Use of SMART to record wildlife health information in protected areas around the world

* Indicates required question

1.   **1. Please enter all the name(s) of the protected area(s) that apply.**   *

   If there is more than one protected area(s) name(s), please separate them by
   hitting enter in the answer space below

   _____

   _____

   _____

   _____

   _____

   Please read the six statements and mark
   how you feel about them (from "**strongly disagree**" to "**strongly
   agree**").

2.   **2. Wildlife health, including infectious and non-infectious diseases, is**   *
      important to achieve the conservation goals of the protected areas where I
      work

Mark only one oval.

◯ Strongly disagree

◯ Disagree

◯ Somewhat Disagree

◯ Neutral

◯ Agree

◯ Strongly agree

3.   **3. Pathogens carried by wildlife inhabiting the protected area I work in can**   *
      affect livestock health

Mark only one oval.

◯ Strongly disagree

◯ Disagree

◯ Somewhat Disagree

◯ Neutral

◯ Agree

◯ Strongly agree

4.   **4. Pathogens carried by wildlife inhabiting the protected area I work in can   *
affect public health**

Mark only one oval.

○ Strongly disagree

○ Disagree

○ Somewhat Disagree

○ Neutral

○ Agree

○ Strongly agree

5.   **5. Human or livestock pathogens can affect wildlife populations inhabiting   *
the protected area I work in**

Mark only one oval.

○ Strongly disagree

○ Disagree

○ Somewhat Disagree

○ Neutral

○ Agree

○ Strongly agree

6.   **6. Introduced domestic animals (e.g., dogs, cats, cattle, pigs, cats) are a**   *
       concern for the conservation goals of the protected areas where I work

Mark only one oval.

⬭ Strongly disagree

⬭ Disagree

⬭ Somewhat Disagree

⬭ Neutral

⬭ Agree

⬭ Strongly agree

Please mark one of the alternatives provided to answer the
following questions based on your experience

7.   **7. Are dead wildlife encountered in the protected area?** *

Mark only one oval.

⬭ Always

⬭ Very frequently

⬭ Occasionally

⬭ Sometimes

⬭ Rarely

⬭ Very rarely

⬭ Never

8.   **8. Are sick or injured wildlife encountered in the protected area?** *

Mark only one oval.

◯ Always

◯ Very frequently

◯ Occasionally

◯ Sometimes

◯ Rarely

◯ Very rarely

◯ Never

9.   **9. Are livestock encountered in the protected area?** *

Mark only one oval.

◯ Always

◯ Very frequently

◯ Occasionally

◯ Sometimes

◯ Rarely

◯ Very rarely

◯ Never

10.   **10. How long, on average, are the patrols in the protected area?** *

Mark only one oval.

◯ Less than a day

◯ Between one to two days

◯ Between two and five days

◯ Between four days and a week

11.   **11. On average, how many patrols are completed in the protected area in   *
      one month?**

      _____

      Please respond to the following questions related to data recorded in SMART (e.g., data
      collected by ranger patrols, community members, or other users and managed in SMART)

12.   **12. Are healthy wildlife found during patrols (rangers or others) recorded as   *
      a specific category of individuals?**

      Mark only one oval.

      ( ) Yes   *Skip to question 13*

      ( ) No   *Skip to question 17*

13.   **12.a Please select one of the choices below to help us understand how   *
      healthy wildlife are recorded during a patrol:**

      Mark only one oval.

      ( ) Healthy wildlife are recorded as present/absent (the number of healthy individuals
      is not specified)

      ( ) Healthy wildlife are counted and reported as part of the full count of individuals
      belonging to an observed species (e.g. "3 total healthy animals of species X and 2 total
      healthy animals of species Y")

      ( ) Each healthy animal is recorded as an individual observation

      ( ) Healthy wildlife is recorded in another way

14. **12.b Please indicate what type of data are recorded (check all that apply)** *

Check all that apply.

☐ Photographs
☐ Species
☐ Age
☐ Sex
☐ Body condition
☐ Other

15. **12.c Are these data entered and stored in SMART Desktop?**

Mark only one oval.

⬭ All of these items are entered and stored in the corresponding SMART
Conservation Area   *Skip to question 17*

⬭ Some of these items are entered and stored in the corresponding SMART
Conservation Area   *Skip to question 17*

⬭ None of these items are recorded in the corresponding SMART Conservation Area
Skip to question 16

16. **12.c.i If none of the items are recorded in the corresponding SMART**   *
Conservation Area where are they recorded?

_____

17. **13. Are dead wildlife found during patrols recorded as a specific category of** *
individuals?

Mark only one oval.

⬭ Yes   *Skip to question 18*

⬭ No   *Skip to question 22*

18. **13.a Please select one of the choices below to help us understand how dead** *
     wildlife are recorded during a patrol:

Mark only one oval.

◯ Dead wildlife are recorded as present/absent (the number of dead individuals is not
specified)

◯ Dead wildlife are counted and reported as part of the full count of individuals
belonging to an observed species (e.g. "3 total dead animals of species X and 2 total
dead animals of species Y").

◯ Each dead animal is recorded as an individual observation

◯ Dead wildlife is recorded in another way

19. **13.b Please indicate what type of data are recorded (check all that apply)** *

Check all that apply.

☐ Photographs
☐ Species
☐ Age
☐ Sex
☐ Carcass condition
☐ Anomalies in carcass (if any)
☐ Suspect cause of death
☐ Other

20. **13.c Are these data entered and stored in SMART Desktop?** *

Mark only one oval.

◯ All of these items are entered and stored in the corresponding SMART
Conservation Area   *Skip to question 22*

◯ Some of these items are entered and stored in the corresponding SMART
Conservation Area   *Skip to question 22*

◯ None of these items are recorded in the corresponding SMART Conservation Area
Skip to question 21

21.   **13.c.i If none of the items are recorded in the corresponding SMART**   *
       Conservation Area where are they recorded?

_____

22.   **14. Are injured wildlife found during patrols recorded as a specific category**   *
       of individuals?

Mark only one oval.

◯ Yes

◯ No   _Skip to question 27_

23.   **14.a Please select one of the choices below to help us understand how**   *
       injured wildlife are recorded during a patrol:

Mark only one oval.

◯ Injured wildlife are recorded as present/absent (the number of injured individuals is
not specified)

◯ Injured wildlife are counted and reported as part of the full count of individuals
belonging to an observed species (e.g. "3 total injured animals of species X and 2 total
injured animals of species Y").

◯ Each injured animal is recorded as an individual observation

◯ Injured wildlife is recorded in another way

24.   **14.b Please indicate what type of data are recorded (check all that apply) ***

Check all that apply.

☐ Photographs

☐ Species

☐ Age

☐ Sex

☐ Anomalies/signs if any

☐ Body condition

☐ Suspect cause of injury

☐ Other

25.   **14.c Are these data entered and stored in SMART Desktop?** *

Mark only one oval.

◯ All of these items are entered and stored in the corresponding SMART
Conservation Area   *Skip to question 27*

◯ Some of these items are entered and stored in the corresponding SMART
Conservation Area   *Skip to question 27*

◯ None of these items are recorded in the corresponding SMART Conservation Area
Skip to question 26

26.   **14.c.i If none of the items are recorded in the corresponding SMART**   *
Conservation Area where are they recorded?

_____

27.   **15. Are sick wildlife found during patrols recorded as a specific category of**   *
individuals?

Mark only one oval.

◯ Yes   *Skip to question 28*

◯ No   *Skip to question 32*

28.   **15.a Please select one of the choices below to help us understand how sick**   *
wildlife are recorded during a patrol:

Mark only one oval.

◯ Sick wildlife are recorded as present/absent (the number of sick individuals is not
specified)

◯ Sick wildlife are counted and reported as part of the full count of individuals
belonging to an observed species (e.g. "3 total sick animals of species X and 2 total sick
animals of species Y").

◯ Each sick animal is recorded as an individual observation

◯ Sick wildlife is recorded in another way

29.   **15.b Please indicate what type of data are recorded (check all that apply)** *

Check all that apply.

☐ Photographs

☐ Species

☐ Age

☐ Sex

☐ Anomalies/signs if any

☐ Body condition

☐ Suspect cause of disease

☐ Other

30.   **15.c Are these data entered and stored in SMART Desktop?** *

Mark only one oval.

◯ All of these items are entered and stored in the corresponding SMART Conservation Area   *Skip to question 32*

◯ Some of these items are entered and stored in the corresponding SMART Conservation Area   *Skip to question 32*

◯ None of these items are recorded in the corresponding SMART Conservation Area
    Skip to question 31

31.   **15.c.i If none of the items are recorded in the corresponding SMART Conservation Area where are they recorded?**   *

_____

Please mark "Yes/No" to answer the following questions

32. **16. Are domestic animals found in the protected area (free-ranging, captive,** *
on a farm)?

Mark only one oval.

   ◯ Yes   *Skip to question 33*

   ◯ No   *Skip to question 37*

33. **17. If observed on a patrol, is the presence of domestic animals recorded?** *

Mark only one oval.

   ◯ Yes   *Skip to question 34*

   ◯ No   *Skip to question 37*

34. **17.a Are these data entered in SMART Desktop?** *

Mark only one oval.

   ◯ Yes

   ◯ No

35. **18. Is the health status of the observed domestic animals recorded (healthy,** *
sick or injured, dead) recorded?

Mark only one oval.

   ◯ Yes   *Skip to question 36*

   ◯ No   *Skip to question 37*

36. **18.a Are these data entered in SMART Desktop?** *

Mark only one oval.

   ◯ Yes

   ◯ No

37.   **19. Is any other data relevant to wildlife health collected during the patrols?** *

_____

_____

_____

_____

_____

38.   **20. If no data are collected on dead, sick, or injured wildlife, please select**   *
       the best explanation(s) for why this information is not collected (check all
       that apply)

Check all that apply.

☐ Dead, sick or injured wildlife are seldom found

☐ It would add too much work or time to the patrol

☐ Wildlife disease is not relevant in the protected area

☐ Lack of expertise on how to properly record this information

☐ Never thought about it

☐ We use the default SMART data model which does not include sick, dead or injured wildlife

39.   **21. What version of SMART Desktop is currently used in the protected area?** *

_____

40.   **22. Is SMART Connect available to manage and transfer information**   *
       between SMART Desktop and SMART Mobile?

Mark only one oval.

◯ Yes   *Skip to question 42*

◯ No   *Skip to question 41*

41.   **22.a Are there plans to set up SMART Connect instance and when?** *

_____

42.   **23. Is SMART fully rolled-out in the protected area(s) you work in or is it   *
       being piloted?**

Mark only one oval.

( ) Fully rolled-out

( ) Under pilot

( ) Partially rolled-out

43.   **24. Would you be interested in adding a set of categories and attributes to   *
       your data model in order to facilitate the collection of wildlife health data
       (morbidity/mortality findings and events)?**

Mark only one oval.

( ) Yes

( ) No

44.   **25. Please select the option that best describes your position** *

Mark only one oval.

( ) I am directly responsible for managing SMART data in one or more protected areas

( ) I am a general manager or administrator of one or more protected areas that uses
    SMART data

( ) Other

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