

# IMAGE CREDITS

## COVER

(main) Rosa A Doncel, [www.youmoveapp.com](http://www.youmoveapp.com)  
(insets front left to right) Peter Mumby; Sonia Bejarano; George Stoyle; Steve Box  
(insets back left to right) George Stoyle; Steve Box  
(inside back cover) Steve Box

## FRONT PAGES

2-3 Steve Box  
4-5 George Stoyle  
5 (bottom) FORCE

## BIOGEOGRAPHY

10 Renata Ferrari  
11 Steve Box  
12 (map) Jason Flower, data from Reefs at Risk  
(top row left) Humberto Bahena  
(top row right) George Stoyle  
(bottom right) Peter Mumby  
(bottom left) Jason Flower  
13 (figure) after Hardt 2007, population data from Maddison Project: [www.ggdc.net/maddison](http://www.ggdc.net/maddison)  
(bottom right and left) <http://www.york.ac.uk/res/unnatural-history-of-the-sea/>  
14 (left) Monroe County Public Library  
(right) Monroe County Public Library  
(bottom) Loren McClenachan  
(figure) Pacific data from Sandin et al. 2008, Caribbean data from FORCE ecological surveys  
15 (top left) Peter Mumby  
(top right) George Stoyle  
(bottom left) Jason Flower  
(bottom right) FORCE  
(figure) data from Virginia G.W. Schutte; (*Diadema* icon) Alice Rogers  
16 (top) Peter Mumby  
(bottom) George Stoyle  
(figure) Illiana Chollett and Stacey Williams  
17 (all) Pim Bongaerts & Norbert Englebert  
18 Peter Mumby  
(map) Jason Flower  
19 (figure top & bottom ) data from FORCE ecological surveys  
(background) Peter Mumby  
20 George Stoyle  
21 David Gill  
(inset) FORCE  
22 (inset) FORCE  
(map) Illiana Chollett  
(background) FORCE  
23 (maps) Illiana Chollett

## RESILIENCE

24 George Stoyle  
25 (inset) Jason Flower  
26 Maggy Nugues  
(figure) adapted from originals by Mark Vermeij  
27 (top two) Peter Mumby  
(bottom two) Mark Vermeij  
28 (table) Jason Flower  
29 (top) Maggy Nugues  
(bottom left) Peter Mumby  
(bottom right) Maggy Nugues  
(model) Diana Kleine adapted from original in Anthony and Maynard 2011

30 (model) Diana Kleine adapted from original in Mumby and Steneck 2008  
(bottom) Peter Mumby  
31 (top model) Diana Kleine adapted from original by PEW Environment Group  
(bottom model) Diana Kleine  
32 (top) Peter Mumby  
(middle) Adán-Guillermo Jordán-Garza, Marine Photobank  
(bottom) Illiana Chollett  
33 (background) Peter Mumby  
(top to bottom) Maggy Nugues; Joost den Haan; Susana Enriquez; Jason Flower; Steve Newman; Peter Mumby; Benjamin Mueller; Jason Flower  
34 (top) Maggy Nugues  
(bottom) Maggy Nugues  
35 (map) Hannah Brocke  
(bottom) Malik Naumann, Marine Photobank  
(right) Maggy Nugues  
36 (top) Joost den Haan  
(bottom) Peter Mumby  
37 (top left) Hannah Brocke  
(top right) Joost den Haan  
(bottom) George Stoyle  
(graph) Joost den Haan  
38 (top two) Susana Enriquez  
(bottom) Jason Flower  
39 (graphs) Susana Enriquez  
(satellite image) Google Earth, Digital Globe  
(bottom) Chris Roelfsema  
40 (top) Jason Flower  
(graph) data from Renata Ferrari  
(bottom) George Stoyle  
41 (top two) Jason Flower  
(middle left) Jason Flower  
(middle right) George Stoyle  
(bottom) Alice Rogers  
42 (top) Steve Newman  
(bottom) Peter Mumby  
43 (graphs) data from FORCE ecological surveys  
(bottom left to right) Charlie Dryden; Peter Mumby; Jason Flower  
44 (all) Peter Mumby  
45 (graphs) Peter Mumby  
(middle left) Peter Mumby  
(middle right) George Stoyle  
(bottom row) Jason Flower  
46 (all) Benjamin Mueller  
47 (all) Benjamin Mueller  
48 (top) Jason Flower  
(bottom) George Stoyle  
(figure) data from Dirk Petersen  
49 (top right) Barry Brown  
(top row left to right, all) Paul Selvaggio  
(bottom row left to right) Paul Selvaggio; Dirk Petersen; Dirk Petersen  
50 Paul Selvaggio, Valerie Chamberland, Dirk Petersen; Dirk Petersen  
51 Lisa Carne Marine Photobank

## CLIMATE CHANGE

52 Roberto Iglesias-Prieto  
53 (inset) Gerick Bergsma 2009 Marine Photobank  
54 (top right) Jason Flower  
(graphs) from Bopp et al. 2013, courtesy Laurent Bopp

55 (top left) Roberto Iglesias-Prieto  
(top right) Jason Flower  
(bottom two) Maoz Fine  
56 (map top) Chollett et al. 2012  
(map bottom) data from Leonard Nurse and John Charlery; UWI-Cave Hill Climate Modelling Laboratory, 2014  
(middle) Maggy Nugues  
57 (figure top) NOAA Coral Reef Watch Ocean Acidification Product Suite (version 0.2); [www.coralreefwatch.noaa.gov/satellite/oa/](http://www.coralreefwatch.noaa.gov/satellite/oa/)  
(bottom) Sergio Hoare and the Wildlife Conservation Society (WCS)  
58 Jason Flower  
59 (main) Maggy Nugues  
(insets) Christine Loew, Marine Photobank; FORCE  
60 (top) Christine Loew, Marine Photobank  
(bottom inset) Roberto Iglesias-Prieto  
(background) Illiana Chollett  
61 (all) Peter Mumby  
62 (top) FORCE  
(model) Diana Kleine and Emma Kennedy  
63 (graph) Emma Kennedy  
(top right) George Stoyle  
(bottom) FORCE

## FISHERIES

64 (main) Hazel Oxenford  
65 (inset) FORCE  
66 (top) Steve Box  
(left) FORCE  
(graphs) Data: Sea Around Us project and Sherry Heileman  
67 (top) Peter Mumby  
(right) Steve Box  
(bottom) Charlotte Bergstrom  
68 (top) Hazel Oxenford  
(left, top to bottom) Hazel Oxenford; Steve Box; Charlotte Bergstrom; Charlotte Bergstrom; Charlotte Bergstrom; David Gill  
(background) David Gill  
69 (top) Hazel Oxenford  
(middle) Kim Baldwin  
(bottom) Hazel Oxenford  
70 (map) Jason Flower, data from Reefs at Risk  
(bottom) Steve Box  
71 (model) Alice Rogers  
72 (top) FORCE  
(bottom left) Annelise Hagan  
(bottom right) Hazel Oxenford  
73 (left) Peter Mumby  
(right) Steve Box  
74 (top) George Stoyle  
(middle) FORCE  
(bottom) Chris Roelfsema  
75 (top) Healthy Reefs, Richard Holder  
(middle) Steve Box  
(bottom) FORCE  
(table) adapted from Appeldoorn 2008  
76 George Stoyle  
77 (main) Hazel Oxenford  
(insets top to bottom) Maggy Nugues, Jason Flower; George Stoyle; George Stoyle; Athila Bertoncini <http://athilapeixe.zenfolio.com/>; Charlotte Bergstrom; David Gill; Peter Harrison  
78 (top) Maggy Nugues  
(bottom) Hazel Oxenford



- 79 (model) Jason Flower; (parrotfish, graysby, Nassau grouper) Alice Rogers  
(bottom) Peter Mumby
- 80 (top) Jason Flower  
(left) Steve Box  
(background) Steve Box
- 81 (top illustration) picture of yellowtail snapper: Javier Maradiaga, larvae life cycle photos: Evan D'Alessandro  
(bottom) Steve Box
- 82 (top) George Stoyle  
(bottom) Jason Flower
- 83 (top) Javier Maradiaga  
(map) Jason Flower, data from Steve Canty  
(bottom) Maggy Nugues
- 84 (top) George Stoyle  
(bottom) Renata Ferrari
- 85 (graph) Henri Vallès  
(parrotfish icon) Alice Rogers  
(middle) FORCE  
(bottom right) Jason Flower
- 86 (top) Athila Bertoncini  
<http://athilapeixe.zenfolio.com/>  
(left) FORCE  
(bottom) Jason Flower
- 87 (all) Fadilah Ali
- 88 (top) Charlotte Bergstrom  
(bottom) Renata Ferrari
- 89 (top model) PEW Environment Group  
(middle left) Peter Mumby  
(middle right) George Stoyle  
(map) Nicolas Wolff
- 90 (top) David Gill  
(model) Illiana Chollett  
(background) Steve Box
- 91 (top map) Illiana Chollett, data source DIGEPESCA  
(bottom map) Illiana Chollett  
(satellite image) LANDSAT imagery
- 92 (top) Peter Harrison  
(bottom) Mark Vermeij
- 93 (graphs and maps) Illiana Chollett and Claire Paris

SERVICES

- 94 Kim Baldwin
- 95 (bottom) FORCE
- 96 (top right) Illiana Chollett  
(top left) FORCE  
(bottom) FORCE
- 97 (right) George Stoyle  
(bottom) Shelly Ann-Cox
- 98 (top) Rachel Allen  
(model) Diana Kleine
- 99 (top to bottom) FORCE; Jason Flower; David Gill  
(background) Jason Flower
- 100 (table) Adapted from van Beukering et al., 2007
- 101 (all) FORCE
- 102 (middle) FORCE  
(bottom) Steve Box
- 103 (graph) Gregory Verutes, Clarke et al. 2013  
(table) from Kushner et al. 2012
- 104 (top) NOAA  
(bottom) Jason Flower
- 105 (all) Jason Flower

- (table) Adapted from original by Esther Wolfs
- 106 (left) FORCE  
(bottom) Adán-Guillermo Jordán-Garza Marine Photobank
- 107 (main) Renata Ferrari  
(insets) FORCE, David Gill
- 108 (top) FORCE  
(background) David Gill
- 109 (top) David Gill  
(bottom) Robin Mahon  
(graphs) David Gill
- 110 (all) David Gill
- 111 (graphs) David Gill

GOVERNANCE

- 112 (main) FORCE
- 113 FORCE
- 114 (map) Jason Flower  
(bottom) FORCE
- 115 (models) Diana Kleine adapted from original in CERMES 2011
- 116 Renata Ferrari
- 117 (main) FORCE  
(insets from top to bottom) all FORCE except no.4 George Stoyle
- 118 (all) FORCE
- 120 (top) FORCE  
(network illustration) Angelie Peterson  
(bottom left, clockwise) FORCE; Steve Box; [www.ecomarbelize.org/coral-network.html](http://www.ecomarbelize.org/coral-network.html)
- 121 (all) FORCE
- 122 (all) FORCE
- 123 (graphs) Angelie Peterson  
(others) FORCE
- 124 (top) George Stoyle  
(middle) Steve Box  
(bottom left to right) FORCE; Jason Flower; Roberto Iglesias-Prieto
- 125 (bottom left to right) FORCE; FORCE; Jason Flower
- 126 (all) FORCE
- 127 (top) David Gill
- 128 (top) FORCE; (bottom) David Gill
- 129 (all) FORCE
- 130 (all) FORCE
- 131 (all) FORCE

LIVELIHOODS

- 132 FORCE
- 133 FORCE
- 134 (top left) Chris Roelfsema  
(top right) Rachel Allen  
(bottom) Sonia Bejarano
- 135 (figure) adapted from Cattermoul et al.2011  
(bottom) FORCE

- 136 (top two) FORCE  
(bottom) Shelly Ann-Cox
- 137 (top) David Gill  
(bottom) FORCE
- 138 Chris Roelfsema
- 139 (all) FORCE
- 140 (top) FORCE  
(bottom) Sonia Bejarano
- 141 (all) FORCE
- 142 (all) FORCE
- 143 (all) FORCE

MONITORING

- 144 Benjamin Mueller
- 145 Renata Ferrari
- 146 Jason Flower
- 147 Maggy Nugues
- 146-147 (background) George Stoyle
- 148 Peter Mumby
- 149 (top to bottom) Jason Flower; Jason Flower; Peter Mumby; Chico Birrell; Peter Mumby; Jason Flower; George Stoyle; Peter Mumby (table) adapted from Brumbaugh 2014  
(model) Diana Kleine
- 150 (top left) Maggy Nugues  
(top right) Renata Ferrari  
(bottom left) Jason Flower  
(bottom right) Peter Mumby
- 151 Manuel González-Rivero
- 152 (top and bottom) Charlotte Bergstrom  
(middle three) Jason Flower
- 153 (top left) Jason Flower  
(top right) Peter Mumby  
(figure) Tewfik and Appeldoorn 1998
- 154 (all) Jason Flower  
(except fish diversity)Maggy Nugues
- 155 (all) Jason Flower
- 156 (top left to right) Maggy Nugues; Alastair Harborne; Dirk Petersen  
(middle left to right) Coral Cay Conservation; Jason Flower; Jason Flower
- 157 (top left to right) Jason Flower; Maggy Nugues; Peter Mumby  
(middle left to right) David Gill; Alice Rogers; Jason Flower  
(bottom left to right) Jason Flower; George Stoyle
- 158 (top left to right) Maggy Nugues; Peter Mumby  
(bottom left to right) Jason Flower (first three); Maggy Nugues
- 159 (top) Joost den Haan  
(bottom) Maggy Nugues  
(background) Manuel González-Rivero
- 160 Peter Mumby

IMAGE WEBSITES

George Stoyle: [www.georgestoyle.com](http://www.georgestoyle.com)  
 Rosa A Doncel, Utila Dive Guide App: [www.youmoveapp.com/](http://www.youmoveapp.com/)  
 Peter Mumby: [www.reefvid.org](http://www.reefvid.org)  
 Florida-Keys Public Libraries dead fish gallery: [bit.ly/1kTYyV](http://bit.ly/1kTYyV)  
 Jason Flower: [www.jasonflower.co.uk](http://www.jasonflower.co.uk)  
 Coral, fish and algae icons: IAN image library: [www.ian.umces.edu/](http://www.ian.umces.edu/)  
 Marine Photobank: [www.marinephotobank.org/](http://www.marinephotobank.org/)

