

ABSTRACT

Chief among the problems affecting coral today are ocean acidification and rising sea temperatures. Stopping carbon emissions (the key cause of these problems) completely is not an option, so solutions have come about in order to preserve what coral remains.

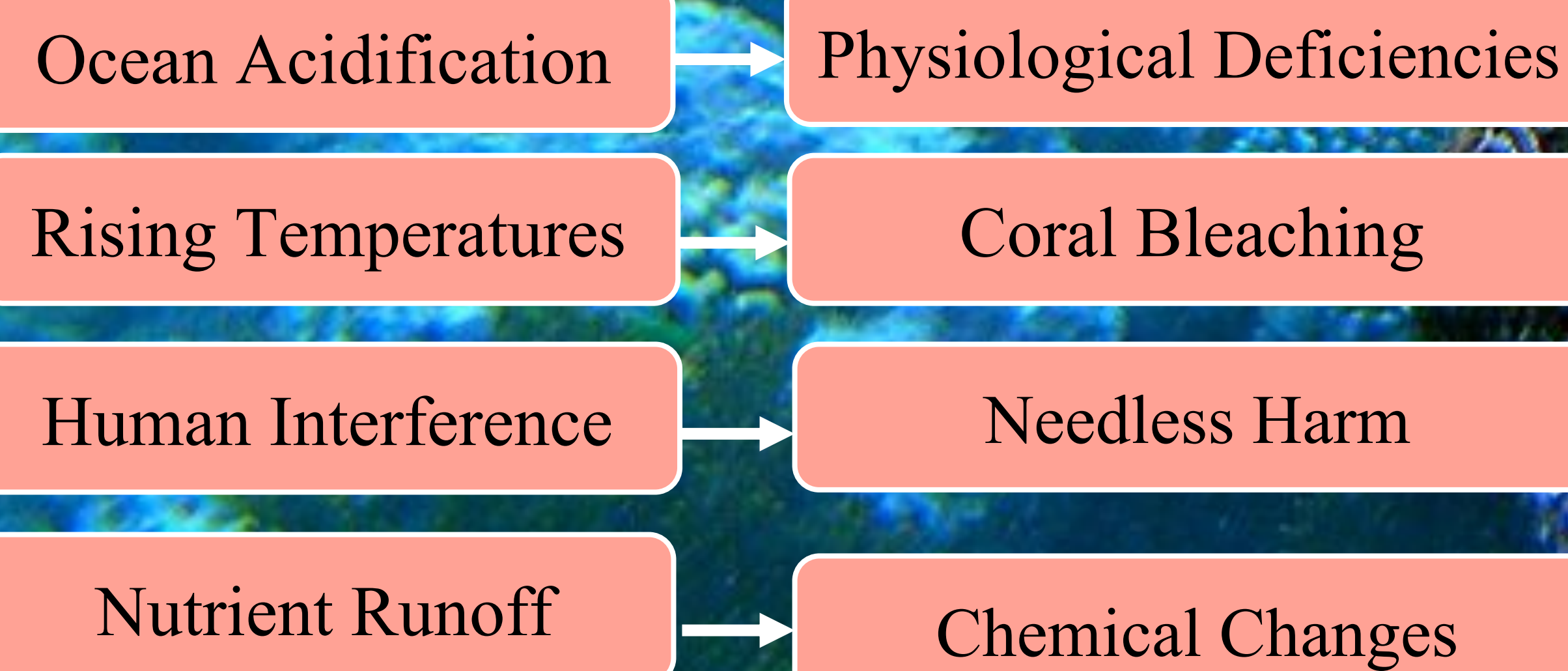
Coral Reef Locations



PROJECT GOALS

1. Learn about the leading causes to the destruction of coral reefs
2. Find the best potential solution plan to preserve reefs in the future

Problems Harming Coral



SOLUTIONS

3-D Printing

- Calcium carbonate structures
- Attract free-floating polyps

Assisted Evolution

- Increase the tolerance to rising temperature and CO₂ levels
- Utilizes genetics, the corals' best defense

Pollution Control

- Limiting coastal runoff benefits photosynthetic abilities of coral
- A solution to a problem that humans directly control

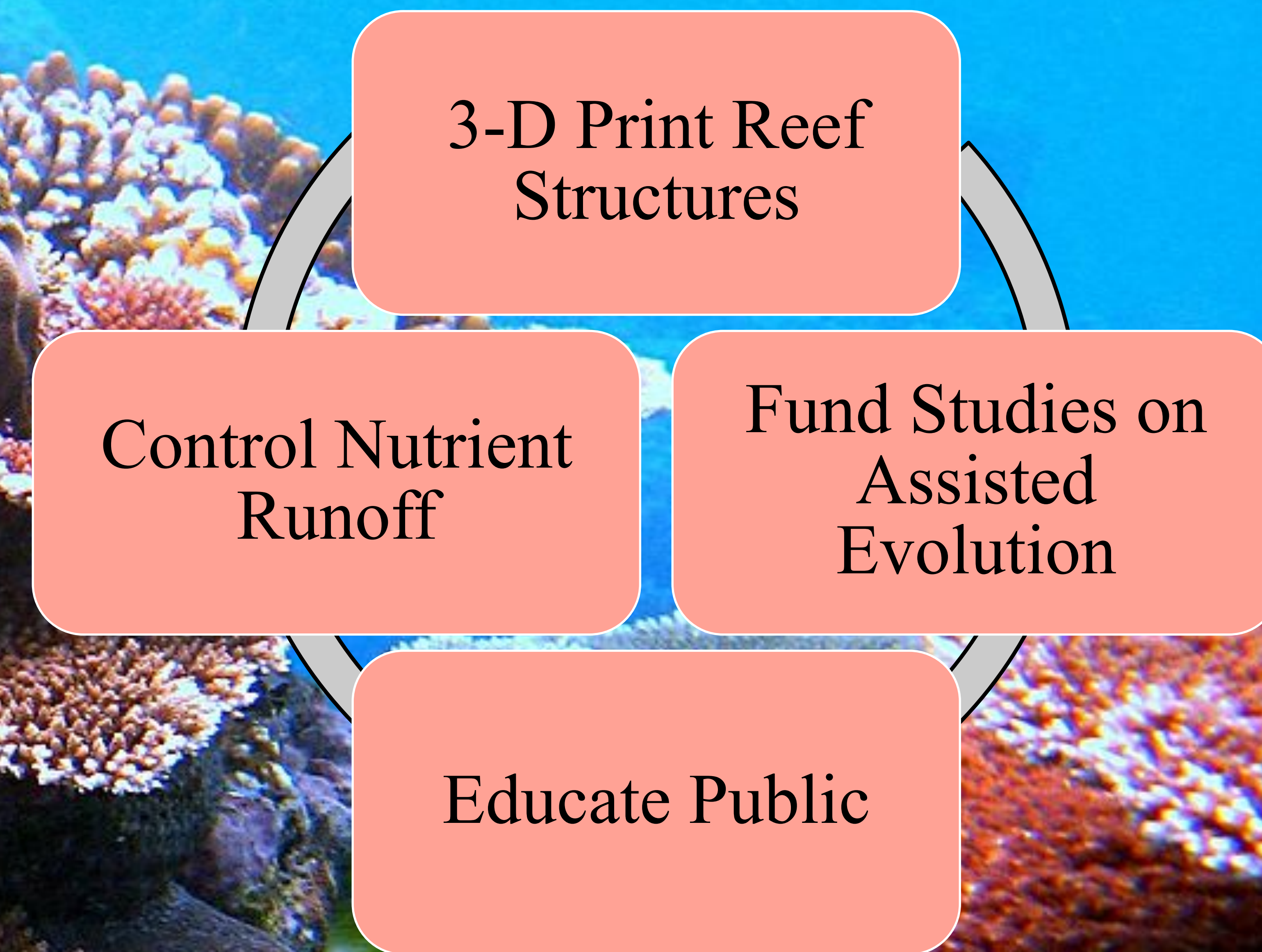
CONCLUSION

The C.A.P. (Coral Action Plan) is the combination of the three solutions described, in addition to the education of people on the degradation of coral reefs.

Benefits of C.A.P. :

1. Education will limit needless harm to reefs
2. Protects fishing industry
3. Coral reefs will begin to thrive

CORAL ACTION PLAN



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Images:
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