

APPENDIX A:**THE STATE OF U.S. AND FAS CORAL REEFS: 2008—NATIONAL SUMMARY****Questionnaire Instructions**

The attached questionnaire was developed to enable comparisons in resources and threats among the many jurisdictions for the National Summary Chapter of the 2008 Coral Report. We designed the PDF questionnaire to fit on a single page and to be easily fill-able using simple multiple choice pull down menus. The entire survey should take less than 1 hour to complete including time for discussion and debate when making your selections. One questionnaire for each jurisdiction is to be filled out by the writing team members and report coordinators within that jurisdiction. Scheduling a short meeting or conference call with key individuals from your jurisdiction is probably the most efficient approach.

The questionnaire is divided into two parts. The first part addresses the condition of 6 target resource metrics (e.g., live coral, reef fish) using four multiple choice questions. The first answer describes the present overall condition of each resource using the pull-down menu choices of poor, fair, good, excellent, and unknown. Please consider each resource comprehensively; for example, reef fish populations in which apex predators or other ecologically important groups were absent probably would not be rated as 'excellent' even if reef fish abundance was high. The next two questions ask you to describe the short and long-term trends in the condition of each resource. Finally, your jurisdiction's ability to monitor/assess each resource is requested, keeping in mind that the objective is to highlight resources for which additional monitoring/assessment is needed. Please also note that the final two resources, Conservation Practices/ Management Capacity and Benthic Mapping Products, should be interpreted in a slightly different context when answering the fourth question on 'ability to monitor or assess.' Think of these questions as more of a self-evaluation of monitoring capacity. For Conservation Practices/ Management Capacity, we want to know if your jurisdiction is making an effort to evaluate the efficacy of management strategies (e.g., MPAs) and actions. For Benthic Mapping Products, we are trying to gauge how well your jurisdiction is able to use the map products and tools available and apply them for research and conservation purposes.

The second part of the questionnaire addresses 10 key threats (e.g., disease, storms) that affect coral ecosystems. For each threat, we ask that you answer four multiple choice questions, which will help determine the level of threat: low, medium, high, absent, or unknown. Threats should be considered relative to each other so the results clearly indicate which threats have the highest level of impact. The first question addresses the overall threat to the jurisdiction (defined as all parts of the jurisdiction, regardless of human settlement patterns or management distinctions). The next two questions address the temporal trend in those threats at two time scales; 1) since the last Coral Report in 2005 and 2) over the last 10-25 years. Choices for these questions are: increasing, about the same, decreasing, not applicable, and unknown. The last question addresses your jurisdiction's capacity to monitor or assess each threat, not necessarily the impact of the threat on resources. The purpose of this last question is not to be critical of current efforts, but to evaluate, on a national level, our collective ability to understand and monitor key threats based on present funding and effort allocation.

Please keep in mind the following as you complete the questionnaire:

Think Comprehensively: We recognize that threat levels and conditions vary within and among islands or regions within a given jurisdiction, and that these differences are elucidated in the individual chapters. We ask that you answer the questionnaire to summarize the threat or resource across the entire jurisdiction.

No single jurisdiction or response to any element of this questionnaire will be dissected or discussed in detail. Your responses will be compiled and summarized with those from all the jurisdictions to obtain a broad national level perspective on threats and resources.

Resource / Other	The overall condition of _____ in my jurisdiction is...	Since the last Coral Report the trend in the condition of _____ is...	The long-term (10- 25 yrs) trend in the condition of _____ is...	The jurisdictions ability to monitor and/or assess _____ is...
Water Quality	Poor Fair Good Excellent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Living Coral Cover	Poor Fair Good Excellent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Reef Fish Populations	Poor Fair Good Excellent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Harvested Reef Fish and Macroinvertebrates	Poor Fair Good Excellent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Conservation Practices and Management Capacity	Poor Fair Good Excellent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Benthic Mapping Products	Poor Fair Good Excellent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown

Threats	The present level of this threat to the jurisdiction is...	Since the last Coral Report the trend in this threat is...	The long-term (10-25 yrs) trend in this threat is...	The jurisdictions ability to monitor and/or assess this threat is...
Coral Bleaching	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Coral Disease	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Tropical Storms	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Coastal Development	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Tourism and Recreation	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Commercial Fishing	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Subsistence and Recreational Fishing	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Vessel Damage	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Marine Debris	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown
Aquatic Invasive Species	Low Medium High Absent Unknown	Increasing About the same Decreasing Not Applicable Unknown	Increasing About the same Decreasing Not Applicable Unknown	Poor Fair Good Excellent Unknown