No efforts are being made to recover degraded sea grass habitats, it is unknown if efforts are being made, or no information is provided.

**3.1.1 Give a list of available literature that includes baseline information from studies carried out in your country on marine turtle populations and their habitats**

**1.00=** A list of available literature is provided. Each reference is fully cited (including title, author, year, journal name etc.) and organised into separate categories, if extensive.

**0.75=**

**0.50=** A list of available literature is provided. Partial references are provided.

**0.25=**

**0.00=** A list of available literature is not given or no information is available.

**3.1.2 Have long-term monitoring programmes (i.e. of at least 10 years duration) been initiated or planned for priority marine turtle populations?**

**1.00=** Comprehensive, long-term monitoring programmes have been fully implemented. Detailed information is given about their nature and duration (allowing one to assess their scope and scientific rigour).

**0.75=** Long-term monitoring programmes have been fully implemented or initiated. Some information may be given about their nature and duration, but not in sufficient detail to allow one to assess their scope and scientific rigour.

**0.50=** Long-term monitoring programmes have been initiated or planned, but few or no details are provided.

**0.25=** Long-term monitoring programmes have not been initiated or planned; and mitigating circumstances are detailed.

**0.00=** Long-term monitoring programmes have not been initiated or planned, and no further explanation is given; or no information is provided.

**3.1.3 Has the genetic identity of marine turtle populations in your country been characterised?**

**1.00=** The genetic identity of marine turtles has been characterised. The research results are described, particularly any findings that might have region-wide implications.

**0.75=**

**0.50=** The genetic identity of marine turtles has been characterised; partial details are provided regarding the results of this research.

**0.25=** The genetic identity of marine turtle populations in the country has not been characterised, but DNA samples are being collected for that purpose.

**0.00=** The genetic identity of marine turtle populations in the country has not been characterised, it is not known if it has been characterised, or no information is provided.

**3.1.4 What studies have been / are being used to identify migration routes? Use the text boxes to provide additional details.**

**1.00=** Most, if not all, of the methods of investigation have been or are being used to identify migration routes. A full description is given of the nature and outcomes of these studies, including plans for further work. The studies have demonstrably contributed to the identification of migration routes.

**0.75=** At least two of the methods of investigation have been or are being used to identify migration routes. A partial description is given of the nature and outcomes of these studies, but certain details are missing or their efficacy is not clearly demonstrated.

**0.50=** At least one method of investigation has been or is being used to identify migration routes; a partial description is given of the nature and outcomes of these studies.

**0.25=** At least one method of investigation has been or is being used to identify migration routes; very little or no additional information is given.

**0.00=** No studies have been undertaken to identify migration routes or no information is provided.

**3.1.5 Have studies been carried out on marine turtle population dynamics and survival rates (e.g. including studies into the survival rates of incidentally caught and released turtles)?**

**1.00=** Studies have been carried out on marine turtle population dynamics and survival rates; details are given of the nature and results of this research (including references to published/unpublished reports).

**0.75=**

**0.50=** Some studies have been carried out on marine turtle population dynamics and survival rates; a partial description is given of the nature and results of this research.

**0.25=**

**0.00=** Studies have not been carried out on marine turtle population dynamics and survival rates, it is not known if studies have been carried out, or no information is provided.

**3.1.6 Has research been conducted on the frequency and pathology of diseases in marine turtles?**

**1.00=** Research has been conducted on the frequency and pathology of diseases in marine turtles; details are given of the nature and results of this research (including references to published/unpublished reports).

**0.75=**

**0.50=** Some research has been conducted on the frequency and pathology of diseases in marine turtles; a partial description is given of the nature and results of this research.

**0.25=**

**0.00=** Research has not been conducted on the frequency and pathology of diseases in marine turtles, it is not known if research has been conducted, or no information is provided.

**3.1.7 Is the use of traditional ecological knowledge in research studies being promoted?**

**1.00=** The use of traditional ecological knowledge in research studies is being promoted. A full account is given of the actions undertaken, reports produced, and any sharing of knowledge in this area with other States. OR: Not applicable (i.e. no traditional ecological knowledge is available)

**0.75=**

**0.50=** The use of traditional ecological knowledge in research studies is being promoted. Partial information is given of the actions undertaken, reports produced, and any sharing of knowledge in this area with other States.

**0.25=**

**0.00=** The use of traditional ecological knowledge in research studies is not being promoted, it is not known if use of traditional knowledge is being promoted, or no information is provided.

**3.2.1 List any regional or sub-regional action plans in which your country is participating, that identify priority research and monitoring needs.**

**1.00=** The country is participating in other regional or sub-regional action plans/arrangements, in which priority research and monitoring needs are identified, and these are clearly named and briefly described.

**0.75=**

**0.50=** The country is participating in other regional or sub-regional action plans/arrangements. A partial description is given of their nature.

**0.25=**

**0.00=** The country is not participating in any other regional or sub-regional action plans/arrangements, or no information is provided.

**3.2.2 On which of the following themes have collaborative studies and monitoring been conducted? Give brief details for each. Leave blank if the studies/monitoring do not involve international collaboration.**

- 1.00=** International collaborative studies and monitoring have been conducted in most, if not all, of the fields of study listed. Full details are given of the collaborators and nature of each activity, including supporting references to published or unpublished reports.
- 0.75=** International collaborative studies and monitoring have been conducted in at least two of the fields of study listed. Partial details are given of the collaborators and nature of each activity.
- 0.50=** International collaborative studies and monitoring have been conducted in at least one of the fields of study listed. Partial details are given of the collaborators and nature of this activity.
- 0.25=** International collaborative studies and monitoring have been conducted in at least one of the fields of study listed, but few if any additional details are provided to assess the nature of this collaboration.
- 0.00=** No international collaborative studies or monitoring have been conducted in these fields or no information is provided.

**3.3.1 List, in order of priority, the marine turtle populations in your country in need of conservation actions, and indicate their population trends.**

- 1.00=** Marine turtle species/populations are clearly identified and are listed in order of priority for conservation action. Information on trends, including references to published studies, is given to justify the selection/prioritisation.
- 0.75=**
- 0.50=** Marine turtle species/populations are identified and are listed in order of priority for conservation action. Justification may be given for the selection/prioritisation.
- 0.25=**
- 0.00=** Marine turtle species/populations are not listed or prioritised; or no information is provided.

**3.3.2 Are research and monitoring activities, such as those described above in section 3.1, periodically reviewed and evaluated for their efficacy?**

- 1.00=** Research and monitoring activities are periodically reviewed and evaluated; details are given regarding the timing and outcomes of these reviews.
- 0.75=**
- 0.50=** Research and monitoring activities are periodically reviewed and evaluated; partial details are given of these processes.
- 0.25=**
- 0.00=** Research and monitoring activities are not periodically reviewed and evaluated, it is not known if they are periodically reviewed and evaluated, or information is not provided.

**3.3.3 Describe how research results are being applied to improve management practices and mitigation of threats (in relation to the priority populations identified in 3.3.1, among others).**

- 1.00=** Research results are being applied to improve management practices and mitigation of threats. Specific examples are given to demonstrate the practical application and value of research undertaken.
- 0.75=**
- 0.50=** Research results are being applied to improve management practices and mitigation of threats; partial information is provided to demonstrate this.
- 0.25=**
- 0.00=** It is not demonstrated that research results are being applied to improve management practices and mitigation of threats, or no information is provided.

**3.4.1 Has your country undertaken any initiatives (nationally or through collaboration with other Range States) to standardise methods and levels of data collection?**

- 1.00=** Initiatives have been undertaken to standardise methods and levels of data collection (nationally or internationally) in several areas; these are fully described and specific examples of the agreed protocols are given.
- 0.75=**
- 0.50=** Some initiatives have been undertaken to standardise methods and levels of data collection, or are in progress; these are at least partly described and examples of the agreed protocols are given.
- 0.25=**
- 0.00=** No initiatives have been undertaken to standardise methods and levels of data collection, it is not known if initiatives have been undertaken, or no information is provided.

**3.4.2 To what extent does your country exchange scientific and technical information and expertise with other Range States?**

- 1.00=** The country often (systematically) exchanges scientific and technical information and expertise.
- 0.75=**
- 0.50=** The country occasionally exchanges scientific and technical information and expertise.
- 0.25=** The country rarely exchanges scientific and technical information and expertise.
- 0.00=** The country never exchanges scientific and technical information and expertise; or no information is provided.

**3.4.3 If your country shares such information and expertise with other Range States, what mechanisms have commonly been used for this purpose? Comment on any positive benefits/outcomes achieved through these interactions.**

- 1.00=** Several mechanisms used to share information and expertise with other Range States (eg publications, meetings, presentations etc.) are described in detail; the positive outcomes of this interaction are described.
- 0.75=** Several mechanisms used to share information and expertise with other Range States (eg publications, meetings, presentations etc.) are listed and partly described.
- 0.50=** Several mechanisms used to share information and expertise with other Range States (eg publications, meetings, presentations etc.) are listed, but not described.
- 0.25=** One or two mechanisms used to share information and expertise with other Range States are listed, but not described.
- 0.00=** No information is provided.

**3.4.4 Does your country compile data on marine turtle populations of a regional interest?**

- 1.00=** Data are compiled on marine turtle populations of a regional interest. Specific, detailed examples are given of several systems in place (eg databases, mapping systems, tag information etc), with mention of their practical application and potential value/relevance to other States.
- 0.75=** Data are compiled on marine turtle populations of a regional interest; and several of the systems in place are listed and their practical application partly described.
- 0.50=** Data are compiled on marine turtle populations of a regional interest; and some of the systems in place are listed, but incompletely described.
- 0.25=** Data are compiled on marine turtle populations of a regional interest; but only few or no details are given of the systems in place.
- 0.00=** Data are not compiled on marine turtle populations of a regional interest, it is not known if data are compiled or no information is provided.

#### **4.1.1 Describe the educational materials, including mass media information programmes, which your country has collected, developed and/or disseminated.**

- 1.00=** Comprehensive educational programmes and materials have been developed and are fully described. Their efficacy has been evaluated and is commented on. The potential for adapting these materials for use elsewhere is mentioned. Additional needs and plans in this area are outlined.
- 0.75=** A wide range of educational programmes and materials have been developed and are described in some detail. The efficacy of these materials and their potential for adaptation for use elsewhere may be mentioned. Additional needs and plans in this area are outlined.
- 0.50=** A range of educational programmes and materials have been developed and are listed. Little or no mention is made of their efficacy, potential for adaptation, or additional needs and plans in this area.
- 0.25=** A few educational programmes and materials are listed only, with little or no additional information provided.
- 0.00=** No information is provided.

#### **4.1.2 Which of the following groups have been the targets of these focused education and awareness programmes described in above in section 4.1.1?**

- 1.00=** Most, if not all, of the groups have been the target of education and awareness programmes. Further details are given of specific interventions made, including mention of noteworthy successes. Needs and plans for more targeted interventions are outlined.
- 0.75=** At least 4 groups have been the target of education and awareness programmes. Further details are given of a few specific interventions, including mention of noteworthy successes. Needs and plans for more targeted interventions may be outlined.
- 0.50=** At least 3 groups have been the target of education and awareness programmes. Few or no details are given of specific interventions, or of needs and plans for more targeted interventions.
- 0.25=** At least 1 group has been the target of education and awareness programmes. Little or no additional information is provided.
- 0.00=** No information provided or no groups have been the target of education and awareness programmes.

#### **4.1.3 Have any community learning / information centres been established?**

- 1.00=** Community learning / information centres have been established. Full details are given of their location, operation and extent of frequentation by the public.
- 0.75=** Community learning / information centres have been established. Some details are given of their location, operation and extent of frequentation by the public.
- 0.50=** Community learning / information centres have been established; only limited or no additional information is provided.
- 0.25=**
- 0.00=** No community learning / information centres have been established or no information is provided.

#### **4.2 Alternative livelihood opportunities**

- 1.00=** Initiatives have been undertaken to identify and facilitate alternative livelihoods for local communities. These are fully documented, including details of their cost, effectiveness, difficulties encountered and potential for replication elsewhere. The initiatives are reported to be broadly effective. OR: Not applicable (i.e. there are no local communities present)
- 0.75=** Some initiatives have been undertaken to identify and facilitate alternative livelihoods for local communities. These are partially documented (in terms of cost, effectiveness, difficulties encountered etc). The activities are reported to be at least partly effective.
- 0.50=** Some initiatives have been undertaken to identify and facilitate alternative livelihoods for local communities. Details are only partially reported.
- 0.25=** Some initiatives have been undertaken to identify and facilitate alternative livelihoods for local communities, but little or no additional information is provided.
- 0.00=** None or no information is provided.

#### **4.3.1 Describe initiatives undertaken by your country to involve stakeholders and local communities, in particular, in the planning and implementation of marine turtle conservation programmes**

- 1.00=** Initiatives have been undertaken to involve stakeholders and local communities in planning and implementation. These are fully documented, including details of challenges faced, effectiveness, and potential for replication elsewhere. The initiatives are reported to be broadly effective.
- 0.75=** Initiatives have been undertaken to involve stakeholders and local communities in planning and implementation. These are partly documented, including some details of challenges faced, effectiveness, and potential for replication elsewhere. The initiatives are reported to be at least partly effective.
- 0.50=** Some initiatives have been undertaken to involve stakeholders and local communities in planning and implementation. Their cost, effectiveness and any difficulties encountered are partially reported.
- 0.25=** Some initiatives have been undertaken to involve stakeholders and local communities in planning and implementation, but no additional information is provided.
- 0.00=** No information is provided.

#### **4.3.2 Describe what incentives have been used to encourage public participation and indicate their efficacy.**

- 1.00=** A wide range of incentives have been used to encourage public participation. These are fully documented, including details of their cost, effectiveness, difficulties encountered and potential for use or adaptation/replication elsewhere. The initiatives are reported to be broadly effective.
- 0.75=** A range of incentives have been used to encourage public participation. These are partly documented (in terms of cost, effectiveness, difficulties encountered etc). The incentives are reported to be at least partly effective.
- 0.50=** A few incentives have been used to encourage public participation. Their cost, effectiveness and any difficulties encountered are partially reported.
- 0.25=** At least one incentive has been used to encourage public participation, but little or no additional information is provided.
- 0.00=** None or no information is provided.

#### **4.3.3 Describe initiatives undertaken to involve and encourage the cooperation of Government institutions, NGOs and the private sector in marine turtle conservation programmes.**

- 1.00=** Initiatives have been undertaken to involve Government, NGOs and the private sector in turtle conservation. These are fully documented, including details of their cost, effectiveness, difficulties encountered and potential for replication elsewhere. The initiatives are reported to be broadly effective.
- 0.75=** Initiatives have been undertaken to involve Government, NGOs and the private sector in turtle conservation. These are partly documented (in terms of cost, effectiveness, difficulties encountered etc). The incentives are reported to be at least partly effective.
- 0.50=** Initiatives have been undertaken to involve Government, NGOs and the private sector in turtle conservation. Their cost, effectiveness and any difficulties encountered are partially reported.
- 0.25=** Initiatives have been undertaken to involve Government, NGOs and the private sector in turtle conservation, but no additional information is provided.
- 0.00=** No information is provided.

#### **5.1.1 Has your country undertaken a national review of its compliance with Convention on International Trade in Endangered Species (CITES) obligations in relation to marine turtles?**

- 1.00=** A national review of compliance with CITES obligations has been undertaken. Details are provided regarding the nature and outcomes of the review, referring where appropriate to any published reports prepared for CITES purposes. OR: Not applicable (country is not a Party to CITES)
- 0.75=**
- 0.50=** A national review of compliance with CITES obligations has been undertaken; but limited or no details are provided. OR: Not applicable (country is not a Party to CITES)
- 0.25=** A national review of compliance with CITES obligations has not been undertaken; but mitigating circumstances or future intentions are detailed.
- 0.00=** A national review of compliance with CITES obligations has not been undertaken; or no information is provided.

**5.1.2 Does your country have, or participate/cooperate in, CITES training programmes for relevant authorities?**

- 1.00=** The country has, or participates/cooperates in, CITES training programmes. Details are provided regarding their nature, referring where appropriate to any published reports prepared for CITES purposes.
- 0.75=**
- 0.50=** The country has, or participates/cooperates, in CITES training programmes; but limited or no details are provided. OR: Not applicable (country is not a Party to CITES)
- 0.25=**
- 0.00=** The country does not have, or does not participate/cooperate in, CITES training programmes; or no information is provided.

**5.1.3 Does your country have in place mechanisms to identify international illegal trade routes (for marine turtle products etc.) and to cooperate with other States to prevent/deter/eliminate illegal trade?**

- 1.00=** Mechanisms to identify international illegal trade routes and cooperate with other States are in place. Their effectiveness and any difficulties encountered are detailed with specific examples, and references are given to published reports. The mechanisms are reported to be broadly effective.
- 0.75=** Mechanisms to identify international illegal trade routes and cooperate with other States are in place. Some mention is made of effectiveness and any difficulties encountered. The mechanisms are reported to be at least partly effective.
- 0.50=** Mechanisms to identify international illegal trade routes and cooperate with other States are in place; their effectiveness and any difficulties encountered are partially reported.
- 0.25=** Mechanisms to identify international illegal trade routes and cooperate with other States are reported to be in place, however no further details are provided.
- 0.00=** Mechanisms to identify international illegal trade routes and cooperate with other States are not in place, it is unknown if they are in place, or no information is provided.

**5.1.4 Which international compliance and trade issues has your country raised for discussion (e.g. through the MoU Secretariat, at meetings of Signatory States etc.)?**

- 1.00=** International compliance and trade issues raised for discussion are described, giving the context and the outcomes of these discussions.
- 0.75=**
- 0.50=** Some international compliance and trade issues raised for discussion are listed; but limited or no further details are provided; OR: No international compliance and trade issues have been raised for discussion, and an explanation is given.
- 0.25=**
- 0.00=** No information is provided.

**5.1.5 Describe measures in place to prevent, deter and eliminate domestic illegal trade in marine turtle products.**

- 1.00=** Measures are in place to prevent, deter and eliminate domestic illegal trade, and they are fully described. Their effectiveness and any difficulties encountered or additional needs are detailed. The measures are reported to be broadly effective.
- 0.75=** Measures are in place to prevent, deter and eliminate domestic illegal trade, and they are partly described. Some mention is made of their effectiveness and any difficulties encountered or additional needs in this area are detailed. The measures are reported to be at least partly effective.
- 0.50=** Measures are in place to prevent, deter and eliminate domestic illegal trade; their effectiveness, any difficulties encountered, or additional needs in this area are partially reported.
- 0.25=** Measures are reported to be in place to prevent, deter and eliminate domestic illegal trade; however no further details are provided.
- 0.00=** No measures are in place to prevent, deter and eliminate domestic illegal trade, it is unknown if any are in place, or no information is provided.



**5.2.1 Has your country developed a set of key management measures that have been or could be used as a basis for more specific action plans at a national level?**

**1.00=** A national action plan, including key management measures, has already been developed. General information about the plan is given. The plan is subject to regular review.

**0.75=**

**0.50=** A set of key management measures that could serve as a basis for a (future) national action plan has been developed. The measures are outlined, and the process leading to the development of a national action plan is described.

**0.25=** A set of key management measures that could serve as a basis for a (future) national action plan has been developed. Limited or no details are provided.

**0.00=** A set of key management measures that could be used for national action plans have not yet been developed, it is not known if they have been developed, or no information is provided.

**5.2.2 Please tick the boxes at left to indicate those local management issues for which you consider international cooperation is needed to achieve progress; then rate the extent to which you consider international cooperation is necessary.**

**1.00=** Indication is given of one or more local management issues requiring international cooperation to achieve progress - thus helping to prioritise region-wide actions. The extent to which `international cooperation is considered necessary` is rated completely.

**0.75=**

**0.50=** Indication is given of one or more local management issues requiring international cooperation to achieve progress. The extent to which `international cooperation is considered necessary` is rated incompletely.

**0.25=** Indication is given of one or more local management issues requiring international cooperation to achieve progress. The extent to which `international cooperation is considered necessary` is not rated.

**0.00=** No information is provided.

**5.3.1 Identify existing frameworks/organisations that are, or could be, useful mechanisms for cooperating in marine turtle conservation at the sub-regional level.**

**1.00=** Existing frameworks/organisations for enhancing cooperation are noted; and their strengths and capacity for sub-regional coordination are described. Country efforts made to enhance the role of these instruments is described.

**0.75=**

**0.50=** Existing frameworks/organisations for enhancing cooperation are noted. Partial mention is made of their strengths and capacity for sub-regional coordination; and efforts to enhance their role.

**0.25=** Existing frameworks/organisations for enhancing cooperation are listed only; limited or no further details are provided.

**0.00=** Existing frameworks/organisations for enhancing cooperation are not identified; or no information is provided.

**5.3.2 Has your country developed, or is it participating in, any networks for cooperative management of shared populations?**

**1.00=** The country has developed or is participated in networks for cooperative management of shared populations. Some details are given of the actions undertaken and outcomes achieved.

**0.75=**

**0.50=** The country has developed or is participated in networks for cooperative management of shared populations. Limited or no details are given of the actions undertaken or outcomes achieved.

**0.25=**

**0.00=** The country has not developed and is not participating in networks for cooperative management of shared populations; it is not known if this has occurred; or no information is provided.

### **5.3.3 What steps has your country taken to encourage Regional Fishery Bodies (RFBs) to adopt marine turtle conservation measures within Exclusive Economic Zones (EEZs) and on the high seas?**

- 1.00=** Steps have been taken overly to encourage RFBs to adopt marine turtle conservation measures. These are fully described; and the results of the interventions are reported to be broadly effective.
- 0.75=** Some steps have been taken to encourage RFBs to adopt marine turtle conservation measures. These are at least partly described; and the results of the interventions are reported to be at least partly effective.
- 0.50=** Some steps have been taken to encourage RFBs to adopt marine turtle conservation measures. These are incompletely described; and/or their effectiveness is incompletely reported.
- 0.25=**
- 0.00=** No steps have been taken to encourage RFBs to adopt marine turtle conservation measures; or no information is provided.

### **5.4.1 Describe your country's needs, in terms of human resources, knowledge and facilities, in order to build capacity to strengthen marine turtle conservation measures.**

- 1.00=** Country's needs (in terms of additional human resources, training and facilities etc.) are thoroughly documented; and the implications of these needs for the country's marine turtle conservation programme are fully described.
- 0.75=** Country's needs (in terms of additional human resources, training and facilities etc.) are documented; the implications of these needs for the country's marine turtle conservation programme are partly described.
- 0.50=** Country's needs (in terms of additional human resources, training and facilities etc.) are listed only, without detailed explanation.
- 0.25=**
- 0.00=** Country's needs (in terms of additional human resources, training and facilities etc.) are not described; or no information is provided.

### **5.4.2 Describe any training provided in marine turtle conservation and management techniques (e.g. workshops held, training manuals produced etc.)**

- 1.00=** Training is provided widely in marine turtle conservation and management techniques. The activities, methods and outcomes are fully described; as are future plans in this area. The training is reported to have been well-coordinated and broadly effective.
- 0.75=** Training is provided in marine turtle conservation and management techniques. The activities, methods and outcomes are partly described; as are future plans in this area. The training is reported to have been at least partly effective, with some coordination attempted.
- 0.50=** Training is provided in marine turtle conservation and management techniques. Details of the training, its effectiveness, and the extent of national/regional coordination are partly reported.
- 0.25=** Limited training is provided in marine turtle conservation and management techniques. Few or no details are provided.
- 0.00=** Training has not been provided in marine turtle conservation and management techniques; or no information is provided.

### **5.4.3 In relation to capacity-building, describe any partnerships developed with universities, research institutions, training bodies and other relevant organisations.**

- 1.00=** Effective partnerships have been forged with universities, research institutions, training bodies etc. These innovative approaches are described in sufficient detail to assess whether they may serve as models of best practice, with potential for replication elsewhere.
- 0.75=** Some partnerships with universities, research institutions, training bodies etc. are listed. The approaches are described, but not in sufficient detail to assess whether they may serve as models of best practice, with potential for replication elsewhere.
- 0.50=** Some partnerships with universities, research institutions, training bodies etc. are mentioned, but little or no information is provided.
- 0.25=**
- 0.00=** No partnerships have been forged with universities, research institutions, training bodies etc.; or no information is provided.

**5.5.1 Describe the effectiveness of national policies and laws concerning the conservation of marine turtles and their habitats, in terms of their practical application and enforcement.**

- 1.00=** The practical application and enforcement of national policies and laws (described elsewhere, e.g. under section 1.5.1), is described in detail, including any difficulties encountered. The policies and laws are reported to be broadly effective.
- 0.75=** The practical application and enforcement of national policies and laws (described elsewhere, e.g. under section 1.5.1) is partially described. Good progress has been made towards implementation of the policies and laws, with some aspects still under development.
- 0.50=** The practical application and enforcement of national policies and laws (described elsewhere, e.g. under section 1.5.1) is partially described. Insufficient information is provided to assess the extent of progress made towards implementation of the policies and laws.
- 0.25=** Little information is given as to the practical application and enforcement of national policies and laws, including any difficulties encountered.
- 0.00=** No information is provided.

**5.5.2 Has your country conducted a review of policies and laws to address any gaps, inconsistencies or impediments in relation to marine turtle conservation? If not, indicate any obstacles encountered in this regard and when this review is expected to be done.**

- 1.00=** A review of policies and laws in relation to marine turtle conservation has been conducted; its nature and outcomes are described in detail; and any obstacles encountered are mentioned.
- 0.75=**
- 0.50=** A review of policies and laws in relation to marine turtle conservation has been or is being conducted; its nature, the outcomes and any obstacles encountered are partially described.
- 0.25=** A review of policies and laws in relation to marine turtle conservation has been conducted; however no details are provided.
- 0.00=** A review of policies and laws in relation to marine turtle conservation has not been conducted; it is unknown whether a review has been conducted; or no information is provided.

**5.5.3 From the standpoint of law enforcement, has your country experienced any difficulties receiving cooperation to ensure compatible application of laws across and between jurisdictions?**

- 1.00=** The nature of any difficulties experienced regarding cooperation to ensure compatible application of laws is described in detail. OR: No difficulties have been experienced regarding cooperation to ensure compatible application of laws, and the reasons for this favourable situation are described.
- 0.75=**
- 0.50=** Difficulties experienced regarding cooperation to ensure compatible application of laws are noted or listed without further explanation. OR: No difficulties have been experienced regarding cooperation to ensure compatible application of laws; no explanation is given to account for this favourable situation.
- 0.25=**
- 0.00=** It is not known if difficulties have been experienced regarding cooperation to ensure compatible application of laws; or no information is provided.

**6.1.1 What has your country done to encourage other States to sign the IOSEA MoU?**

- 1.00=** Active approaches have been made to other States, through a number of different methods, to encourage signature of the IOSEA MoU. The approaches made and the outcomes achieved are described.
- 0.75=**
- 0.50=** Some approaches have been made to other States, but insufficient information is provided on the nature of these approaches or of their effectiveness.
- 0.25=**
- 0.00=** No action has been taken to encourage other States to sign the IOSEA MoU, or no information is provided.

### **6.1.2 Is your country currently favourable to amending the MoU to make it a legally binding instrument?**

- 1.00=** Country has indicated whether or not it is currently favourable to amending the MoU to make it a legally-binding instrument (or that it has no view on the matter).
- 0.75=**
- 0.50=**
- 0.25=**
- 0.00=** No information is provided.

### **6.1.3 Would your country be favourable, in a longer time horizon, to amending the MoU to make it a legally-binding instrument?**

- 1.00=** Country has indicated whether or not it is favourable, in a longer time horizon, to amending the MoU to make it a legally-binding instrument; and provides a further elaboration of its response.
- 0.75=** Country has indicated whether or not it is favourable, in a longer time horizon, to amending the MoU to make it a legally-binding instrument (or that it has no view on the matter). No further elaboration is given.
- 0.50=**
- 0.25=**
- 0.00=** No information is provided.

### **6.2 What efforts has your country made, or can it make, to secure funding to support the core operations of the IOSEA MoU (Secretariat and Advisory Committee, and related activities)?**

- 1.00=** Country has actively supported the core operations of the IOSEA MoU, through regular financial and/or in-kind contributions. These initiatives are described in detail.
- 0.75=** Country has actively supported the core operations of the IOSEA MoU, through regular financial and/or in-kind contributions. These initiatives are partly described.
- 0.50=** Mitigating circumstances preventing direct financial support for the core MoU operations is explained. Other efforts to attract support for the core operations of the IOSEA MoU through indirect means, such as lobbying funding agencies or other governments, are described.
- 0.25=**
- 0.00=** No efforts have been made to support the core operations of the IOSEA MoU; or no information is provided.

### **6.3.1 What funding has your country mobilised for domestic implementation of marine turtle conservation activities related to the IOSEA Marine Turtle MoU?**

- 1.00=** Funding has been mobilised for domestic implementation of marine turtle conservation activities related to the IOSEA Marine Turtle MoU; the nature of the funding is described and the agencies involved are identified.
- 0.75=**
- 0.50=** Funding has been mobilised for domestic implementation of marine turtle conservation activities related to the IOSEA Marine Turtle MoU; and the nature of the funding is partly described.
- 0.25=** Funding has not yet been mobilised for domestic implementation of marine turtle conservation activities related to the IOSEA Marine Turtle MoU; and the mitigating circumstances are described.
- 0.00=** Funding has not been mobilised for domestic implementation of marine turtle conservation activities related to the IOSEA Marine Turtle MoU, with no further explanation given; or no information is provided.

**6.3.2 From your country's perspective, which conservation and management activities, and/or which particular sites and locations, ought to be among the highest priorities for action (list up to 10 activities from the CMP). Please specify whether these activities should be taken domestically or in partnership with other States in the region.**

**1.00=** Up to 10 activities are listed as the highest priorities for action under the MoU. Ample description is given of the nature and scope of the desired action, and the approximate timeframes within which the action needs to be taken. Some contextual explanation or justification of the rationale is given.

**0.75=**

**0.50=** Up to 10 activities are listed as the highest priorities for action under the MoU. Little or no further contextual explanation or justification of the rationale is given.

**0.25=**

**0.00=** No priorities are listed.

**6.3.3 Has your country tried to solicit funds from, or seek partnerships with, other Governments, major donor organisations, industry, private sector, foundations or NGOs for marine turtle conservation activities?**

**1.00=** Extensive efforts have been made to solicit funds or seek partnerships with a variety of stakeholders; successful and unsuccessful outcomes are described in detail.

**0.75=** Efforts have been made to solicit funds or seek partnerships with several other stakeholders; successful outcomes are described.

**0.50=** Efforts have been made to solicit funds or seek partnerships with at least one other stakeholder; successful outcomes are partially described.

**0.25=** Efforts have been made to solicit funds or seek partnerships with at least one other stakeholder; little or no information is provided in this regard.

**0.00=** No efforts have been made to solicit funds or seek partnerships with other stakeholders.

**6.3.4 Describe any initiatives made to explore the use of economic instruments for the conservation of marine turtles and their habitats.**

**1.00=** Several initiatives have been made to explore the use of economic instruments for conservation. These initiatives are fully described, including comment on their cost effectiveness.

**0.75=** Some initiatives have been made to explore the use of economic instruments for conservation. These initiatives are partially described.

**0.50=** At least one initiative has been made to explore the use of economic instruments for conservation; limited details are provided.

**0.25=**

**0.00=** No initiatives have been made to explore the use of economic instruments for conservation; or no information is provided.

**6.4.1 Has your country designated a lead agency responsible for coordinating national marine turtle conservation and management policy? If not, when is this information expected to be communicated to the IOSEA MoU Secretariat?**

**1.00=** According to the report, a lead agency has been designated to coordinate national marine turtle and conservation policy, and details of the Focal Point have been communicated to the Secretariat.

**0.75=**

**0.50=** According to the report, a lead agency is in the process of being designated, and details of the Focal Point will be communicated to the Secretariat shortly.

**0.25=** According to the report, a lead agency has been designated or is in the process of being designated; but the Secretariat has not yet been advised of the Focal Point's details.

**0.00=** According to the report, no lead agency has been designated.

**6.4.2 Are the roles and responsibilities of all government agencies related to the conservation and management of marine turtles and their habitats clearly defined?**

**1.00=** The roles and responsibilities of key government agencies related to marine turtles and their habitats are clearly defined. The main ones are briefly described.

**0.75=**

**0.50=** The roles and responsibilities of key government agencies related to marine turtles are reported to be clearly defined; but few or no details are provided of the relevant agencies.

**0.25=**

**0.00=** The roles and responsibilities of all government agencies related to marine turtles are not clearly defined, it is not known if they are clearly defined; or no information is provided.

**6.4.3 Has your country ever conducted a review of agency roles and responsibilities? If so, when, and what was the general outcome? If not, is such a review planned and when?**

**1.00=** A review of agency roles and responsibilities has been conducted. A brief description is provided of nature, timeframe and outcome of the review.

**0.75=** A review of agency roles and responsibilities has been conducted. Limited details are provided as to the nature, timeframe and and general outcome of the review.

**0.50=** A review of agency roles and responsibilities has been conducted; but no further details are provided. OR: A review has never been conducted; however an explanation is given to indicate that the necessary arrangements are not in need of review.

**0.25=**

**0.00=** No information is given; or a review of agency roles and responsibilities has never been conducted, with no further explanation given.