The Red Sea Research Centre
Building Research Strength and global networks

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www.coralcoe.org.au
Building New Research Programs in Marine Science: Key Elements

- Identifying an international niche
- People, People, People
  - Leadership and vision
  - Strategic recruitment, mentoring
- Navigating funding opportunities
- Building a support-base (networks, end-users)
- Developing communication strategies
- Establishing a global reputation for excellence
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Key opportunities:

• Understanding relatively intact coral reef ecosystems (many reefs elsewhere are degraded)
• Bringing modern *multi-disciplinary* science to the (under-studied) Red Sea region reefs
Many Coral reefs elsewhere are degraded

Climate-change Impacts
Loss of Megafauna

(a) Image of a megafauna species underwater.
(b) Graph showing CPUE (catch per unit effort) over time from 1960 to 2000.
(c) Image of a different megafauna species on land.
(d) Map of the distribution of megafauna species across the region.
Red Sea Biodiversity – Global Context

Stehli & Wells, 1971
Publications on the Red Sea
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Key opportunities:

• Understanding relatively intact coral reef ecosystems
• Bringing modern multi-disciplinary science to the Red Sea region reefs
• Establishing world-class facilities, instrumentation
• Developing a graduate research program
• Building global reputation and network
Coral Reef Global Networks
End-users, Students and Co-author institutions
12th International Coral Reef Symposium
9-13 July 2012 • Cairns • Queensland • Australia
www.icrs2012.com