

Blue lines indicate the area meeting the ISRA Criteria; dashed lines indicate the suggested buffer for use in the development of appropriate place-based conservation measures

FAKFAK ISRA

Asia Region

SUMMARY

Fakfak is located in West Papua, eastern Indonesia. The area includes numerous small islands and is characterised by fringing coral reefs, seagrass beds, mangrove-lined bays, and offshore patch reefs. The area overlaps with three marine protected areas: KKPD Teluk Berau, KKPD Nusalasi, and Teluk Van Den Bosch. Within the area there are: **threatened species** and **range-restricted species** (Henry's Epaulette Shark *Hemiscyllium henryi*).

CRITERIA

Criterion A - Vulnerability; Criterion B - Range Restricted

— —
INDONESIA

— —
0-30 metres

— —
1,286.7 km²





DESCRIPTION OF HABITAT

Fakfak is located in West Papua province, eastern Indonesia. This area sits within the Coral Triangle and the Bird's Head Seascape which are known to have exceptionally high marine biodiversity (Veron et al. 2009; Mangubhai et al. 2012). The area includes a rugged coastline with numerous small islands, fringing coral reefs, seagrass beds, mangrove-lined bays, and offshore patch reefs (Allen & Erdmann 2008).

The area is mainly influenced by monsoon seasons. The northwest monsoon occurring from November to April is characterised by warm sea surface temperatures. In contrast, the southeast monsoon (May–October) is characterised by cooler temperatures and strong and continuous southeast winds that produce upwelling, resulting in an increase of primary productivity in coastal areas (Mangubhai et al. 2012).

The area overlaps with three marine protected areas: KKPD Teluk Berau, KKPD Nusalasi, and Teluk Van Den Bosch marine protected areas.

This Important Shark and Ray Area is benthic and is delineated from inshore and surface waters (0 m) to 30 m based on the depth range of the Qualifying Species in the area.

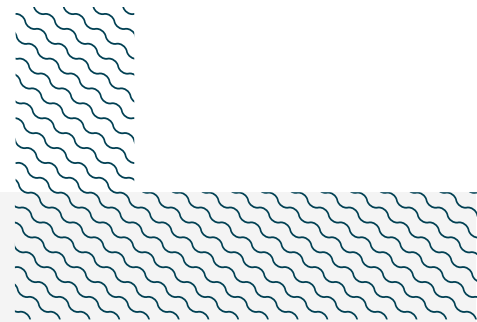
ISRA CRITERIA

CRITERION A – VULNERABILITY

One Qualifying Species considered threatened with extinction according to the IUCN Red List of Threatened Species regularly occur in the area. This is the Vulnerable Henry's Epaulette Shark (VanderWright et al. 2021).

CRITERION B – RANGE RESTRICTED

This area holds the regular presence of Henry's Epaulette Shark as a resident range-restricted species. This species occurs year-round in the area and is regularly encountered during diving activities, notably dive liveboards visiting the area. It has been recorded year-round from 17 dive sites in the area since 2008 and from individuals sampled for taxonomic studies and during underwater visual census (Allen et al. 2016; Dudgeon et al. 2020; MV Erdmann unpubl. data. 2023). This species is endemic to the Kaimana and Fakfak coasts of West Papua (Allen et al. 2016, Dudgeon et al. 2020) with both sites being where the largest number of individuals have been recorded. Henry's Epaulette Shark has an extremely limited Area of Occupancy (AOO) of <1,500 km², most of which is distributed in the area (Vanderwright et al. 2021).



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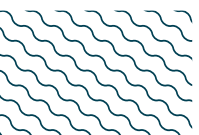
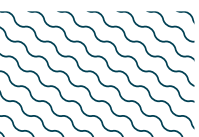
QUALIFYING SPECIES

Scientific Name	Common Name	IUCN Red List Category	Global Depth Range (m)	ISRA Criteria/Sub-criteria Met									
				A	B	C1	C2	C3	C4	C5	D1	D2	
SHARKS													
<i>Hemiscyllium henryi</i>	Henry's Epaulette Shark	VU	0-30	X	X								

SUPPORTING SPECIES

Scientific Name	Common Name	IUCN Red List Category
SHARKS		
<i>Carcharhinus albimarginatus</i>	Silvertip Shark	VU
<i>Carcharhinus amblyrhynchos</i>	Grey Reef Shark	EN
<i>Carcharhinus limbatus</i>	Blacktip Shark	VU
<i>Carcharhinus melanopterus</i>	Blacktip Reef Shark	VU
<i>Eucrossorhinus dasypogon</i>	Tasselled Wobbegong	LC
<i>Nebrius ferrugineus</i>	Tawny Nurse Shark	VU
<i>Rhincodon typus</i>	Whale Shark	EN
<i>Sphyrna lewini</i>	Scalloped Hammerhead	CR
<i>Sphyrna mokarran</i>	Great Hammerhead	CR
<i>Triacnodon obesus</i>	Whitetip Reef Shark	VU
RAYS		
<i>Aetobatus ocellatus</i>	Spotted Eagle Ray	EN
<i>Glaucostegus typus</i>	Giant Guitarfish	CR
<i>Himantura uarnak</i>	Coach Whipray	EN
<i>Mobula alfredi</i>	Reef Manta Ray	VU
<i>Mobula birostris</i>	Oceanic Manta Ray	EN
<i>Pastinachus ater</i>	Broad Cowtail Ray	VU
<i>Rhynchobatus australiae</i>	Bottlenose Wedgefish	CR
<i>Taeniura lymma</i>	Bluespotted Lagoon Ray	LC
<i>Taeniurops meyeri</i>	Blotched Fantail Ray	VU
<i>Urogymnus asperrimus</i>	Porcupine Ray	EN
<i>Urogymnus granulatus</i>	Mangrove Whipray	EN

IUCN Red List of Threatened Species Categories are available by searching species names at www.iucnredlist.org Abbreviations refer to: CR, Critically Endangered; EN, Endangered; VU, Vulnerable; NT, Near Threatened; LC, Least Concern; DD, Data Deficient.





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