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**Status and changing patterns on coral reefs in Thailand during the last two decades**

... Furthermore, besides coral bleaching reported in Thailand (e.g., [Phongsuwan et al., 2013](#); [Chavanich et al., 2022](#)), plastic pollution can threaten the coral ecosystem, affecting their physical, toxicological, and trophic conditions. For example, plastics covering coral surfaces increase the possibility of disease (Lamb et al., 2018). ...


**Influence of monsoon seasonality and tidal cycle on microplastics presence and distribution in the Upper Gu...**

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... This is a high irradiance compared to the irradiance under which the cells were grown (c. 50  $\mu\text{mol photon m}^{-2} \text{s}^{-1}$ ) but is similar to the conditions under which the *Sarcophyton* was grown in an aquaculture aquarium setup

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**Status and changing patterns on coral reefs in Thailand during the last two decades**

... Similar comparisons can be made considering the substrate cover of other sites (e.g. Yeemin et al. 2009, Phongsuwan et al. 2013, Sutthacheep et al. 2019. Considering the young nature and similar geological formation of coral reefs in the GoT, it is unsurprising that these formations will bear similarities which are then translated into the reef fish assemblages studied here; however, our results demonstrate the strength of abiotic environmental drivers in reef fish diversity patterns of the gulf. ...

**Biogeographic and environmental drivers of reef fish diversity in coastal islands of the Gulf of Thailand**


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... Interestingly, while the increase in hard coral cover in the present study was mainly driven by plate-like coral species, in other regions like the GBR (AIMS, 2022), Seychelles (Robinson, Wilson & Graham, 2019), and Moorea (Holbrook et al., 2018) the observed increase was attributed to the increase in branching corals like the genus Acropora and Pocillopora. Phongsuwan et al. (2013) reported significant losses of coral cover in the Andaman Sea and the Gulf of Thailand due to the 2010 bleaching event, compared to coral cover over previous years dating back to 1988. Coral cover of most of the reefs in the middle and northern Gulf of Thailand decreased below 25%. ...

**Recent and rapid reef recovery around Koh Phangan Island, Gulf of Thailand, driven by plate-like hard corals**

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 Florian Stahl ·  Selma Mezger ·  Valentina Migani · [...] ·  Christian Wild

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... Over the past two decades, coral reefs worldwide are continuously degraded and bleaching is one of the phenomena that contribute to coral