



SEA PORT®

Sustainability Assessment

SCAD

Although Scad (*Decapterus spp.*) is one of the most important fisheries in the Philippines (the sole country where Scad is sourced by Sea Port), there is a lack of direct knowledge of the life history and ecological role of Scad species found in the Philippine, Sulu, and Celebes Seas. This, coupled with a lack of formal stock assessments, makes ensuring the long-term health of the resource difficult. Scad sourced from the Philippines likely has similar life history characteristics to other scad species that are moderately resilient to fishing pressure, such as fast growth and production of a large number of offspring. However, as far back as 1989 there has been evidence that Philippine Scad resources are depleted due to overfishing. This may also be in part due to a lack of enforcement in the fishery stemming from a lack of resources (patrol vessels, manpower, etc.).

In the Philippines, Scad are caught with purse seines, a fishing method in which a large net is used to encircle a school of fish and is then "pursed up" at the bottom. The use of fish aggregating devices (FADs), artificial floating objects placed in the ocean to attract fish for harvesting, exacerbate problems with bycatch and catch of undersized (immature) Scad. This can have a negative impact on Scad stocks, as fish are removed from the population before they have a chance to reproduce. Recent studies have shown that non-FAD purse seine fishing, combined with catch controls, can be beneficial for maintaining tuna stocks - this would likely be the case for species such as Scad as well, particularly given their presumed favorable life history characteristics.

GO BLUE! SEAFOOD SUSTAINABILITY SPECTRUM

SCAD



ENVIRONMENTAL IMPACT LEVEL: MODERATE TO HIGH

Lack of knowledge of the ecological role of Scad as well as the absence of effective management is leading to overfishing and depleted populations. The use of FADs is also potentially problematic, as there are often problems with bycatch and catch of undersized fish in FAD fisheries.

SUSTAINABILITY IMPROVEMENTS NEEDED

Improved data collection and implementation of specific fisheries management regulations (for example: quotas, gear restrictions) are needed. Encouraging the use of non-FAD fishing techniques would decrease bycatch and catch of undersized fish.

ACTIONS THAT SEA PORT IS UNDERTAKING

Sea Port is requiring that their suppliers provide fishing vessel identification (when available), catch methodology, and catch area information. In doing so, Sea Port hopes to encourage the Scad fishery to collect additional critical catch and resource data where none currently exist. This increased availability of data will allow for fishery management schemes to be established or improved upon to assure the sustainability of the Scad fishery. Sea Port believes that, in aggregate, choosing from a diverse variety of seafood is better for sustaining the world's seafood resources and Scad should be a part of this variety.

We created the sustainability assessments for each of our seafood items in order to reveal the existing and potential environmental impacts and risks that are associated with producing them for human consumption. This allowed us to establish the starting position for each of our seafood items along our progressive Go Blue Seafood Sustainability Spectrum. These assessments are only a single snapshot in time and because of this, we will continue to assess and update the critical sustainability needs associated with our supply sources and issue updates to the Go Blue Seafood Sustainability Spectrum as needed. There is a growing global awareness for the need to assure the sustainability of farmed and wild caught seafood and because of this; all around the world positive changes are rapidly occurring at all levels of the seafood supply chain. We will continue to spread this growing awareness and work with our many industry partners to improve the sustainability of all seafood, which we believe is the ideal protein of choice to feed an ever growing world population. Our Go Blue Seafood Sustainability Spectrum serves as our compass and yardstick as we strive to move all our products forward to becoming more sustainable. Please join us in this committed quest and Catch Our Wave® to sustainability by choosing a diverse variety of responsibly produced seafood as part of your diet.

Go Blue! Plate

Choose My Seafood for Sustainability

Frequency	Seafood Items
2x/week	Shrimp, Scallops, Mussels, Salmon, Striped Pangasius, Seaweed, Tilapia, Milkfish
1x/week	Crayfish, Crab, Langostino, Hoki, Squid, Pollock, Yellowfin Tuna, Marinara Seafood Mix, Catfish
1x/every other week	Flying Fish Roe, Holland Dover, Sole, Barramundi, swordfish, Golden Pompano
1x/month	Mahi Mahi, SCAD, Wahoo, Red Cod, Chilean Sea Bass, Octopus, Lobster, Orange Roughy

Eel, Largemouth Bass, Striped Bass, Frog Legs, Jellyfish, Escobar, Kingfish, Opakapaka, Snapper