

ESSAY OMN GREAT BARRIER REEF

Table of Contents

Introduction..... 2

Discussion..... 2

Conclusion 3

References..... 4

Introduction

The Great Barrier Reef is situated on the eastern coast of Queensland. The coral reef is the earth's vastest single structure, which is made of the coral polyps; and could be seen openly; hence this is one of the most attracting features (Ainsworth, 2016). The essay will portray the diverse aspects associated with the Great Barrier Reef along with the origination, current status and structure of the same.

Discussion

The Great Barrier Reef formed during the release of a burst of larva from the pre-existing reefs into the water. Gradually, the larva formed a hard surface like the submerged rocks (Hughes, Day, & Brodie, 2015). During the development of the coral, the reef structures like barrier, atoll and fringing were formed. However, the formation of the Great Barrier Reef is a biologic and geologic process of 20 million years (Morrison, 2017). The Great Barrier Reef is still present in the place; however, due to the increase of marine pollution, this is on the way to decay. The formation of the Great Barrier Reef is formed due to the release of larva from the pre-existing reefs present in the coast of Queensland, which makes the entire structure measure of 1400 miles. The reef is the source of biodiversity, as millions of animals and plants and ensures the sustainability of the food structure. If the reef does not exist, the eco-system of the ocean will lose the balance (Kroon, Thorburn, Schaffelke, & Whitten, 2016).

Conclusion

The study concludes the Great Barrier Reef is the largest reef located on the coast of Queensland, Australia, and acts as a source of the food structure of creatures of the ocean. Thereby, this is crucial to preserve the reef for ocean biodiversity.

References

Ainsworth, T. D., Heron, S. F., Ortiz, J. C., Mumby, P. J., Grech, A., Ogawa, D., ... & Leggat, W. (2016). Climate change disables coral bleaching protection on the Great Barrier Reef. *Science*, 352(6283), 338-342.

Hughes, T. P., Day, J. C., & Brodie, J. (2015). Securing the future of the Great Barrier Reef. *Nature Climate Change*, 5(6), 508.

Kroon, F. J., Thorburn, P., Schaffelke, B., & Whitten, S. (2016). Towards protecting the Great Barrier Reef from land-based pollution. *Global change biology*, 22(6), 1985-2002.

Morrison, T. H. (2017). Evolving polycentric governance of the Great Barrier Reef. *Proceedings of the National Academy of Sciences*, 114(15), E3013-E3021.