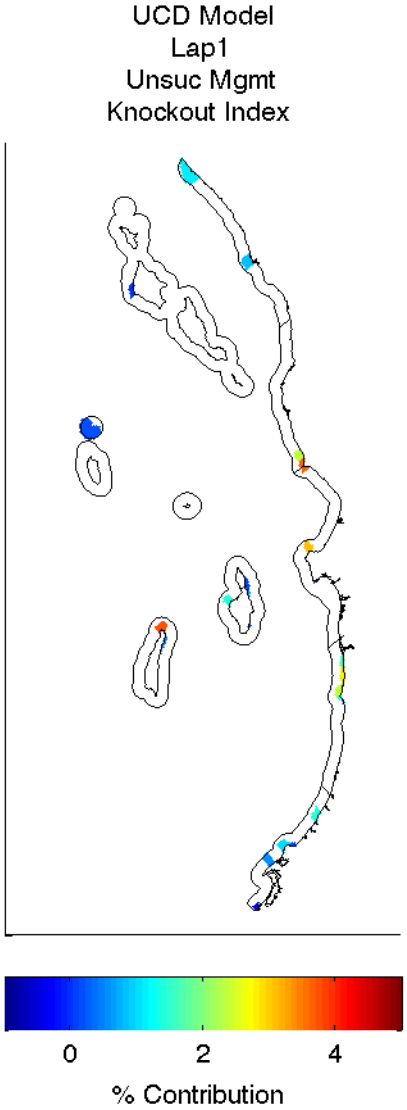
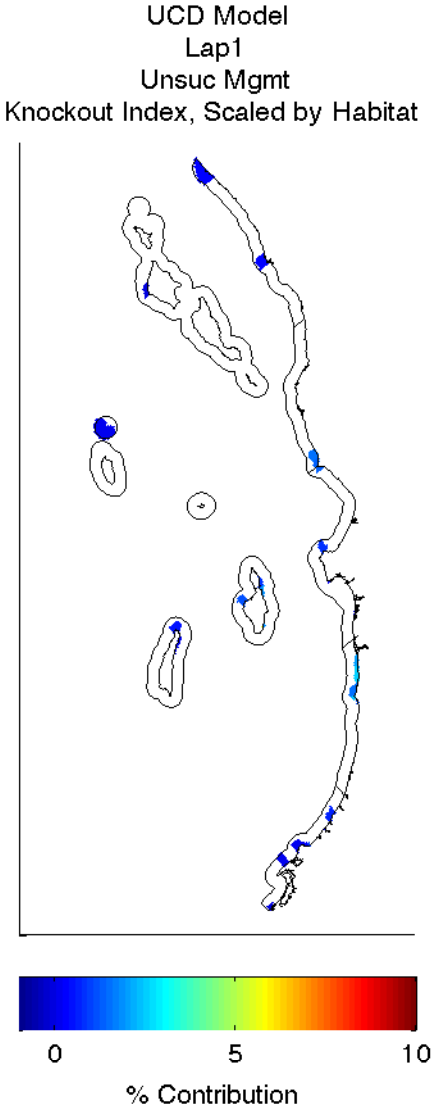
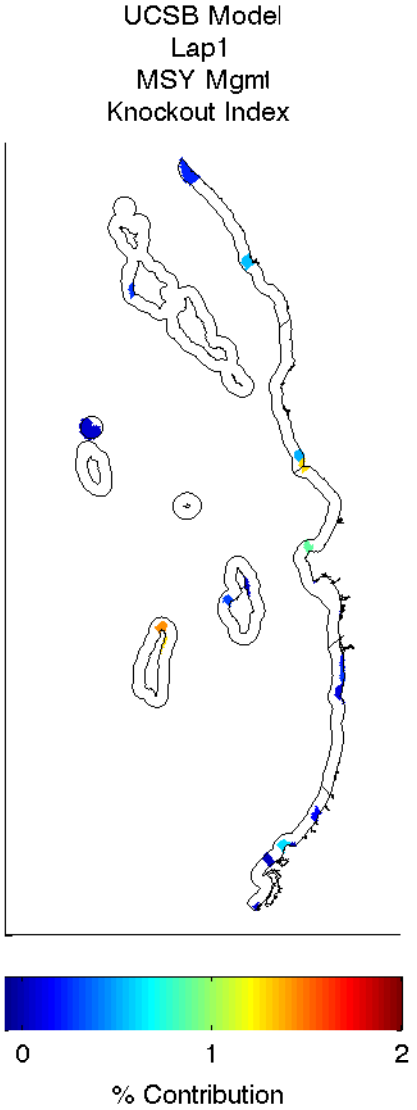
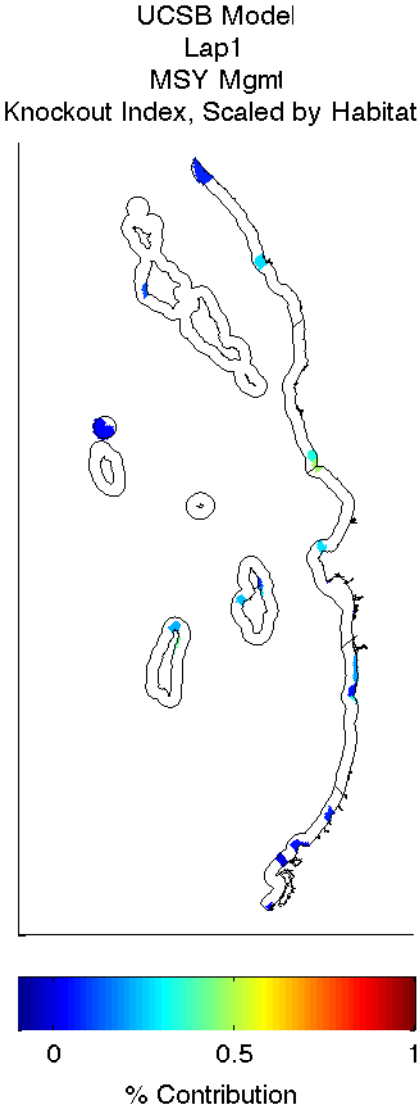
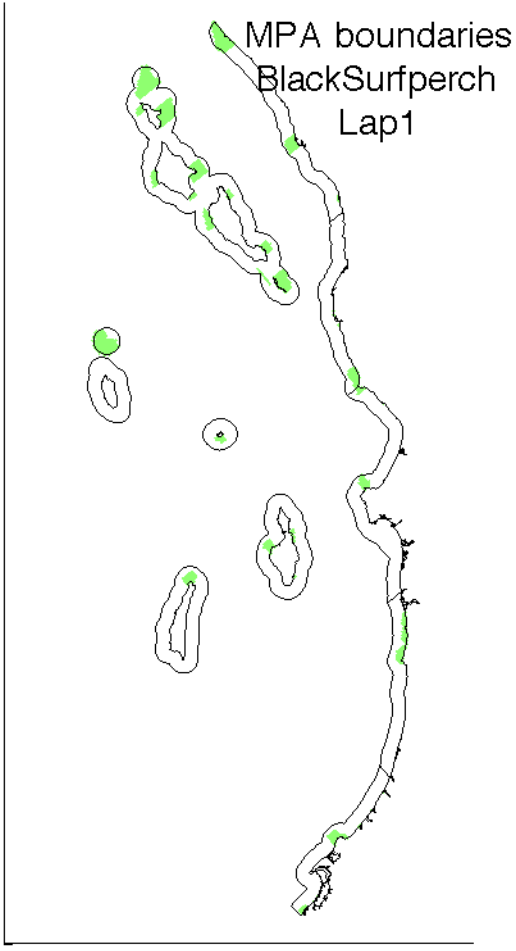
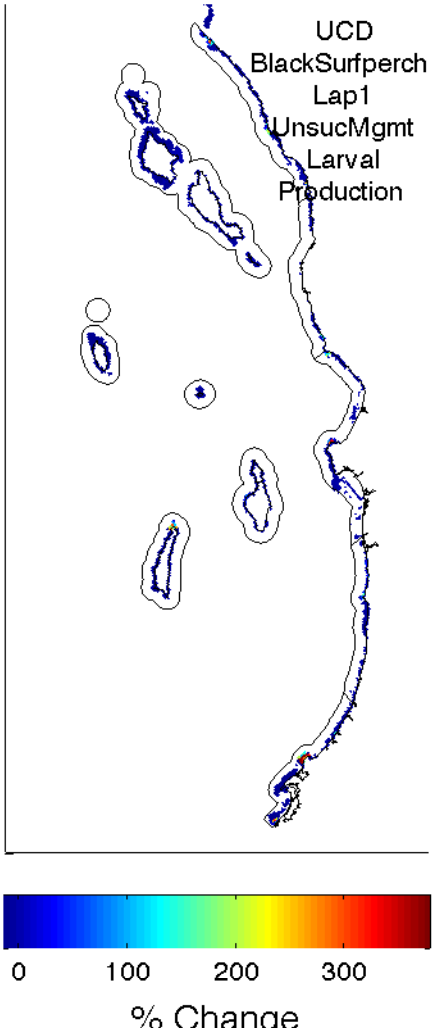

UCD Model
Lap1
Unsuc Mgmt
Knockout Index
0
2
4
% Contribution

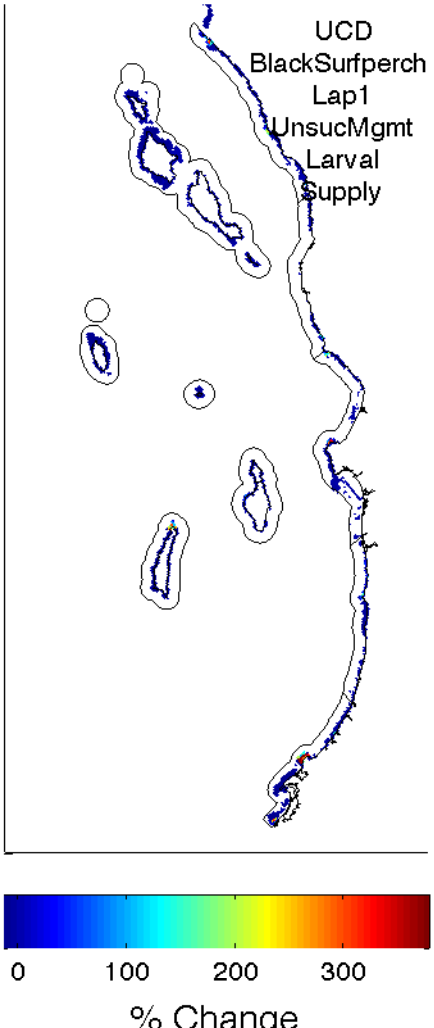

UCD Model
Lap1
Unsuc Mgmt
Knockout Index, Scaled by Habitat
0
5
10
% Contribution

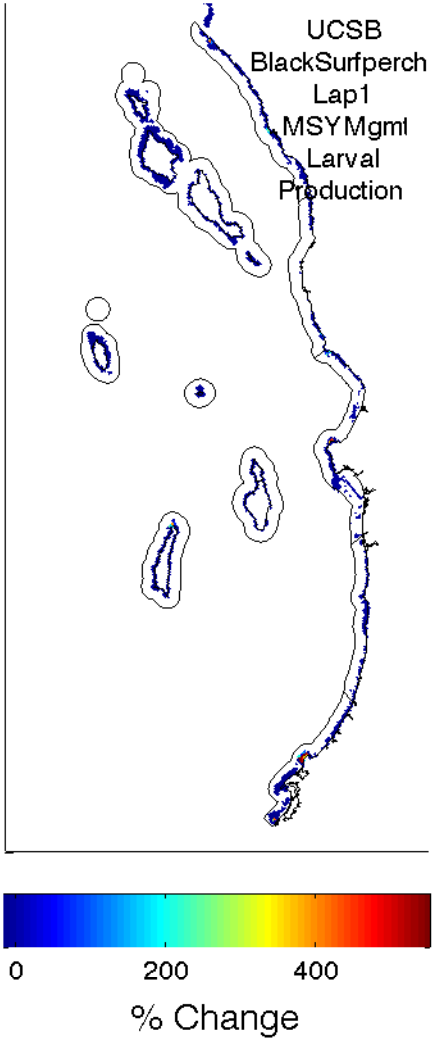

UCSB Model
Lap1
MSY Mgmt
Knockout Index
0
1
2
% Contribution

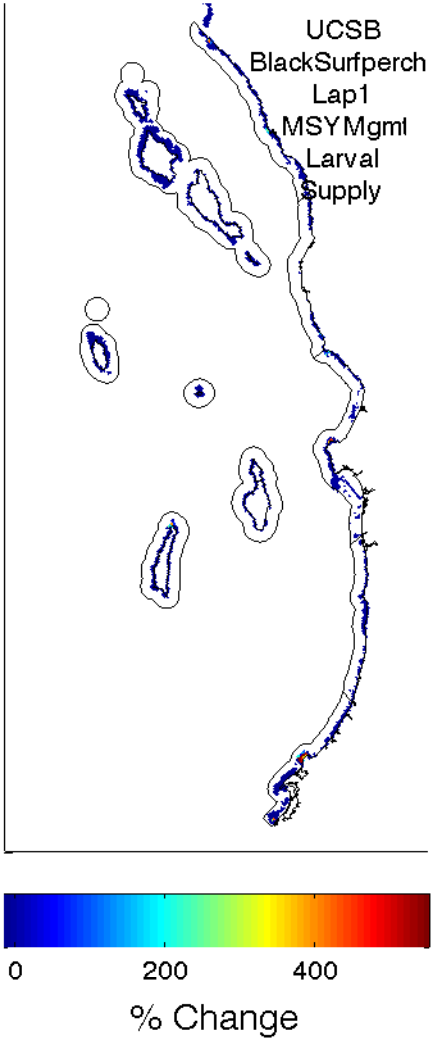

UCSB Model
Lap1
MSY Mgmt
Knockout Index, Scaled by Habitat
0
0.5
1
% Contribution

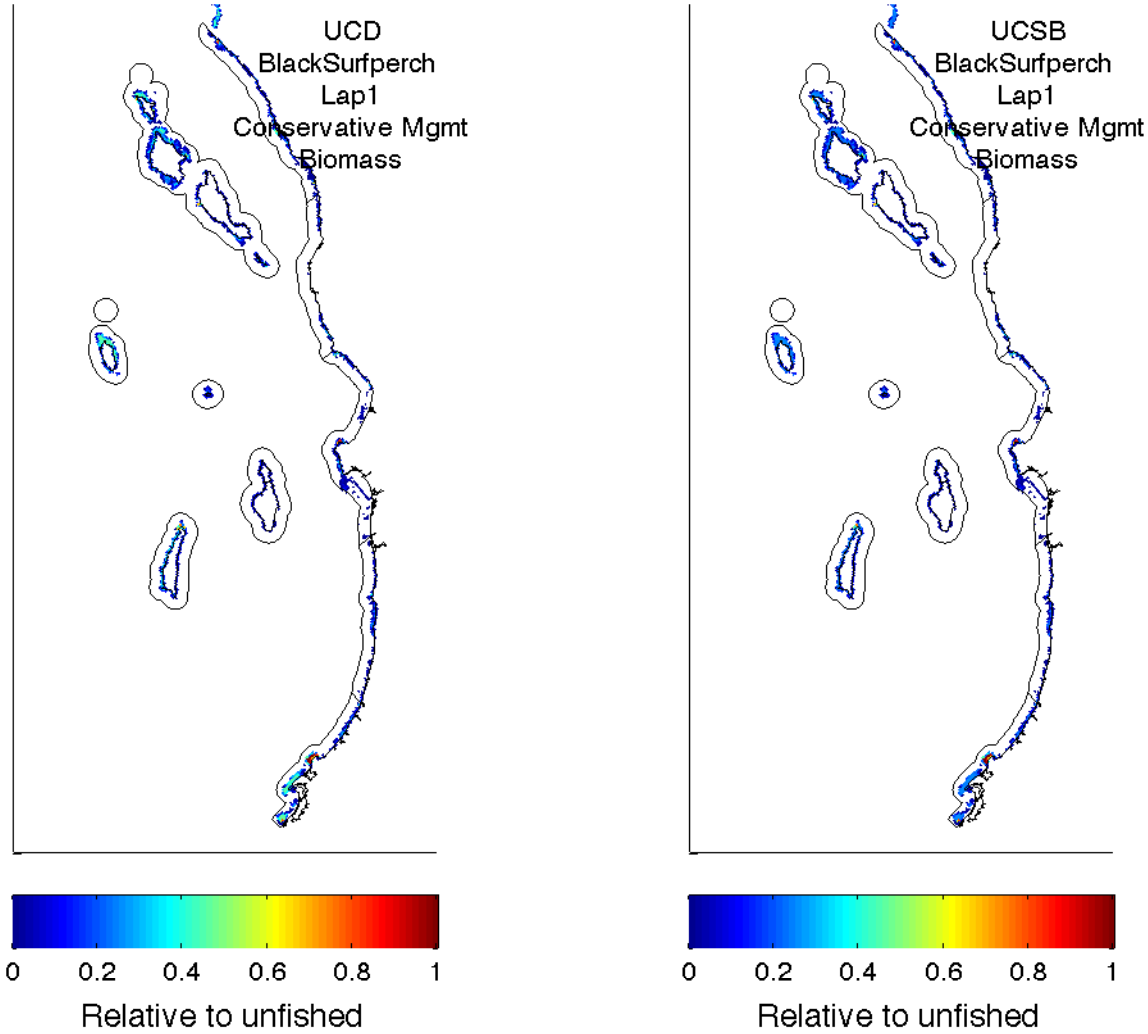

MPA boundaries
BlackSurfperch
Lap1

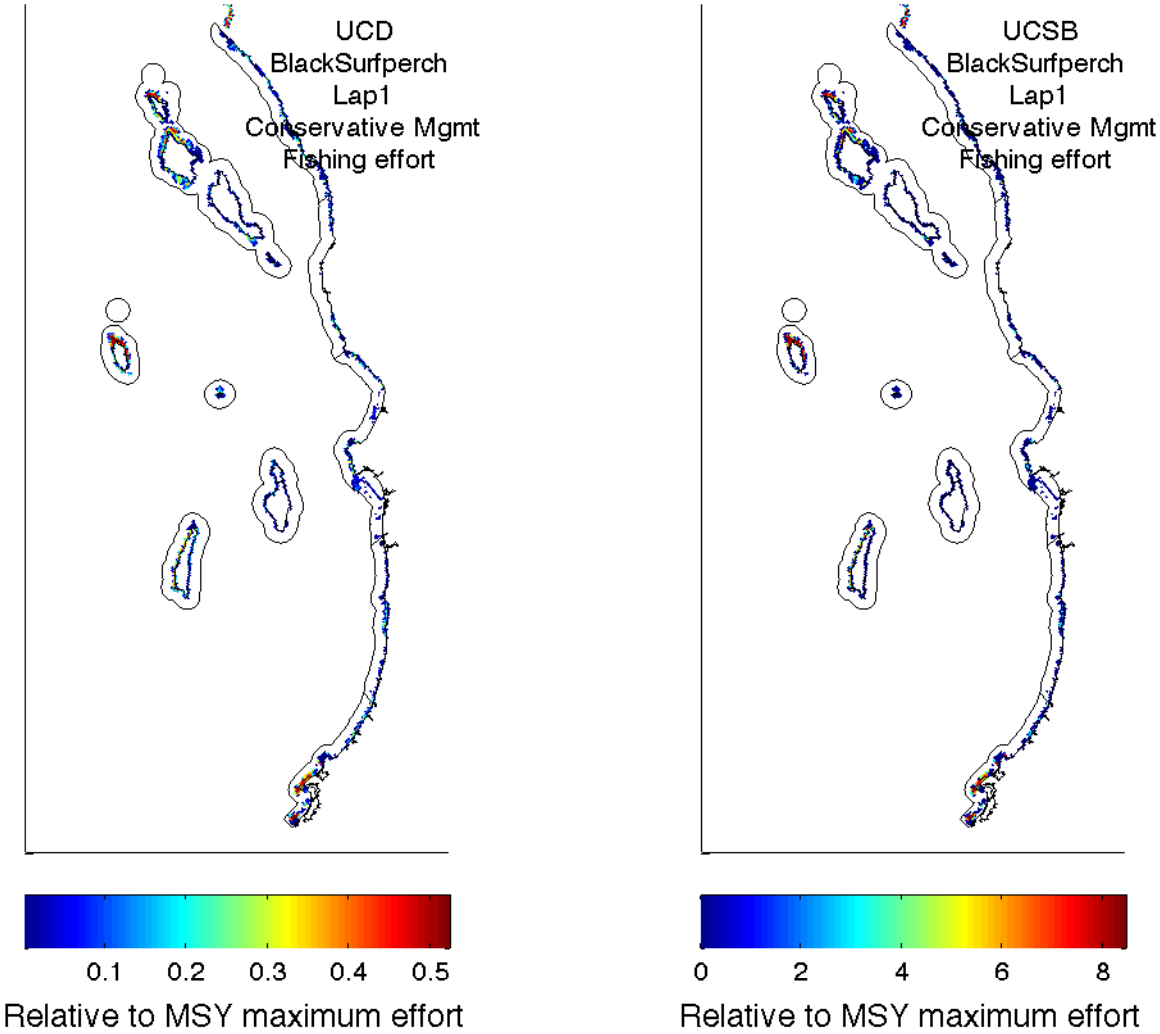

UCD
BlackSurfperch
Lap1
UnsucMgmt
Larval
Production
0
100
200
300
% Change

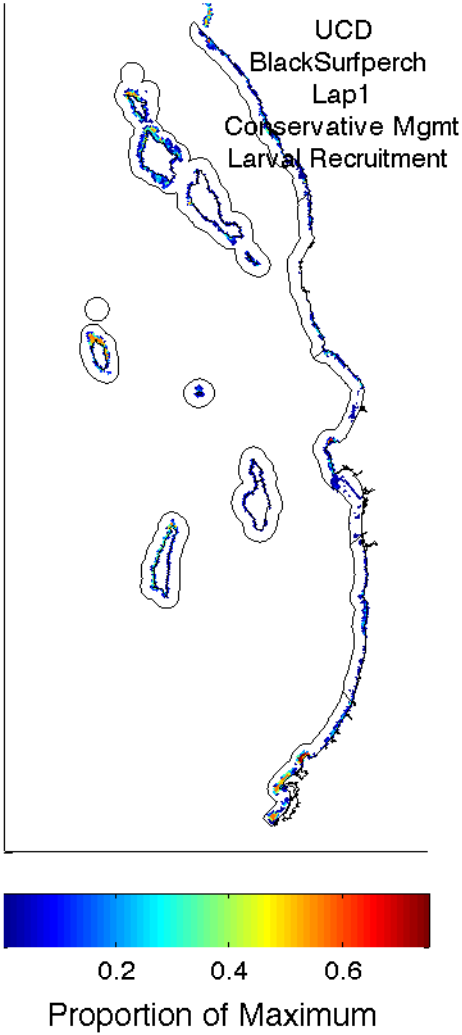

UCD
BlackSurfperch
Lap1
UnsucMgmt
Larval
Supply
0
100
200
300
% Change

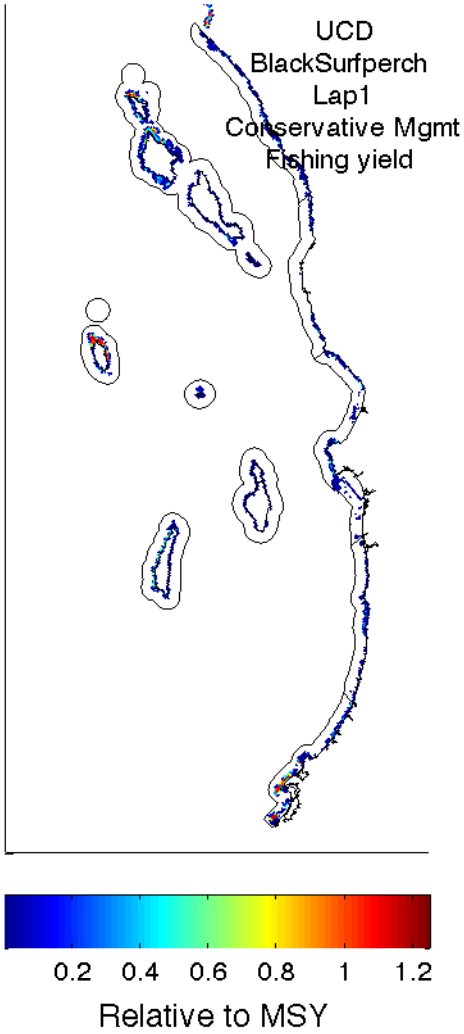

UCSB
BlackSurfperch
Lap1
MSYMgmt
Larval
Production
0
200
400
% Change

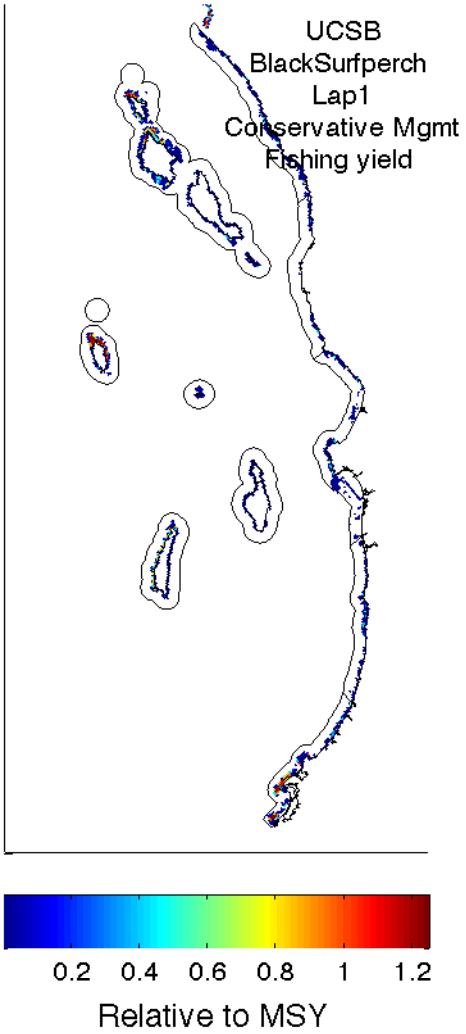

UCSB
BlackSurfperch
Lap1
MSYMgmt
Larval
Supply
0
200
400
% Change

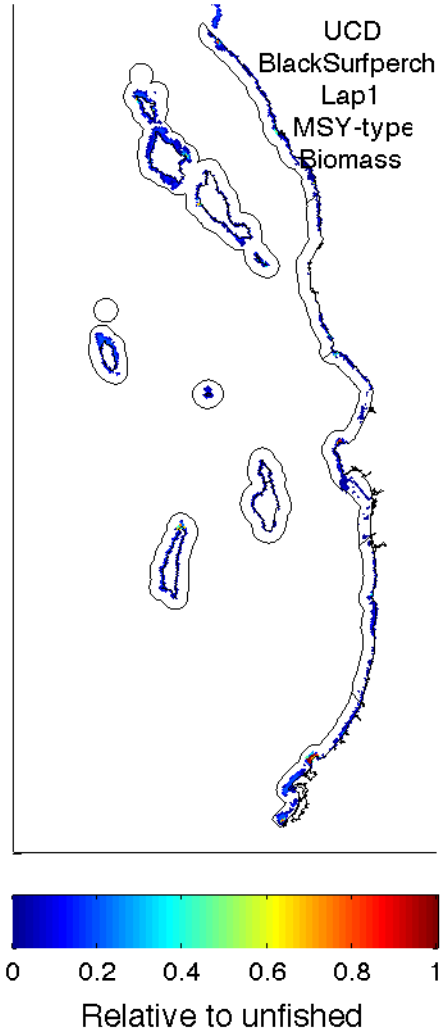

UCD
BlackSurfperch
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished
UCSB
BlackSurfperch
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

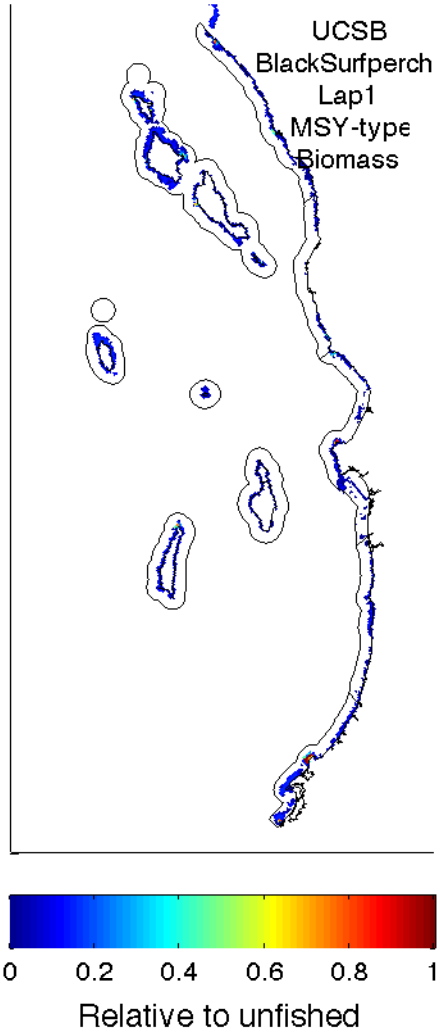

UCD
BlackSurfperch
Lap1
Conservative Mgmt
Fishing effort
0.1
0.2
0.3
0.4
0.5
Relative to MSY maximum effort
UCSB
BlackSurfperch
Lap1
Conservative Mgmt
Fishing effort
0
2
4
6
8
Relative to MSY maximum effort

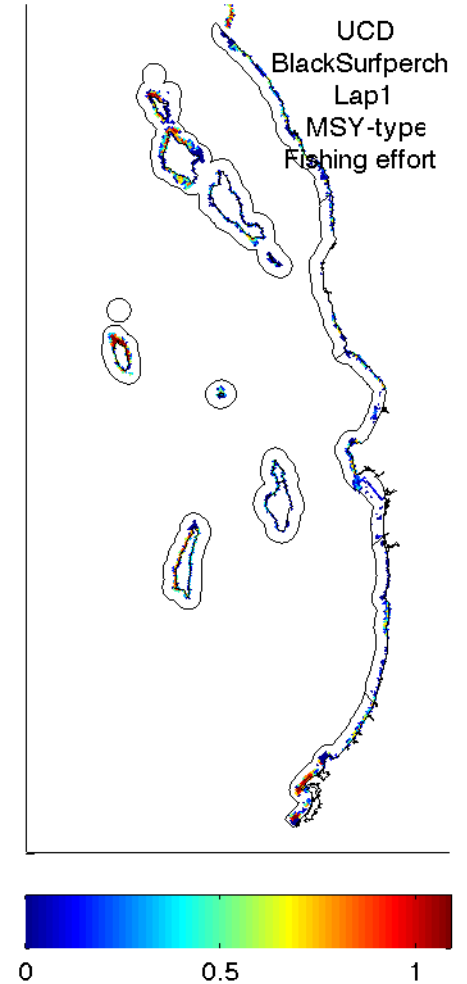

UCD
BlackSurfperch
Lap1
Conservative Mgmt
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

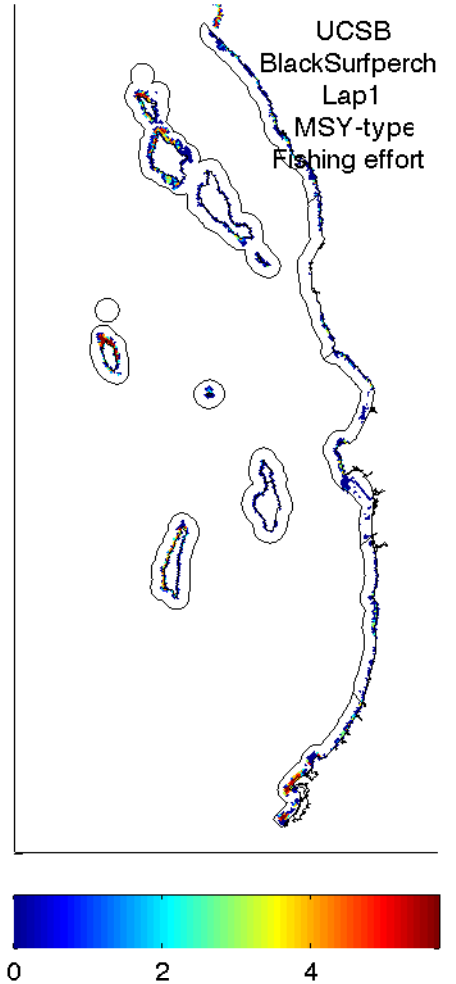

UCD
BlackSurfperch
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

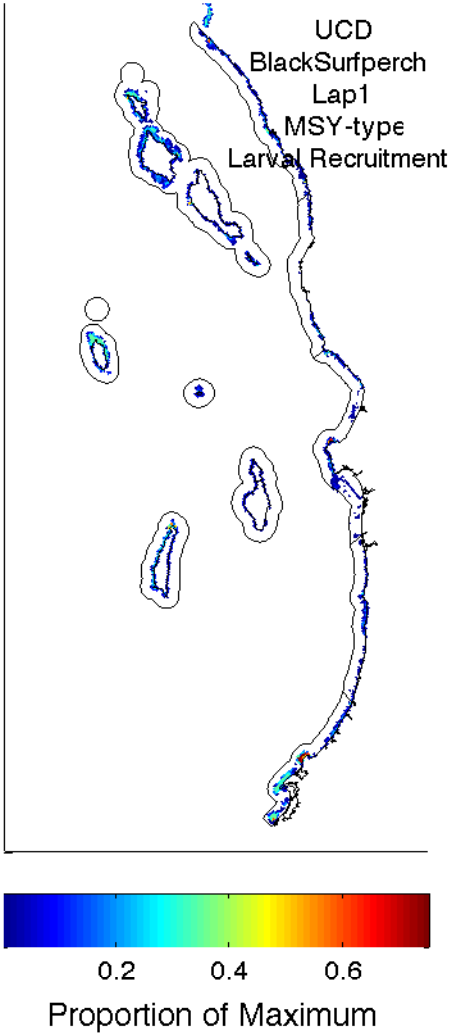

UCSB
BlackSurfperch
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

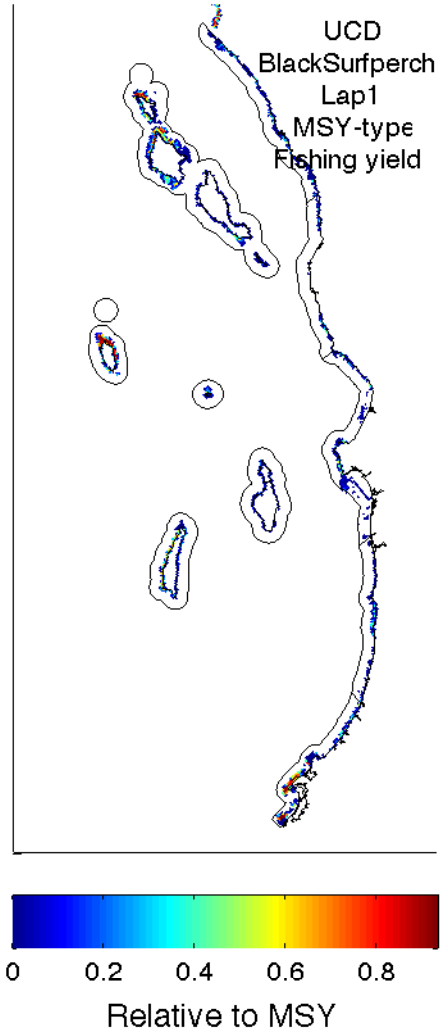

UCD
BlackSurfperch
Lap1
MSY-type
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

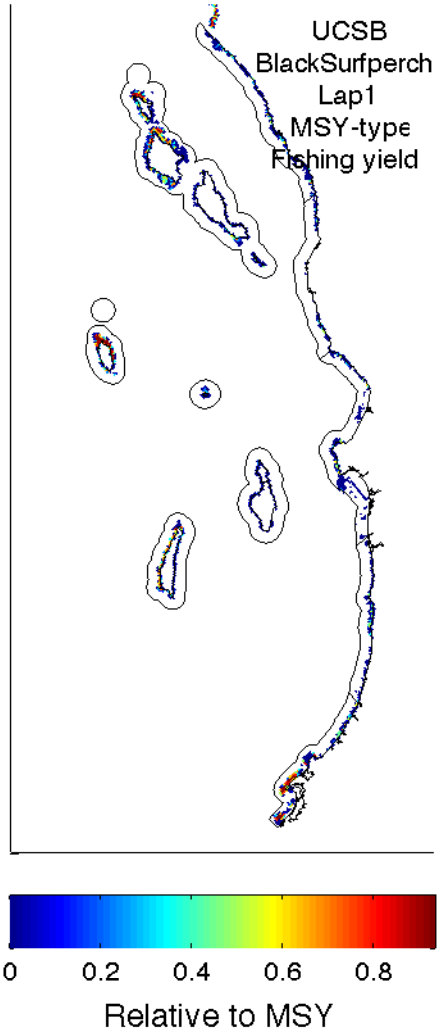

UCSB
BlackSurfperch
Lap1
MSY-type
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

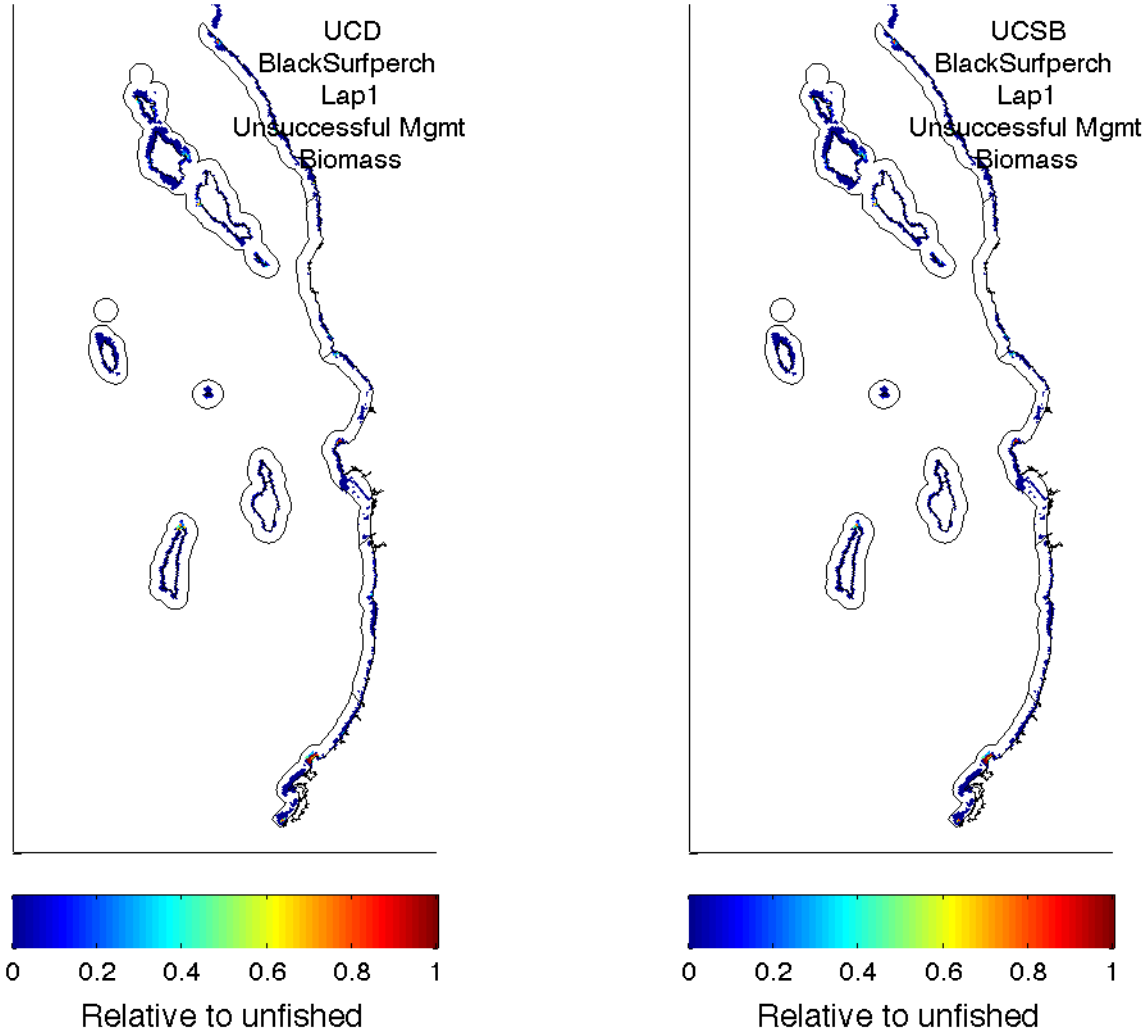

UCD
BlackSurfperch
Lap1
MSY-type
Fishing effort
0
0.5
1
Relative to MSY maximum effort

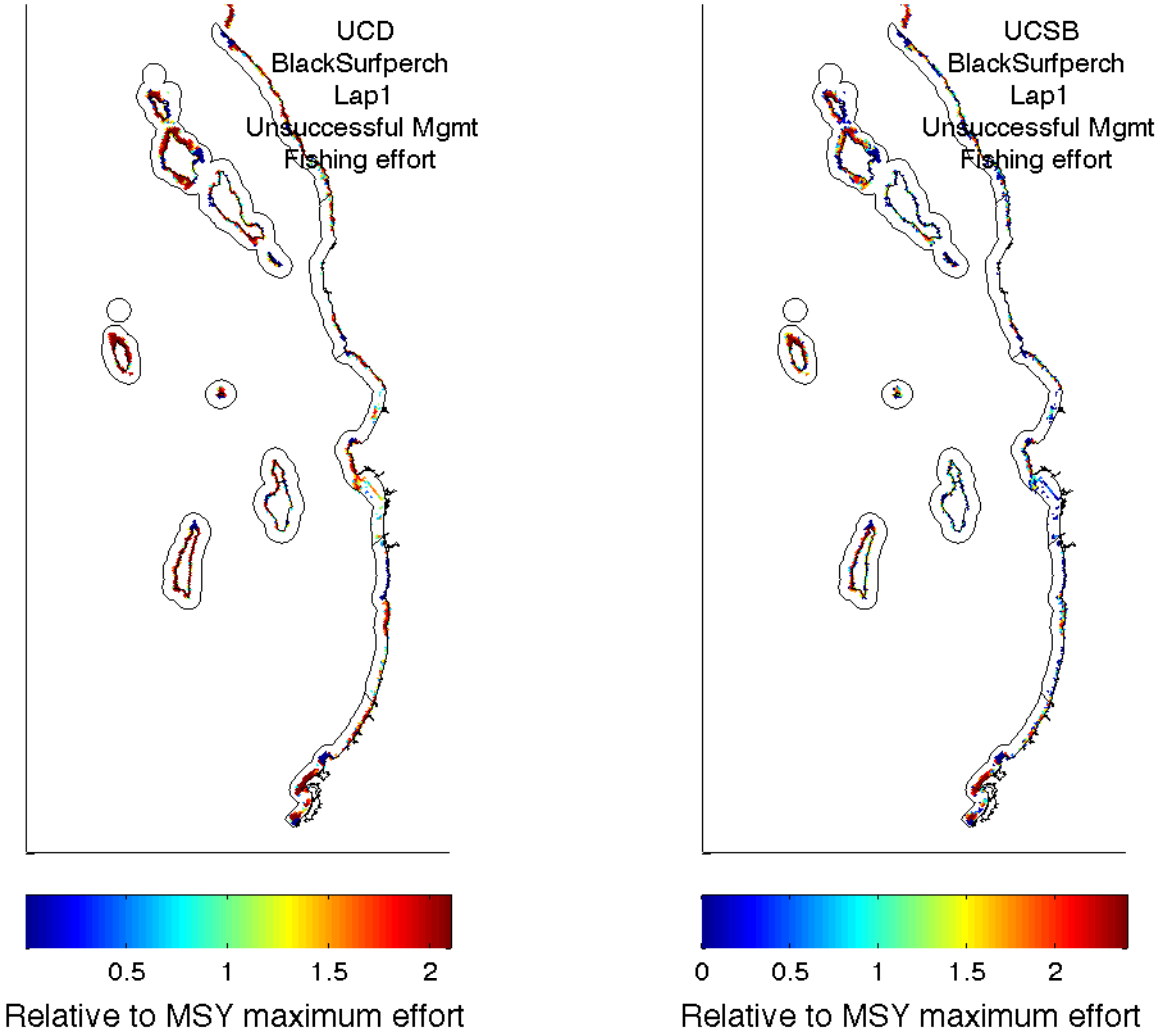

UCSB
BlackSurfperch
Lap1
MSY-type
Fishing effort
0
2
4
Relative to MSY maximum effort

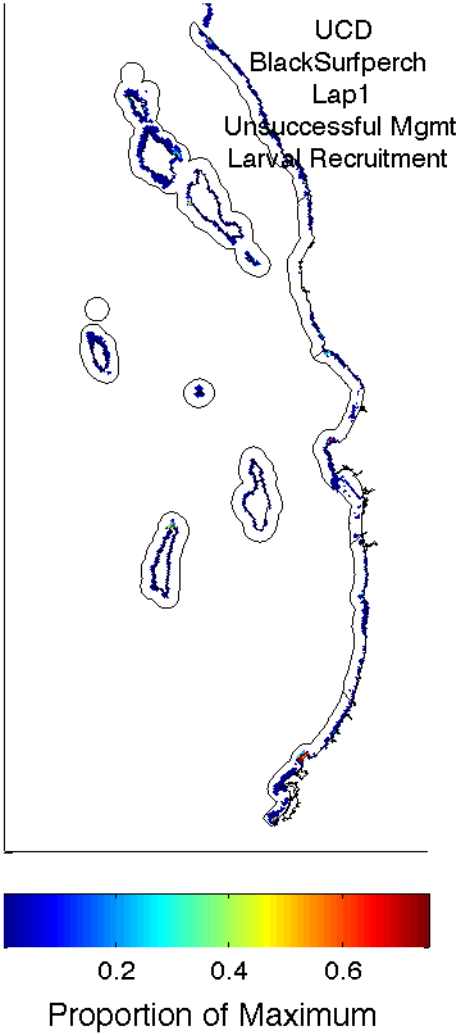

UCD
BlackSurfperch
Lap1
MSY-type
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

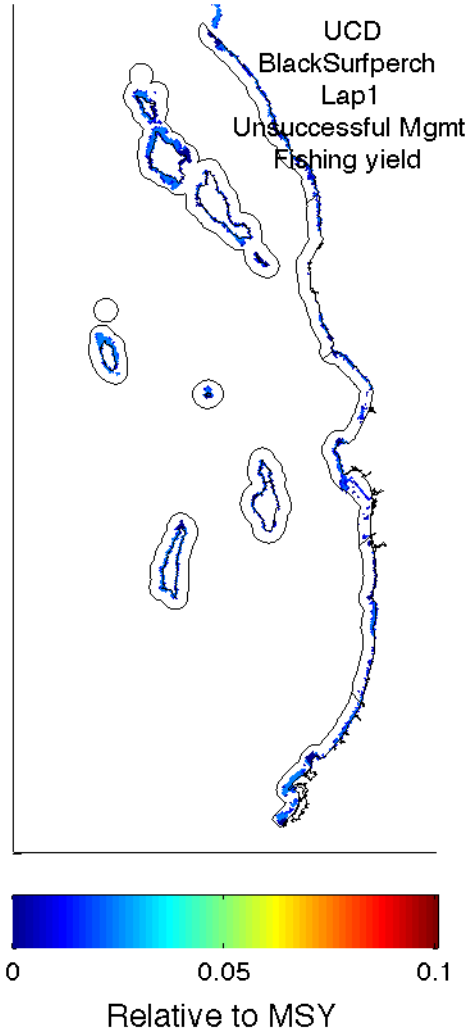

UCD
BlackSurfperch
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

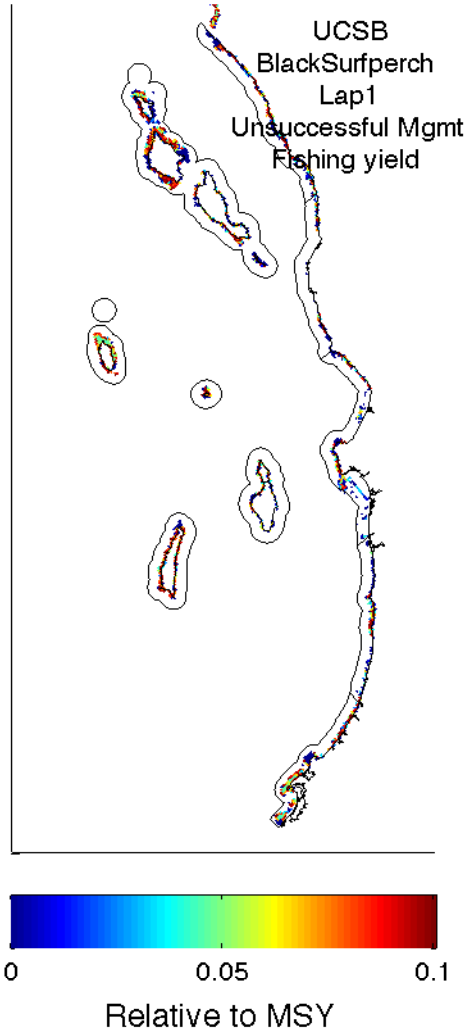

UCSB
BlackSurfperch
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

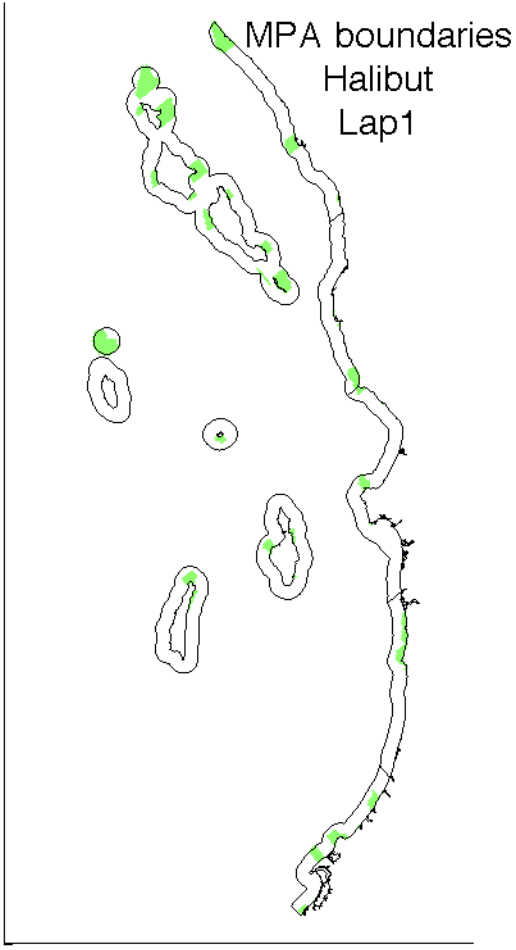

UCD
BlackSurfperch
Lap1
Unsuccessful Mgmt
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished
UCSB
BlackSurfperch
Lap1
Unsuccessful Mgmt
Biomass
0
0.2
0.4
0.6
0.8
1
Relative to unfished

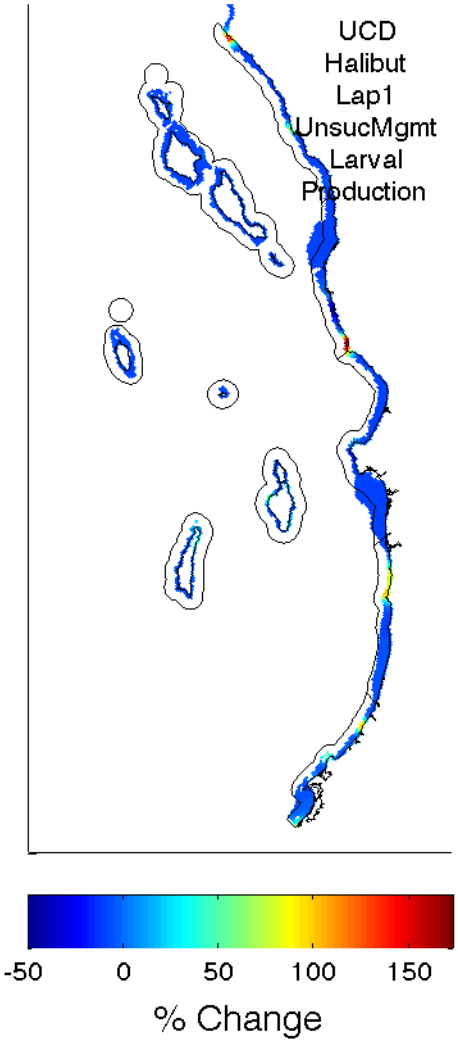

UCD
BlackSurfperch
Lap1
Unsuccessful Mgmt
Fishing effort
0.5
1
1.5
2
Relative to MSY maximum effort
UCSB
BlackSurfperch
Lap1
Unsuccessful Mgmt
Fishing effort
0
0.5
1
1.5
2
Relative to MSY maximum effort

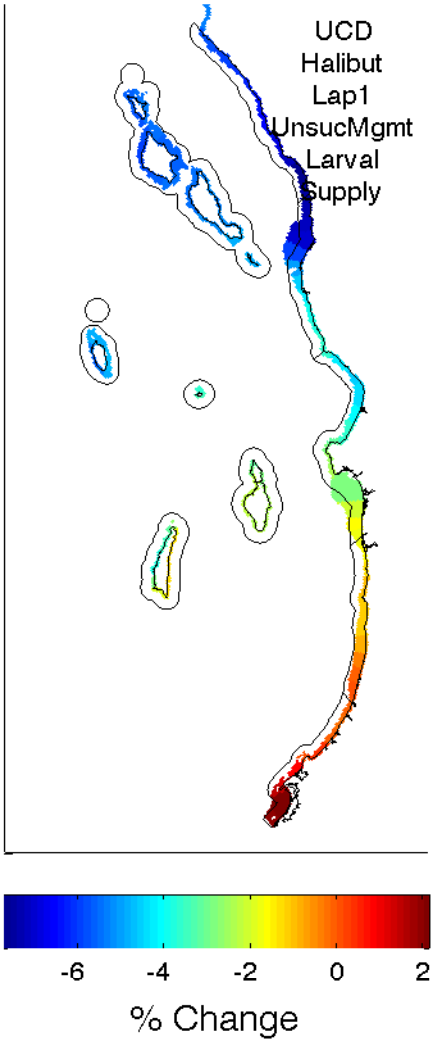

UCD
BlackSurfperch
Lap1
Unsuccessful Mgmt
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

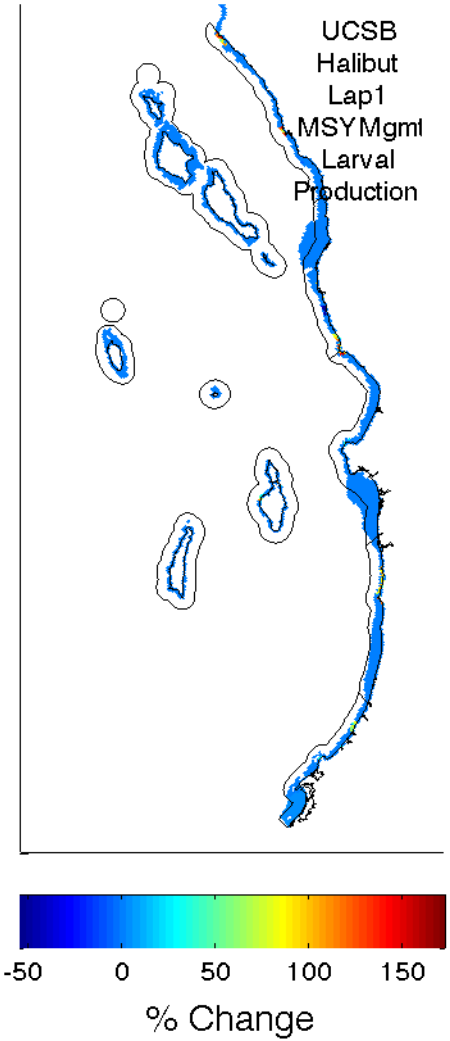

UCD
BlackSurfperch
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.05
0.1
Relative to MSY

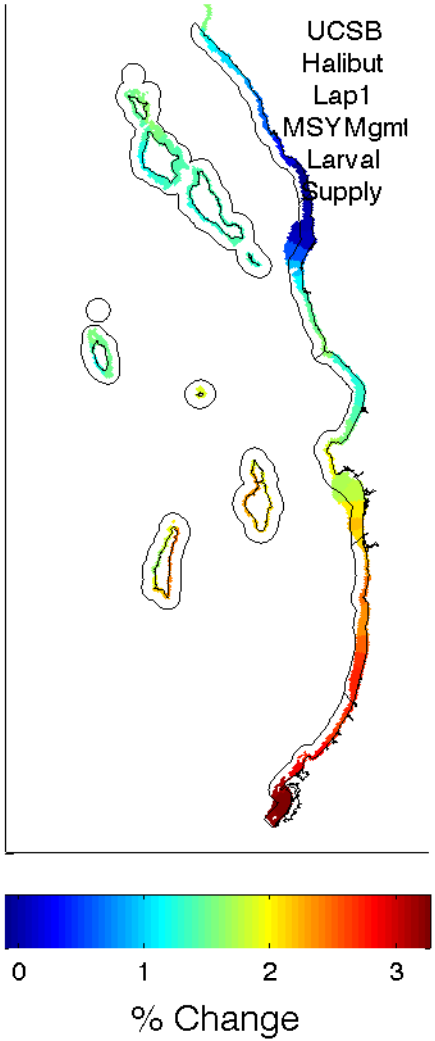

UCSB
BlackSurfperch
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.05
0.1
Relative to MSY

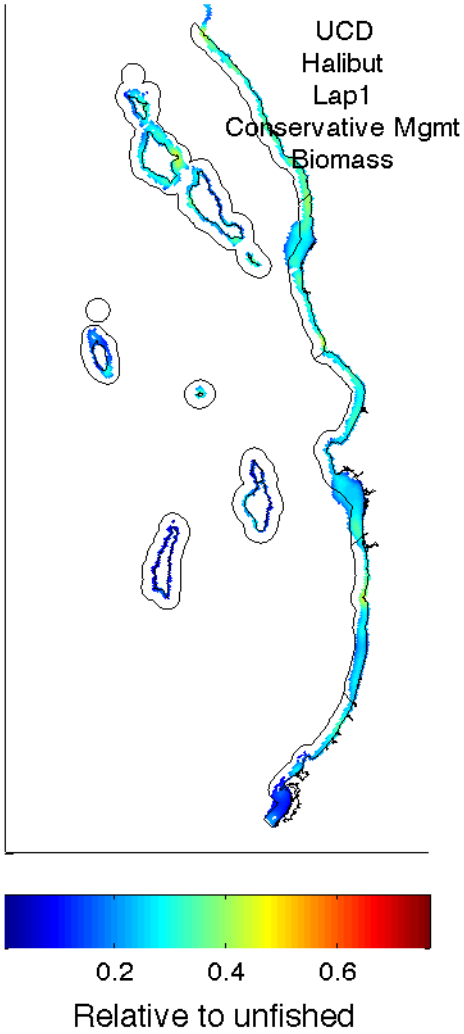

MPA boundaries
Halibut
Lap1

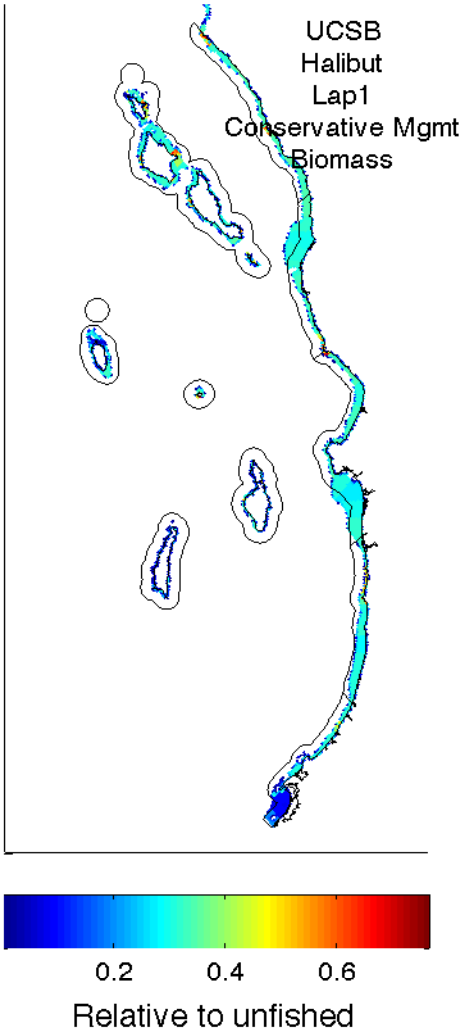

UCD
Halibut
Lap1
UnsucMgmt
Larval
Production
-50
0
50
100
150
% Change

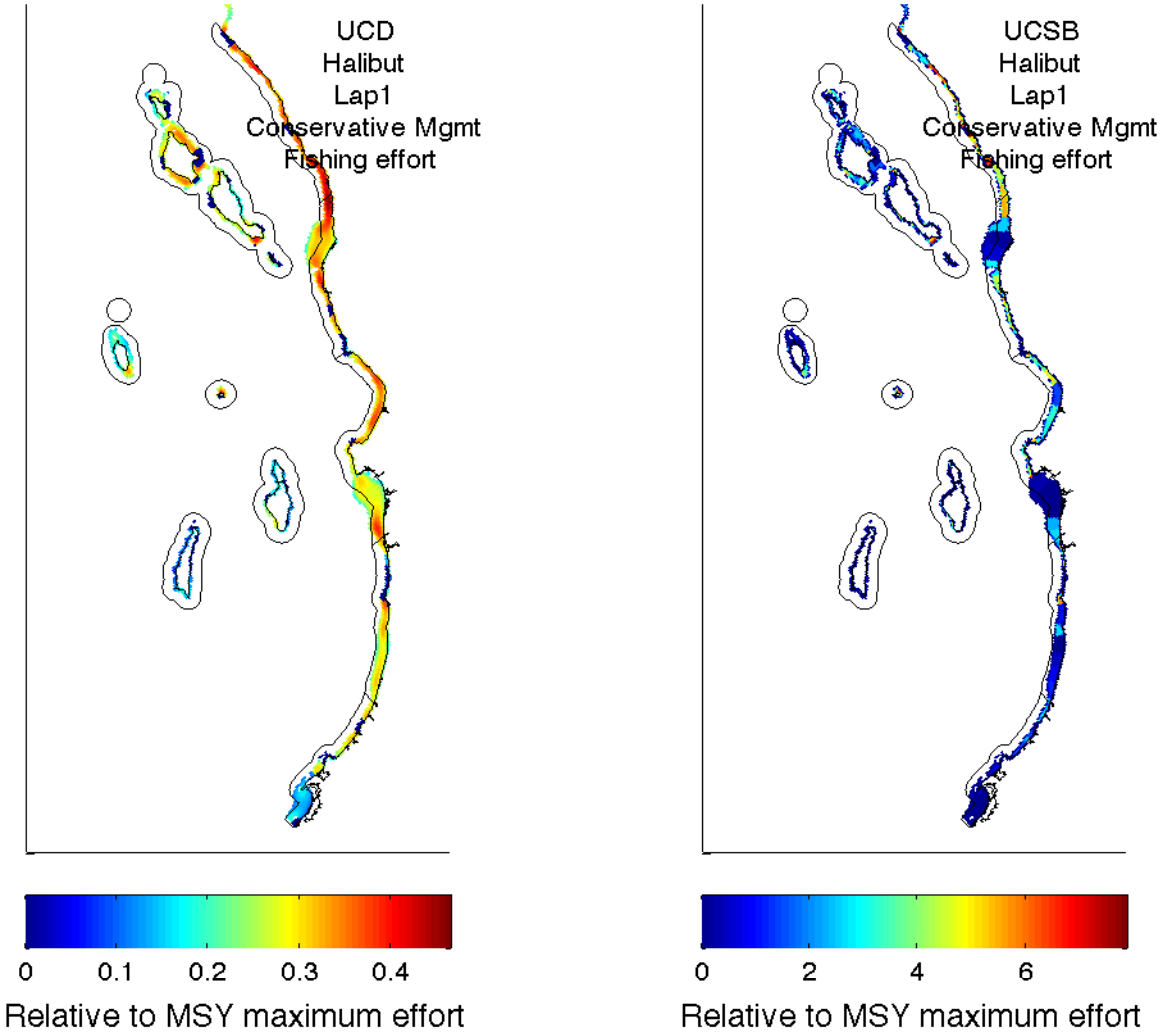

UCD
Halibut
Lap1
UnsucMgmt
Larval
Supply
-6
-4
-2
0
2
% Change

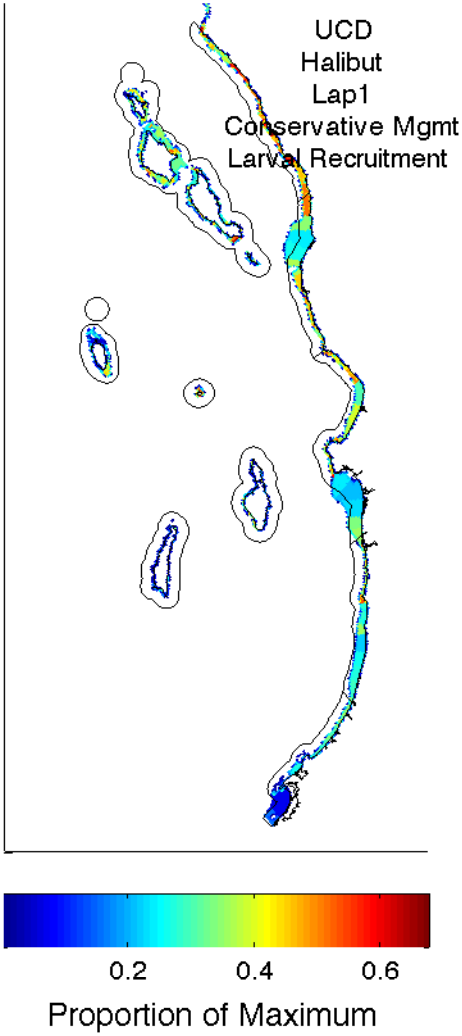

UCSB
Halibut
Lap1
MSYMgmt
Larval
Production
-50
0
50
100
150
% Change

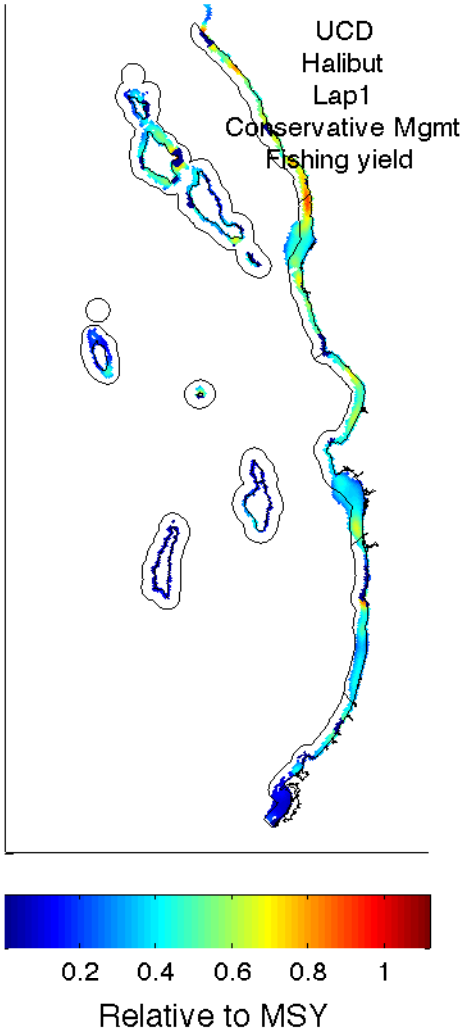

UCSB
Halibut
Lap1
MSYMgmt
Larval
Supply
0
1
2
3
% Change

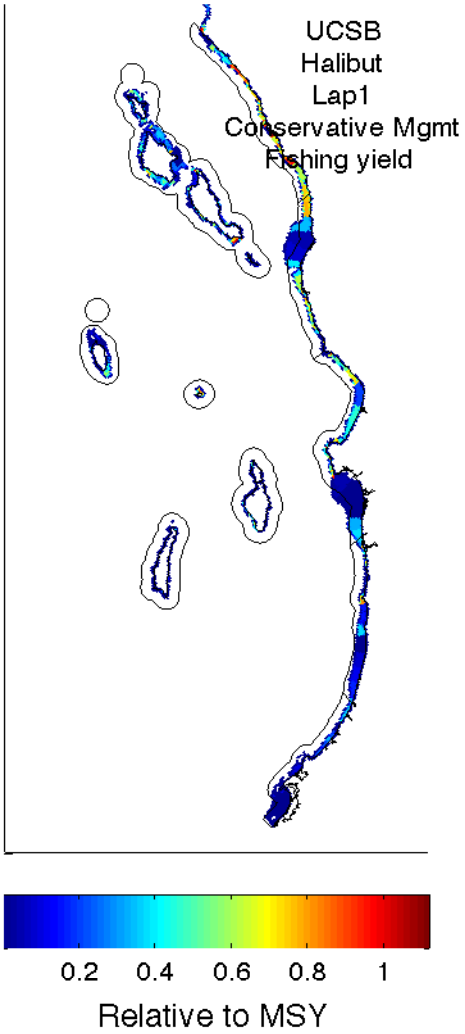

UCD
Halibut
Lap1
Conservative Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished

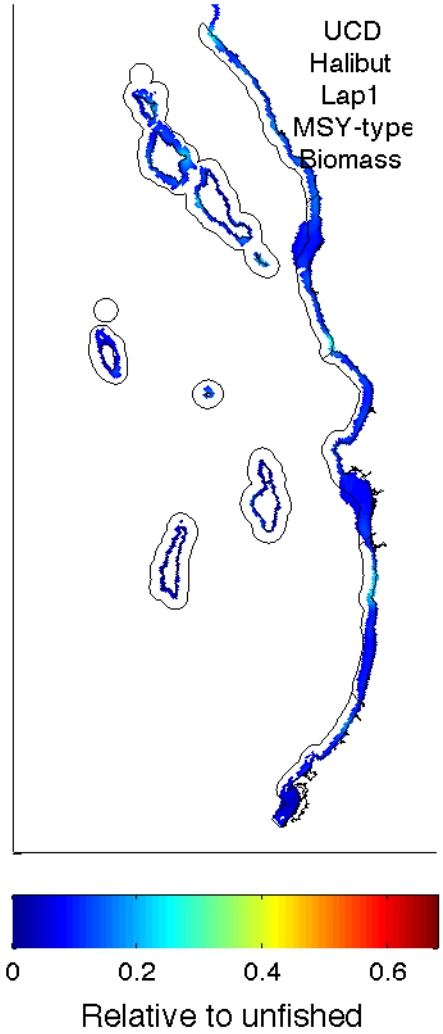

UCSB
Halibut
Lap1
Conservative Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished

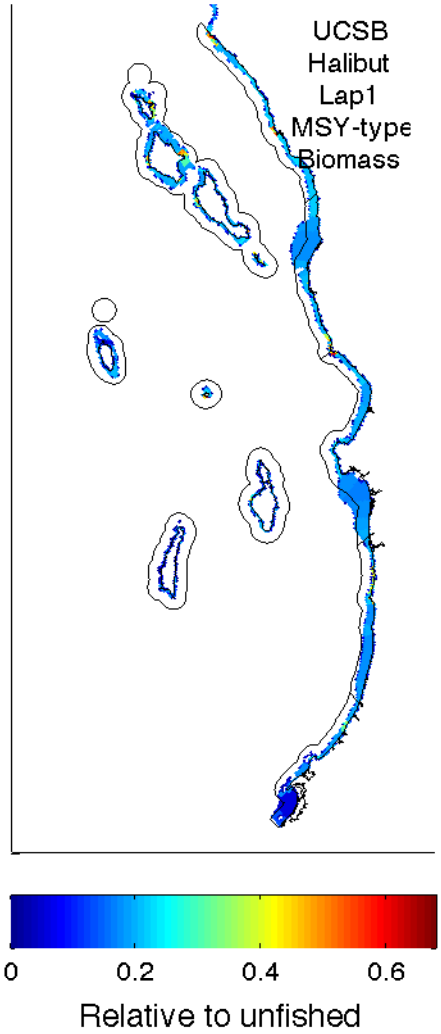

UCD
Halibut
Lap1
Conservative Mgmt
Fishing effort
0
0.1
0.2
0.3
0.4
Relative to MSY maximum effort
UCSB
Halibut
Lap1
Conservative Mgmt
Fishing effort
0
2
4
6
Relative to MSY maximum effort

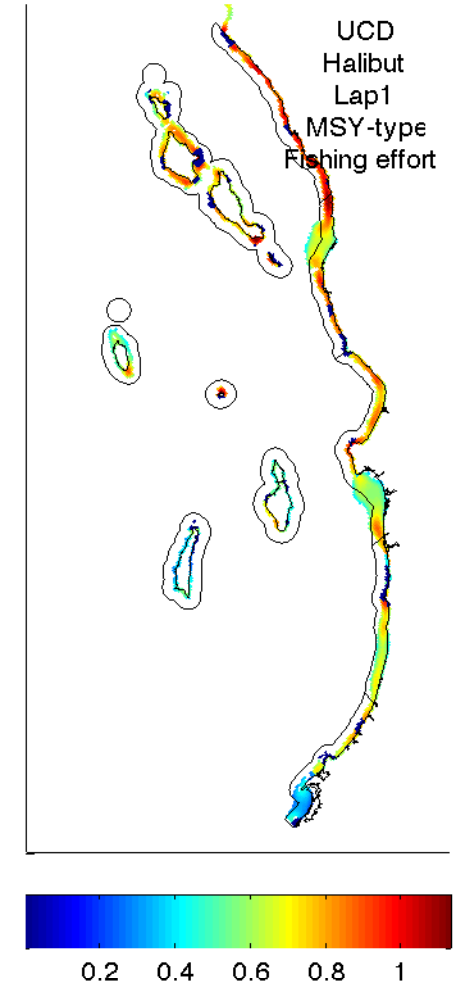

UCD
Halibut
Lap1
Conservative Mgmt
Larval Recruitment
0.2
0.4
0.6
Proportion of Maximum

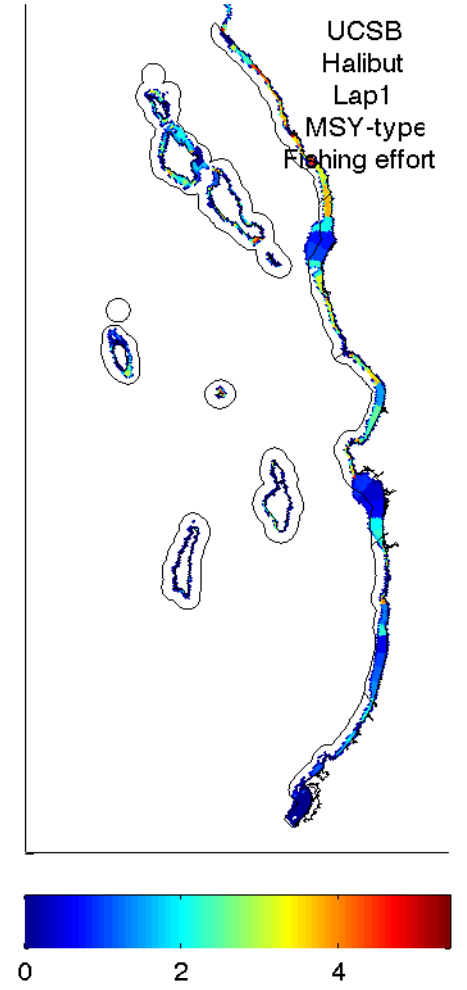

UCD
Halibut
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

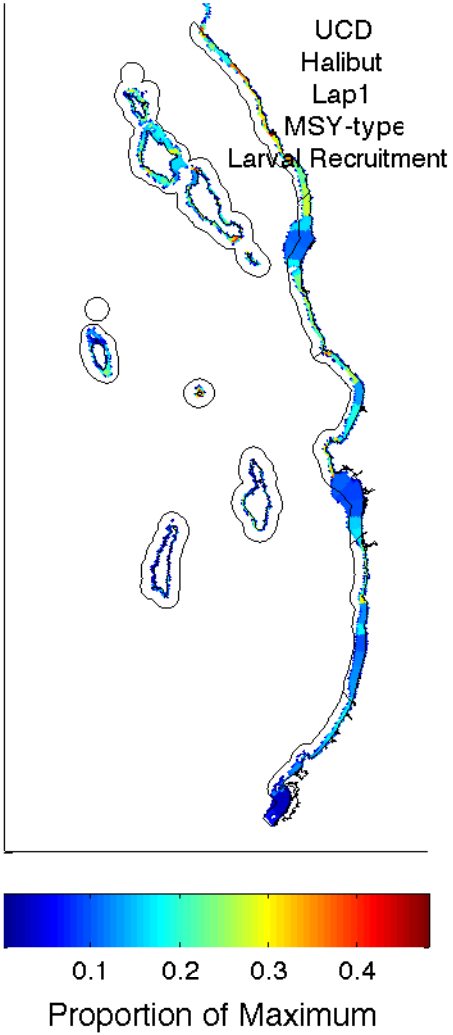

UCSB
Halibut
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

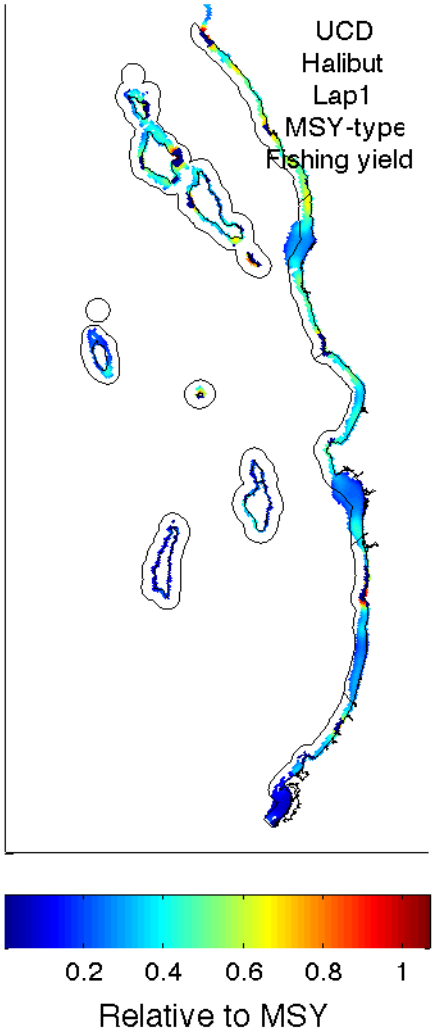

UCD
Halibut
Lap1
MSY-type
Biomass
0
0.2
0.4
0.6
Relative to unfished

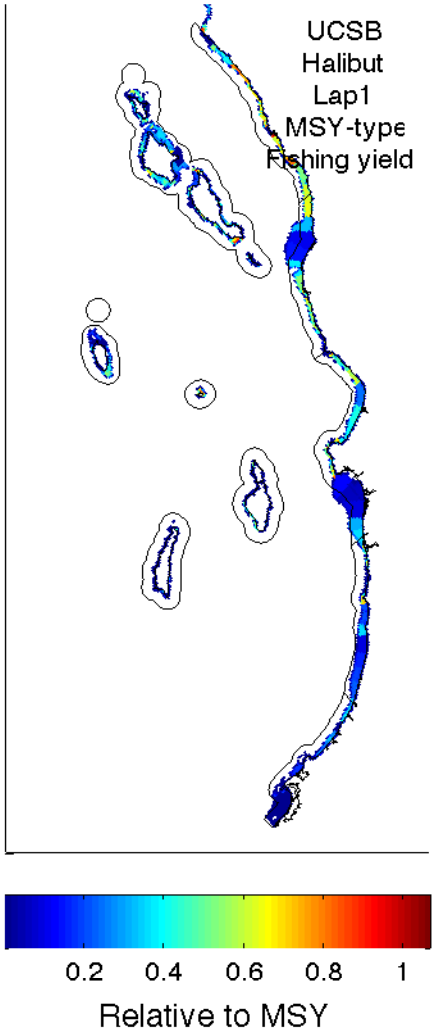

UCSB
Halibut
Lap1
MSY-type
Biomass
0
0.2
0.4
0.6
Relative to unfished

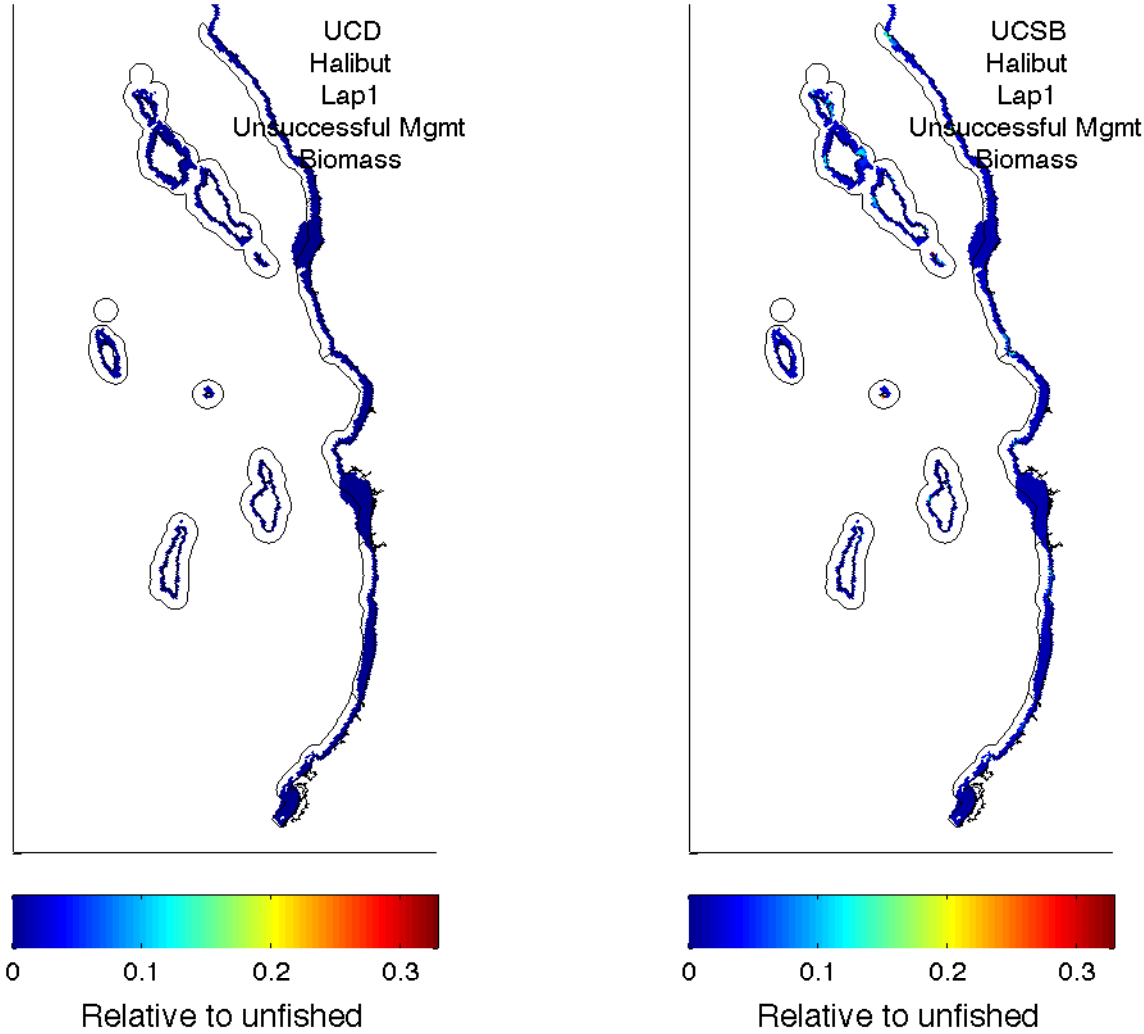

UCD
Halibut
Lap1
MSY-type
Fishing effort
0.2
0.4
0.6
0.8
1
Relative to MSY maximum effort

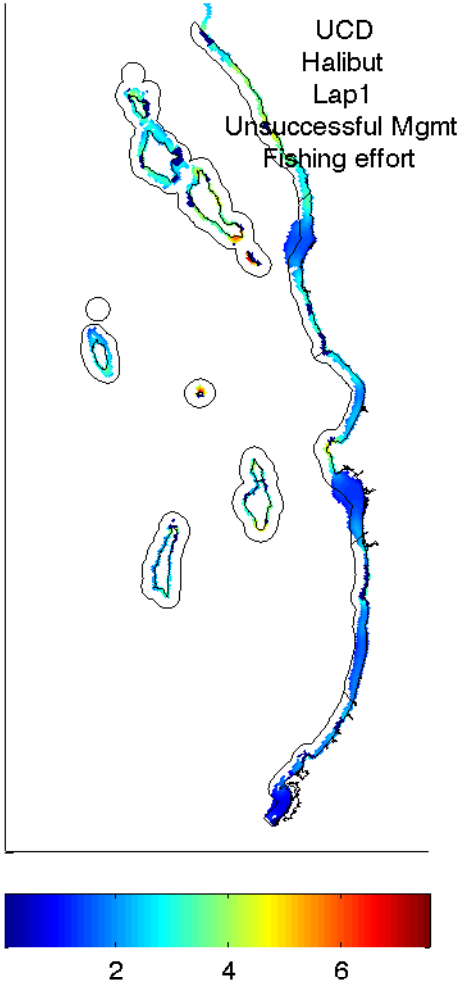

UCSB
Halibut
Lap1
MSY-type
Fishing effort
0
2
4
Relative to MSY maximum effort

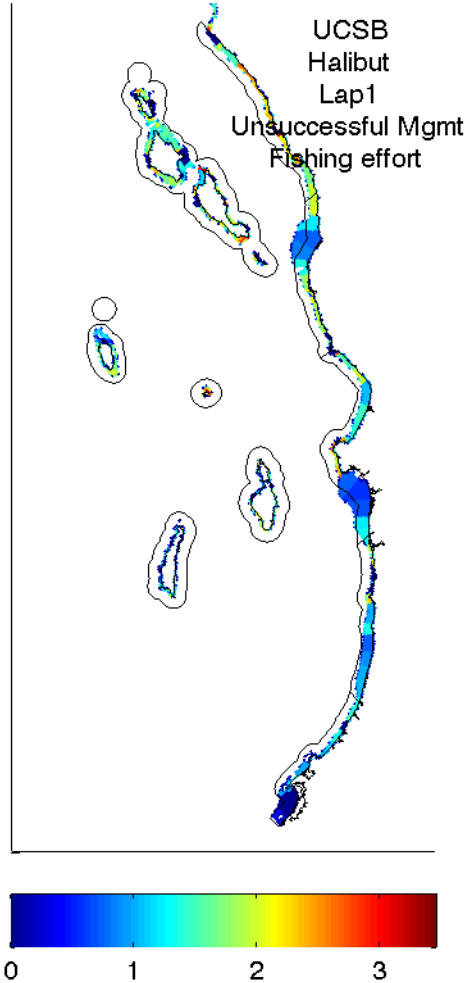

UCD
Halibut
Lap1
MSY-type
Larval Recruitment
0.1
0.2
0.3
0.4
Proportion of Maximum

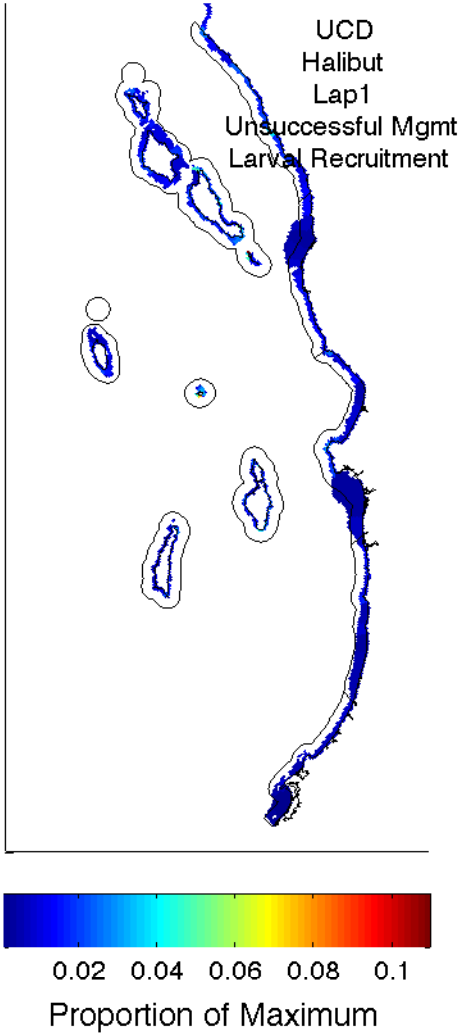

UCD
Halibut
Lap1
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

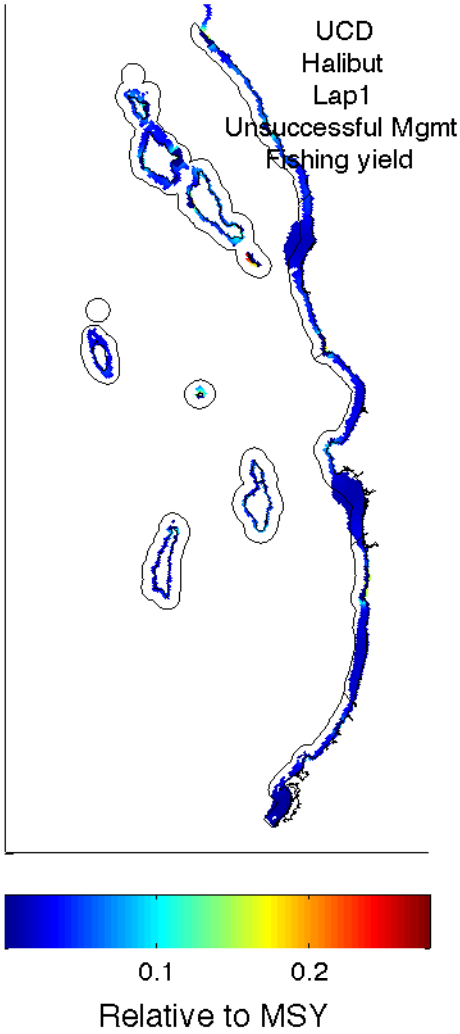

UCSB
Halibut
Lap1
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

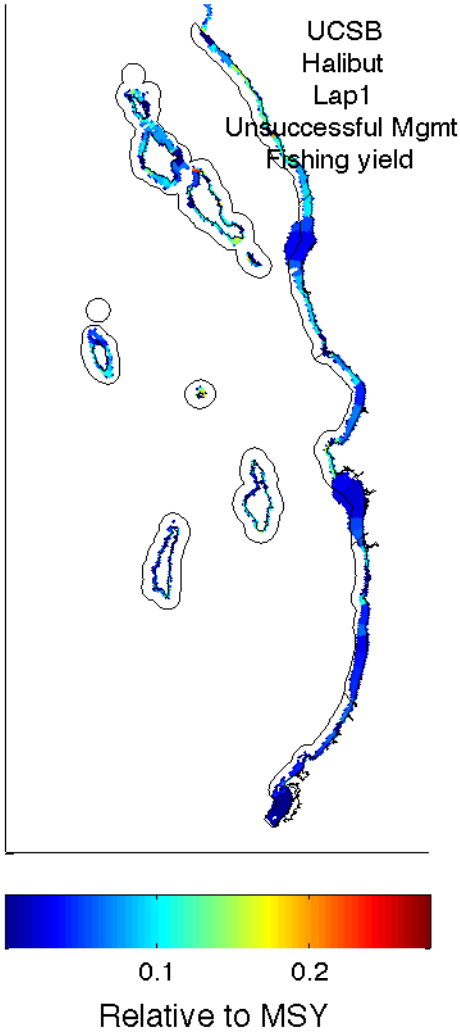

UCD
Halibut
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
0.3
Relative to unfished
UCSB
Halibut
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
0.3
Relative to unfished

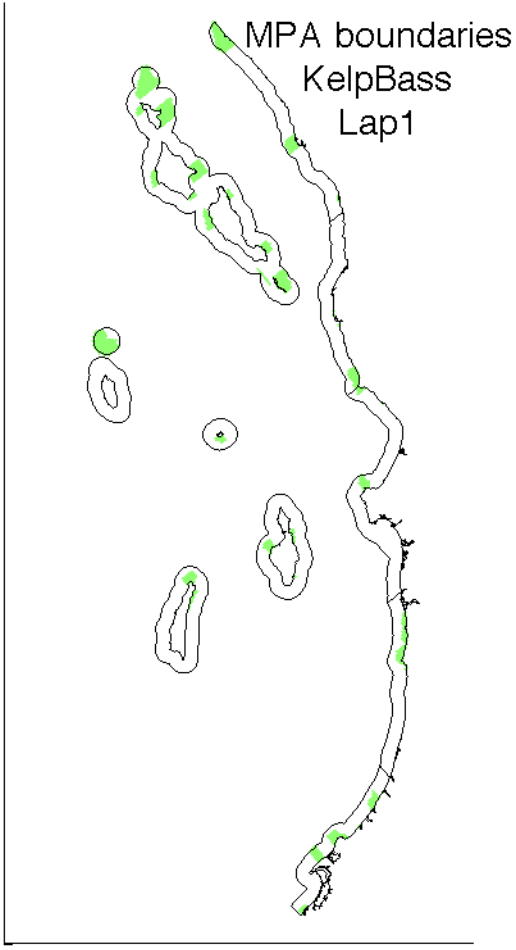

UCD
Halibut
Lap1
Unsuccessful Mgmt
Fishing effort
2
4
6
Relative to MSY maximum effort

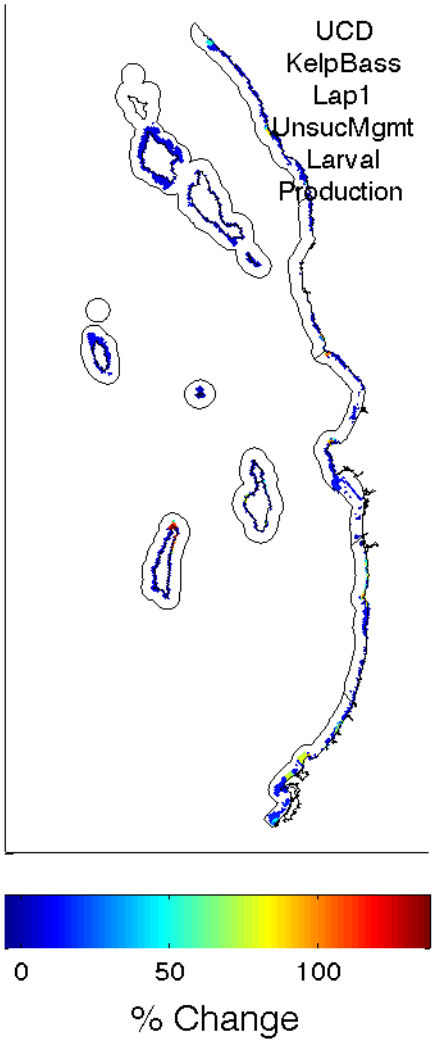

UCSB
Halibut
Lap1
Unsuccessful Mgmt
Fishing effort
0
1
2
3
Relative to MSY maximum effort

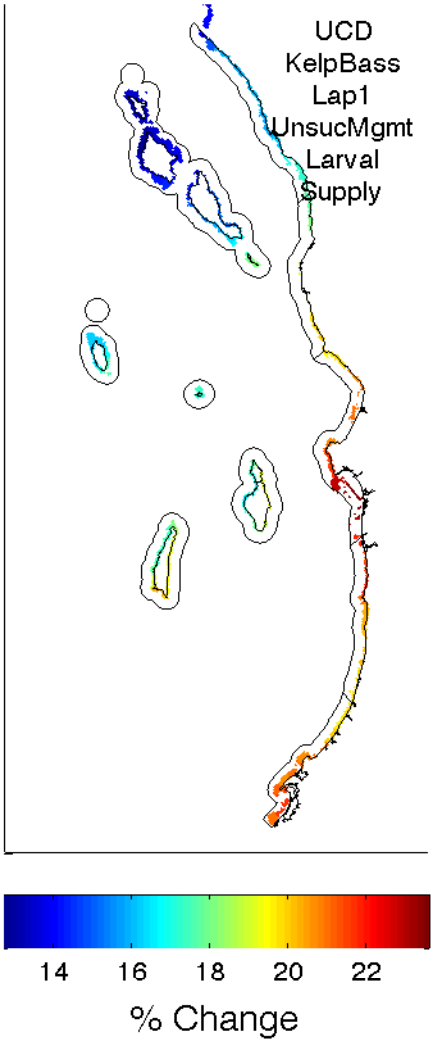

UCD
Halibut
Lap1
Unsuccessful Mgmt
Larval Recruitment
0.02
0.04
0.06
0.08
0.1
Proportion of Maximum

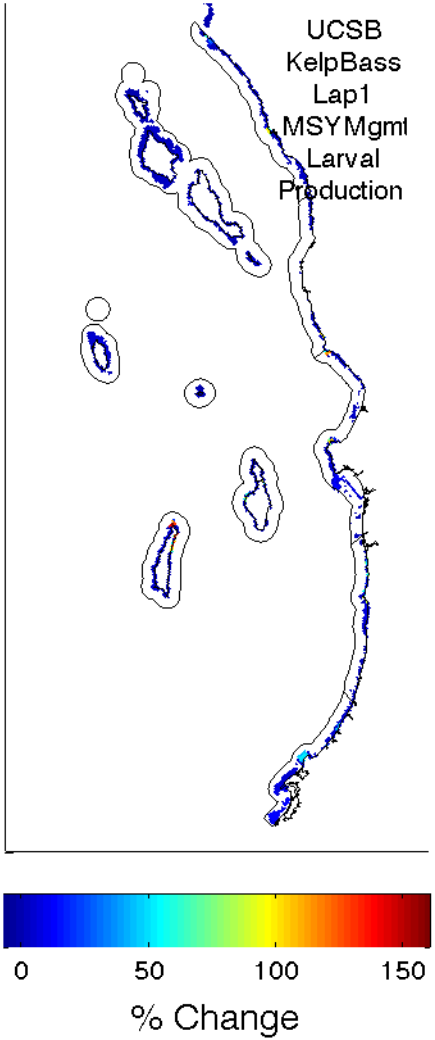

UCD
Halibut
Lap1
Unsuccessful Mgmt
Fishing yield
0.1
0.2
Relative to MSY

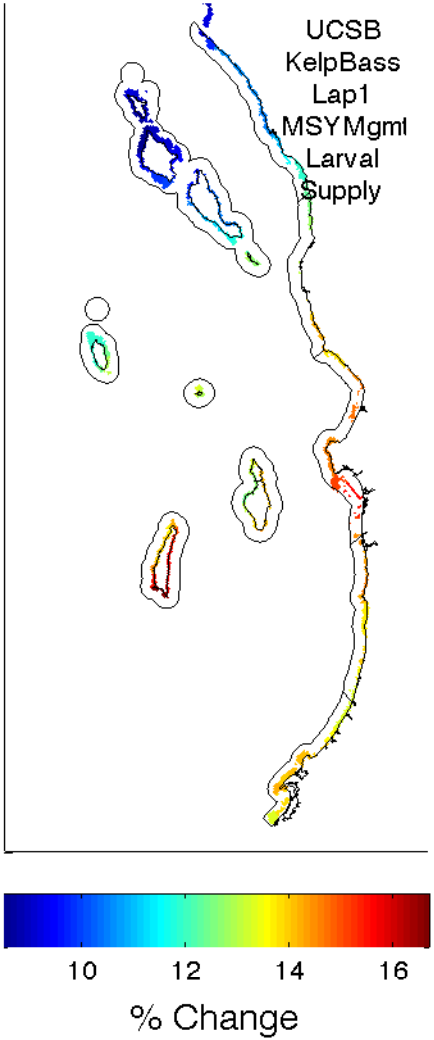

UCSB
Halibut
Lap1
Unsuccessful Mgmt
Fishing yield
0.1
0.2
Relative to MSY

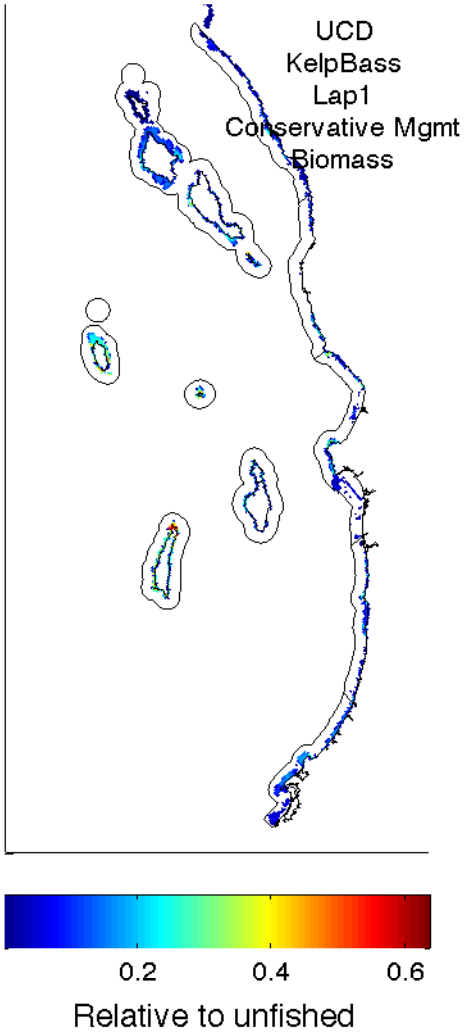

MPA boundaries
KelpBass
Lap1

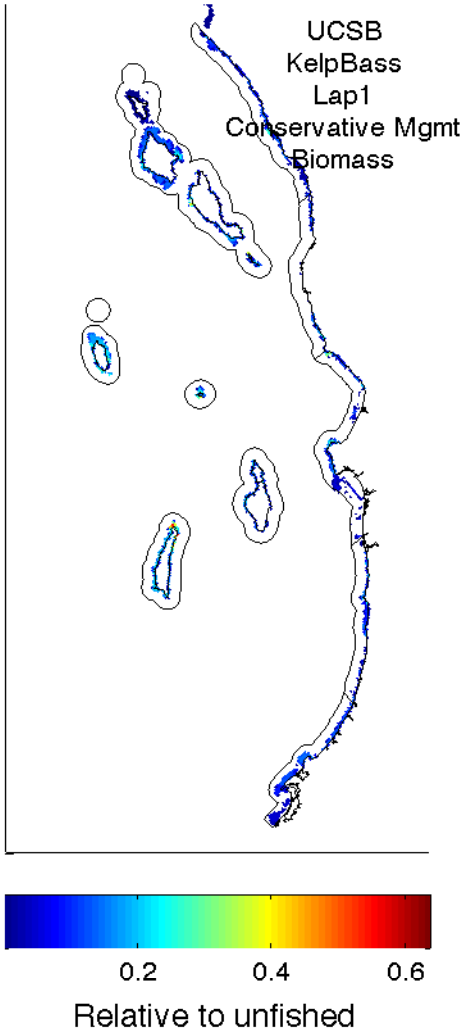

UCD
KelpBass
Lap1
UnsucMgmt
Larval
Production
0
50
100
% Change

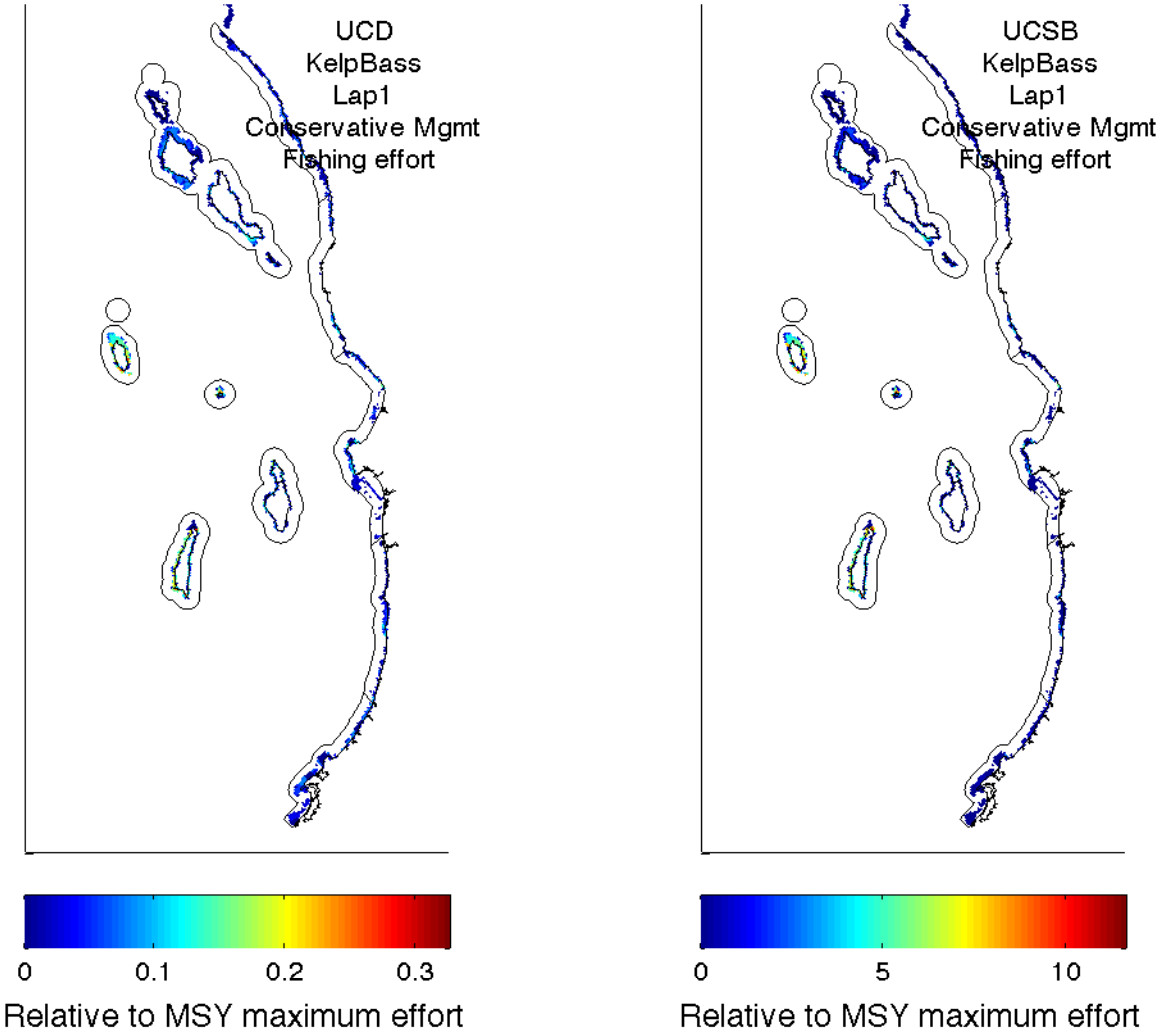

UCD
KelpBass
Lap1
UnsucMgmt
Larval
Supply
14
16
18
20
22
% Change

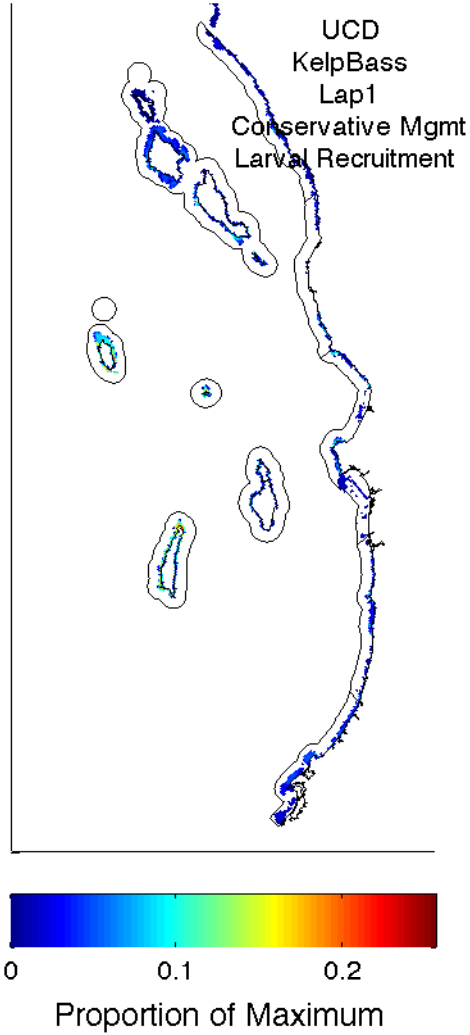

UCSB
KelpBass
Lap1
MSYMgmt
Larval
Production
0
50
100
150
% Change

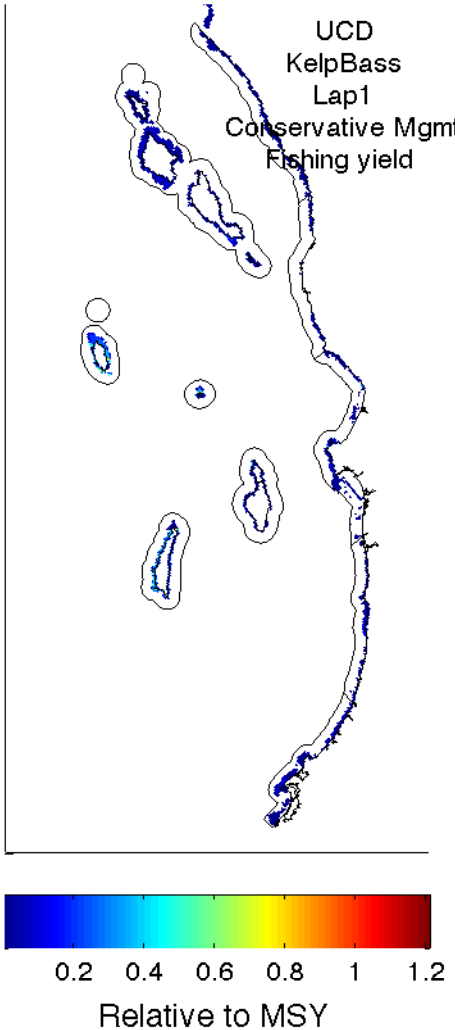

UCSB
KelpBass
Lap1
MSYMgmt
Larval
Supply
10
12
14
16
% Change

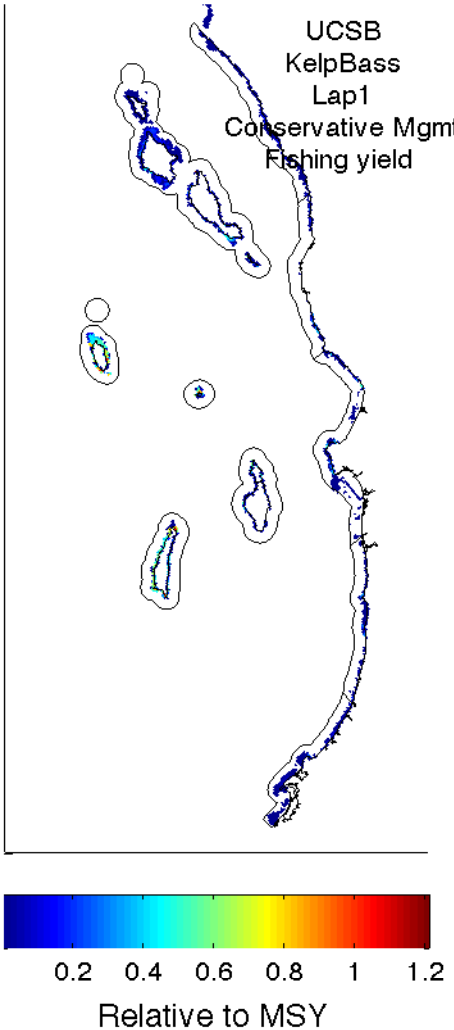

UCD
KelpBass
Lap1
Conservative Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished

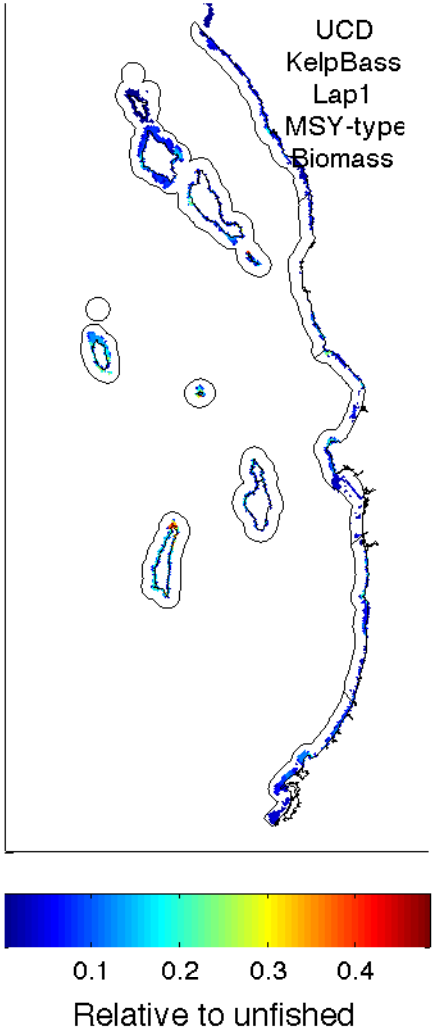

UCSB
KelpBass
Lap1
Conservative Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished

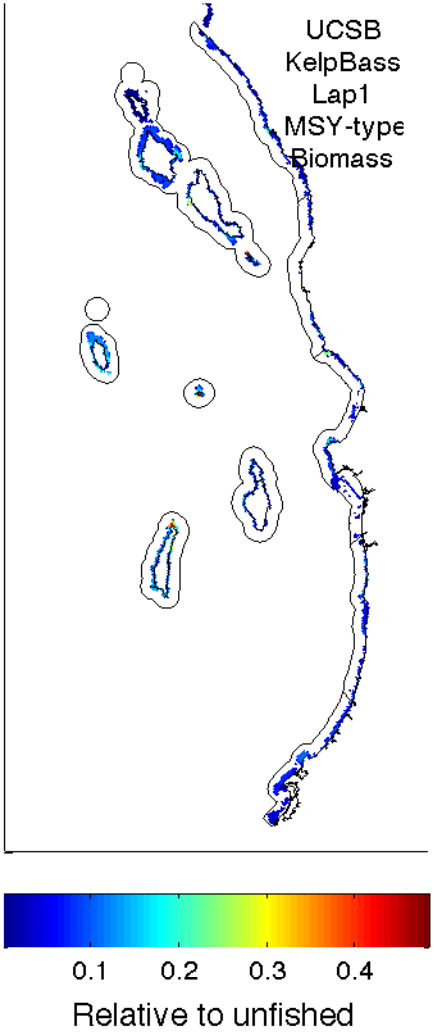

UCD
KelpBass
Lap1
Conservative Mgmt
Fishing effort
0
0.1
0.2
0.3
Relative to MSY maximum effort
UCSB
KelpBass
Lap1
Conservative Mgmt
Fishing effort
0
5
10
Relative to MSY maximum effort

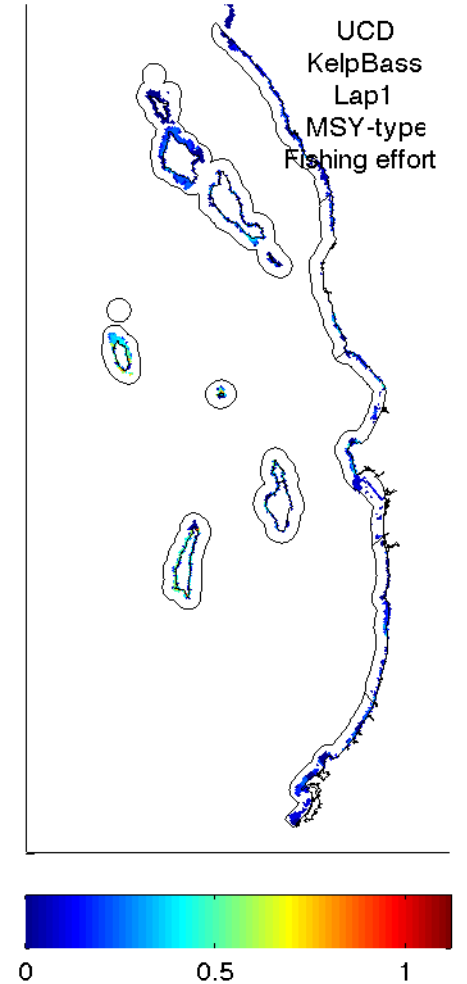

UCD
KelpBass
Lap1
Conservative Mgmt
Larval Recruitment
0
0.1
0.2
Proportion of Maximum

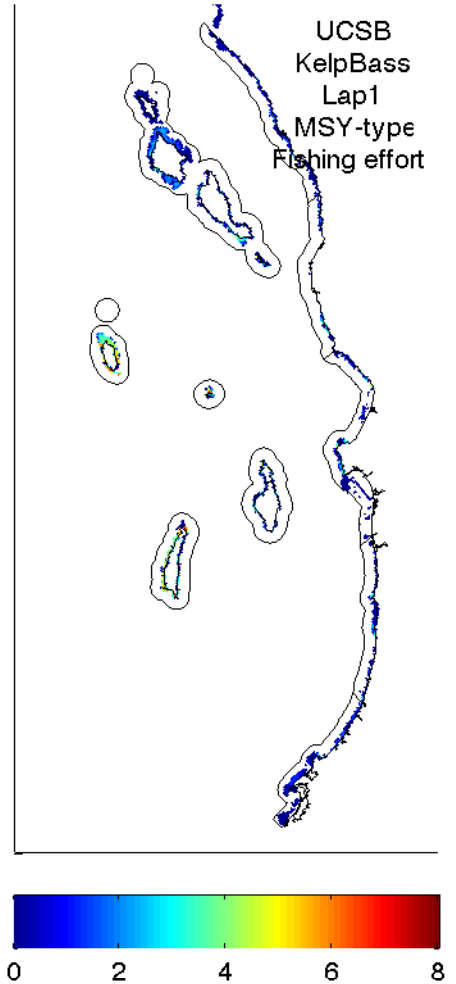

UCD
KelpBass
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

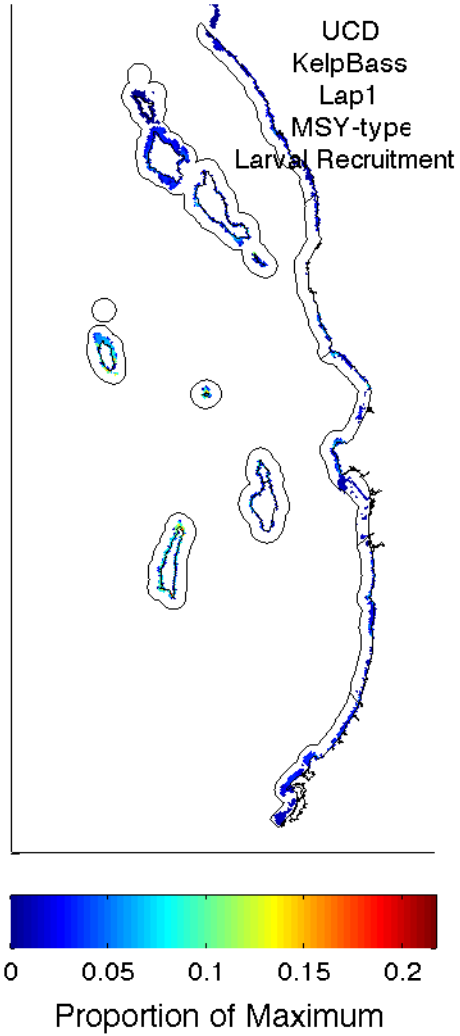

UCSB
KelpBass
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

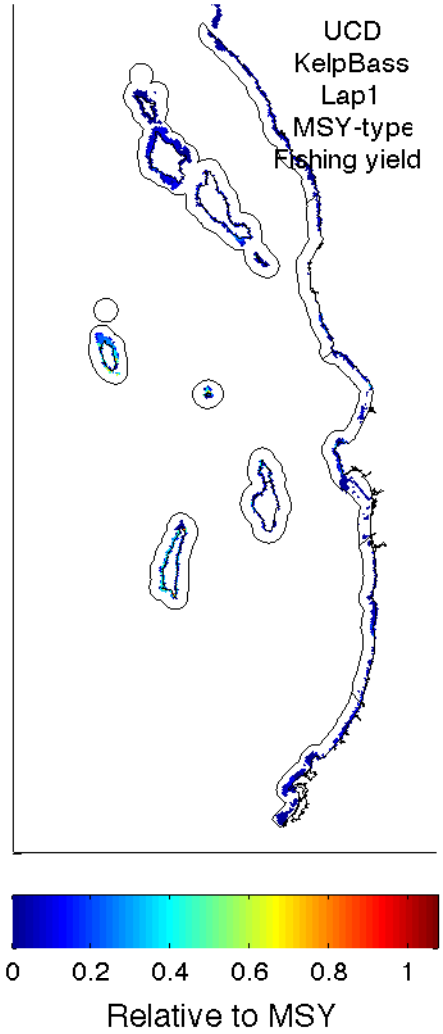

UCD
KelpBass
Lap1
MSY-type
Biomass
0.1
0.2
0.3
0.4
Relative to unfished

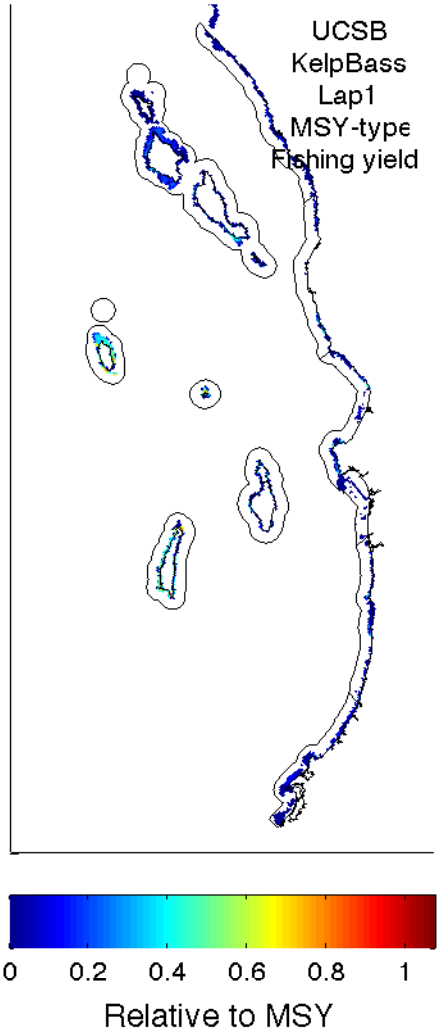

UCSB
KelpBass
Lap1
MSY-type
Biomass
0.1
0.2
0.3
0.4
Relative to unfished

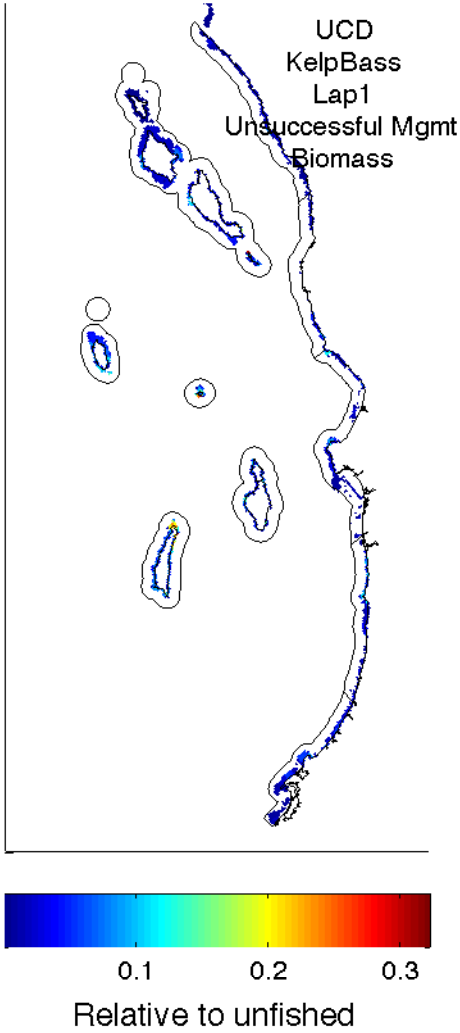

UCD
KelpBass
Lap1
MSY-type
Fishing effort
0
0.5
1
Relative to MSY maximum effort

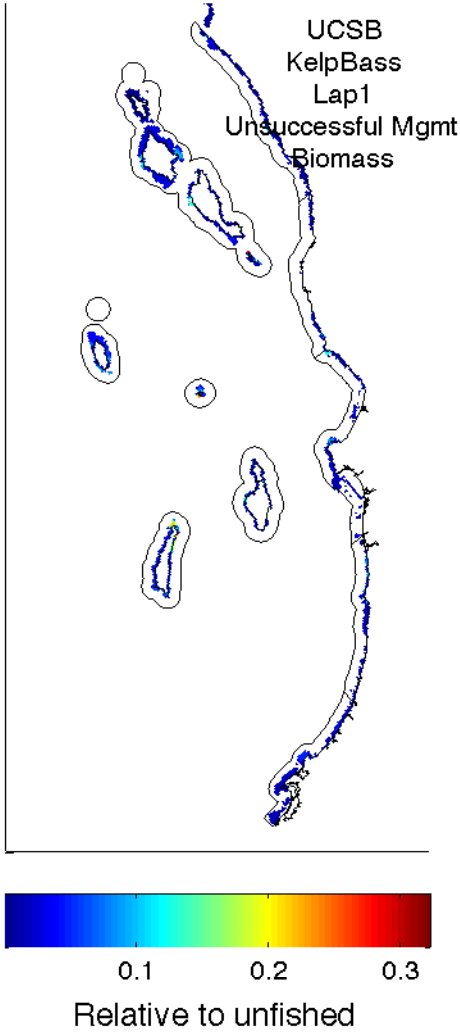

UCSB
KelpBass
Lap1
MSY-type
Fishing effort
0
2
4
6
8
Relative to MSY maximum effort

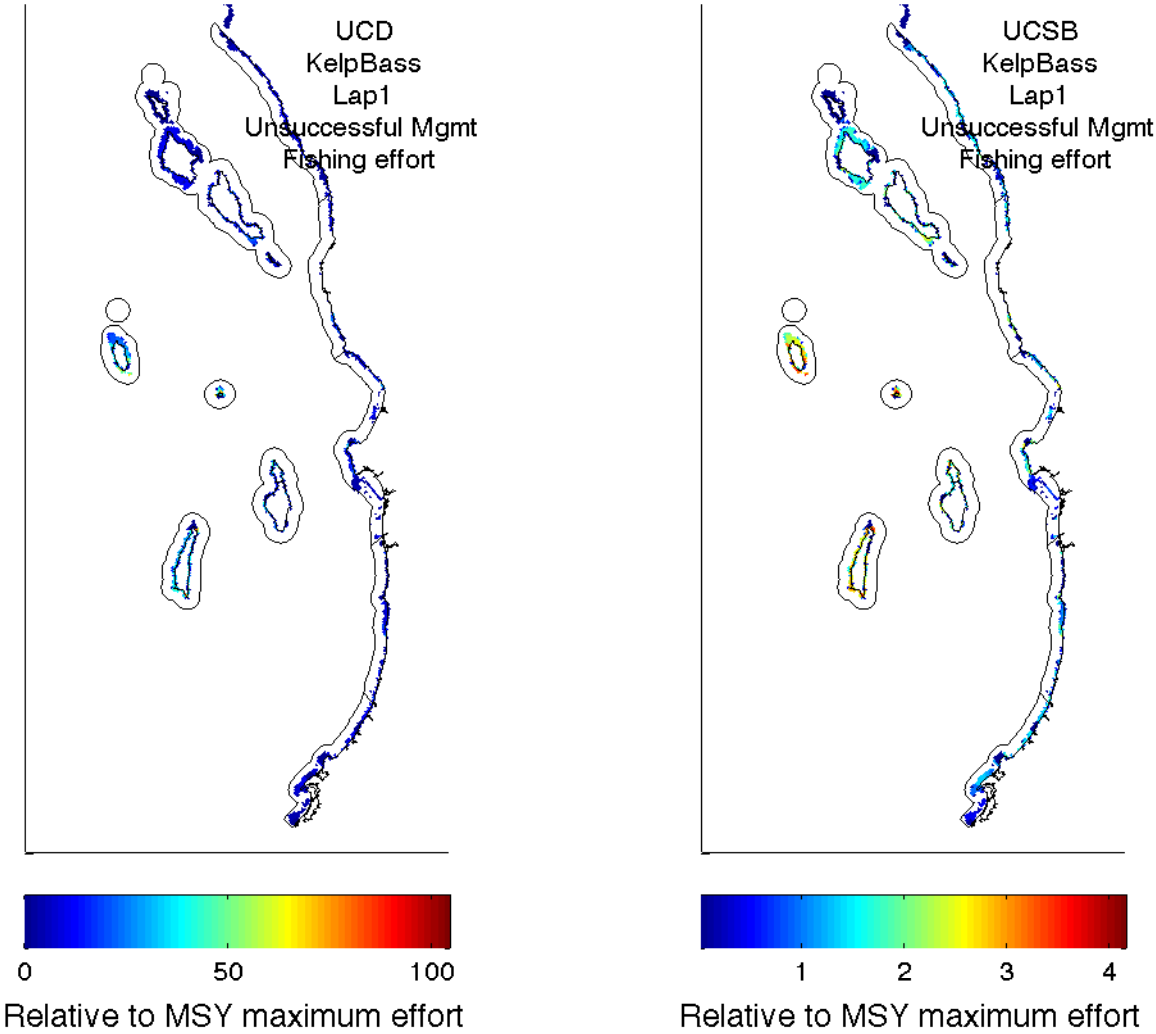

UCD
KelpBass
Lap1
MSY-type
Larval Recruitment
0
0.05
0.1
0.15
0.2
Proportion of Maximum

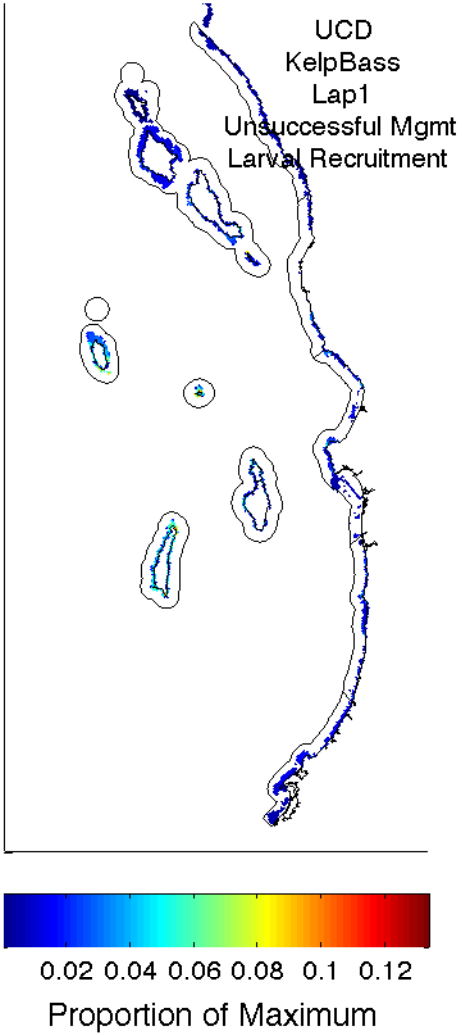

UCD
KelpBass
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY

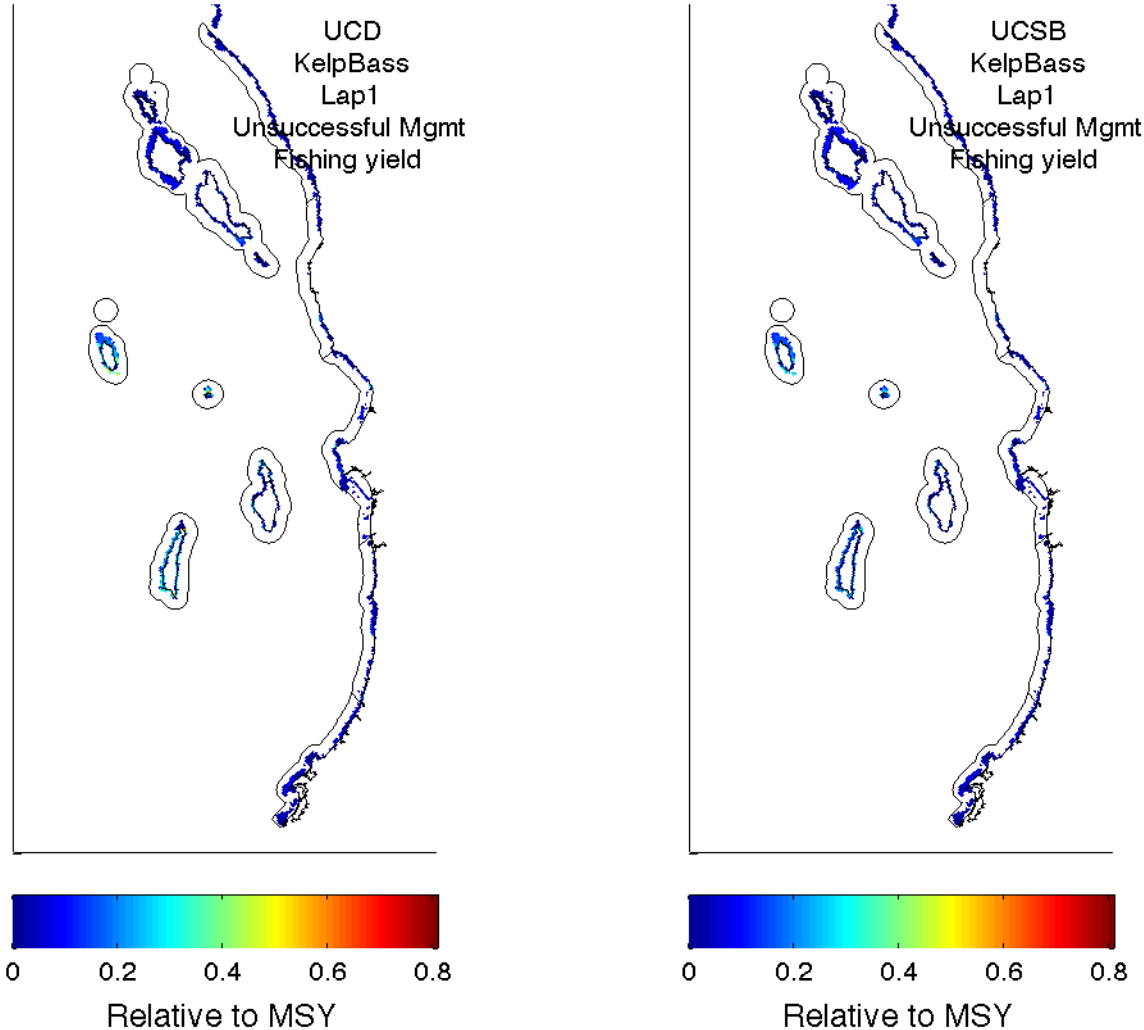

UCSB
KelpBass
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY

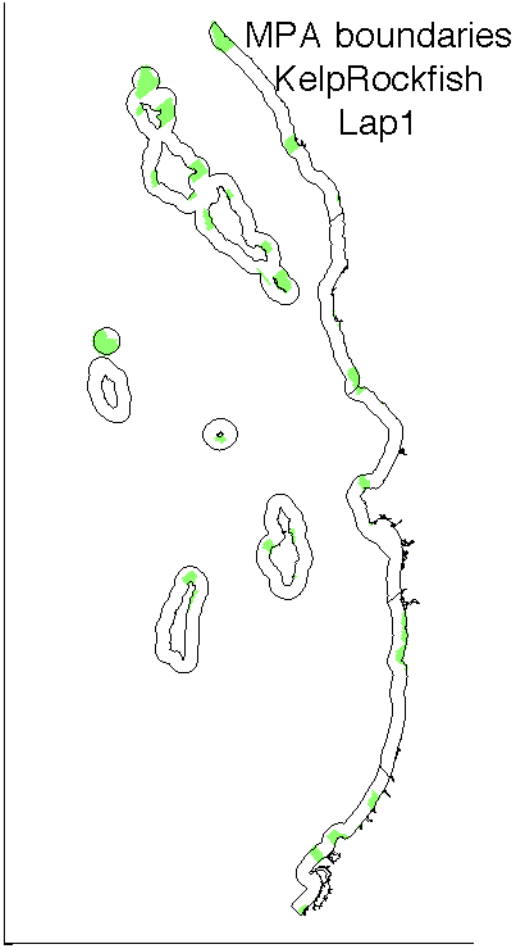

UCD
KelpBass
Lap1
Unsuccessful Mgmt
Biomass
0.1
0.2
0.3
Relative to unfished

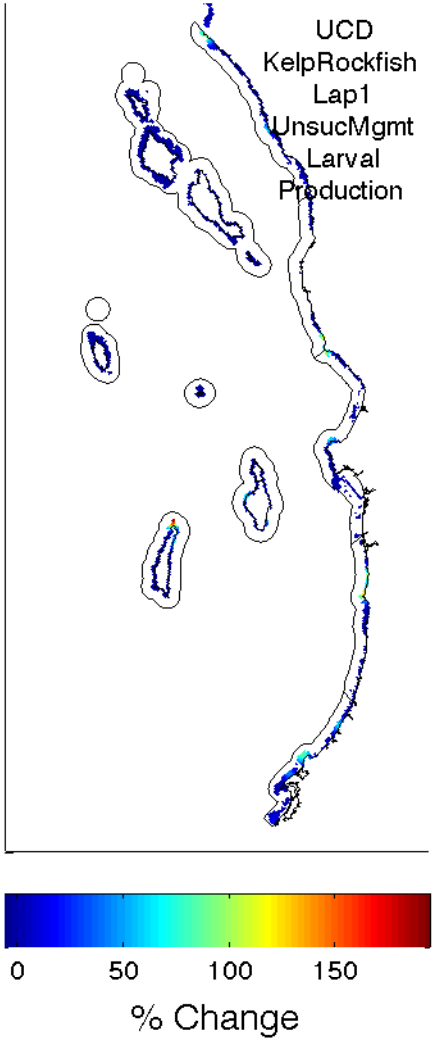

UCSB
KelpBass
Lap1
Unsuccessful Mgmt
Biomass
0.1
0.2
0.3
Relative to unfished

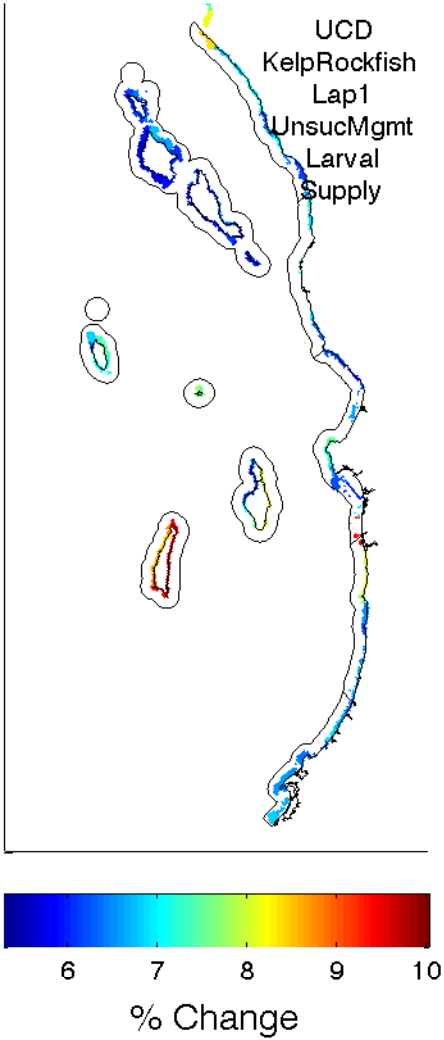

UCD
KelpBass
Lap1
Unsuccessful Mgmt
Fishing effort
0
50
100
Relative to MSY maximum effort
UCSB
KelpBass
Lap1
Unsuccessful Mgmt
Fishing effort
1
2
3
4
Relative to MSY maximum effort

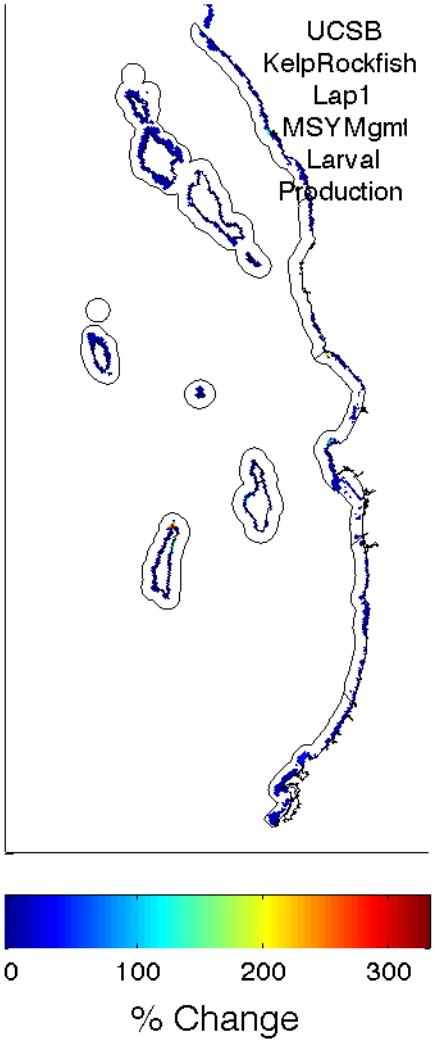

UCD
KelpBass
Lap1
Unsuccessful Mgmt
Larval Recruitment
0.02 0.04 0.06 0.08 0.1 0.12
Proportion of Maximum

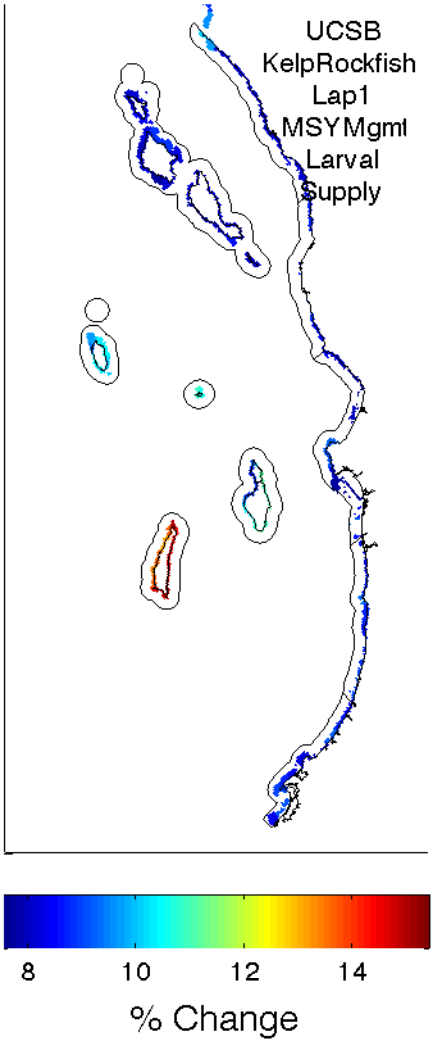

UCD
KelpBass
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY
UCSB
KelpBass
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

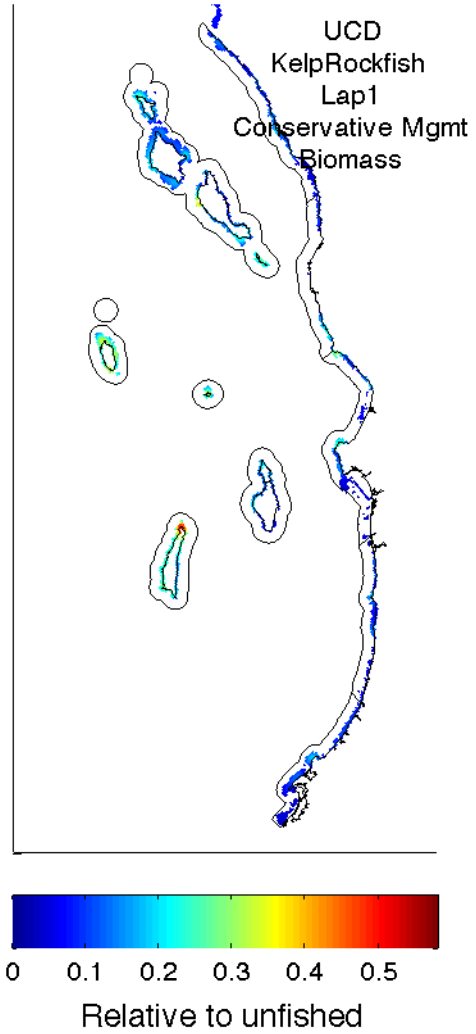

MPA boundaries
KelpRockfish
Lap1

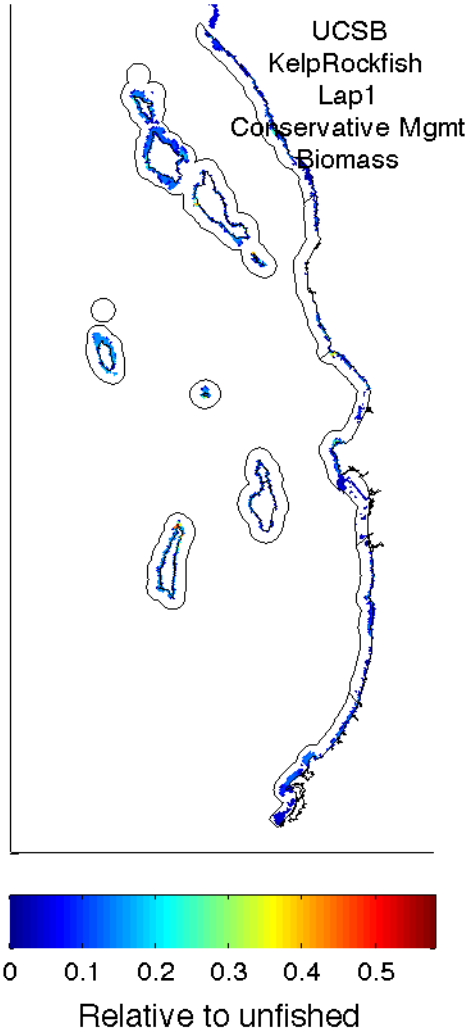

UCD
KelpRockfish
Lap1
UnsucMgmt
Larval
Production
0
50
100
150
% Change

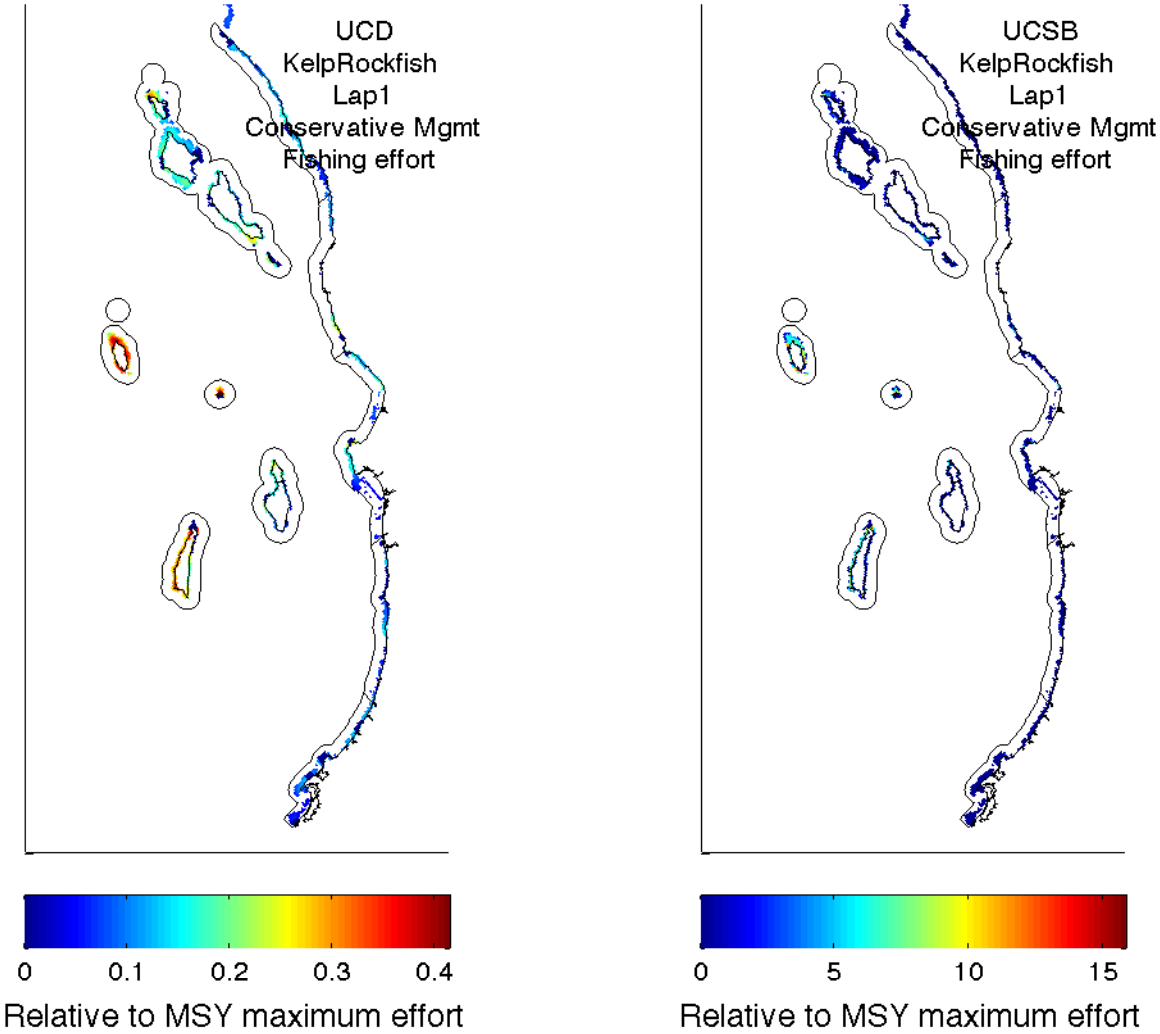

UCD
KelpRockfish
Lap1
UnsucMgmt
Larval
Supply
6
7
8
9
10
% Change

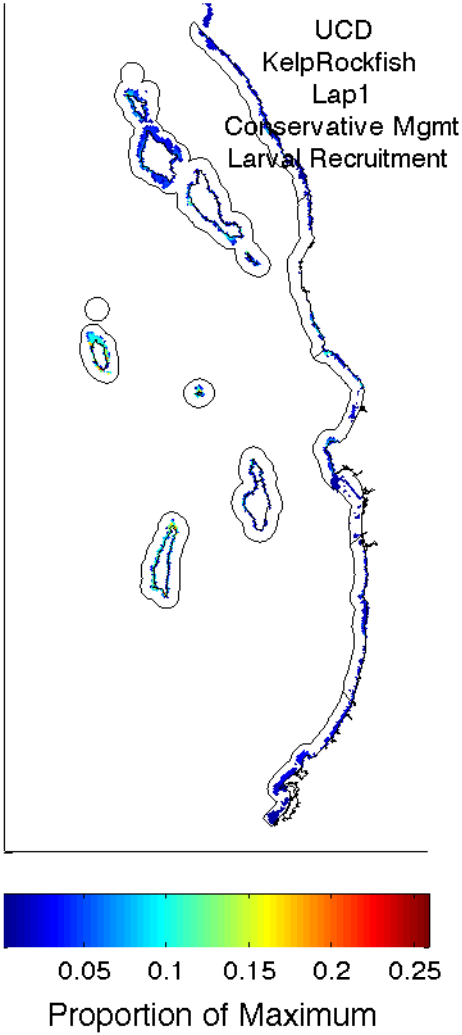

UCSB
KelpRockfish
Lap1
MSYMgmt
Larval
Production
0
100
200
300
% Change

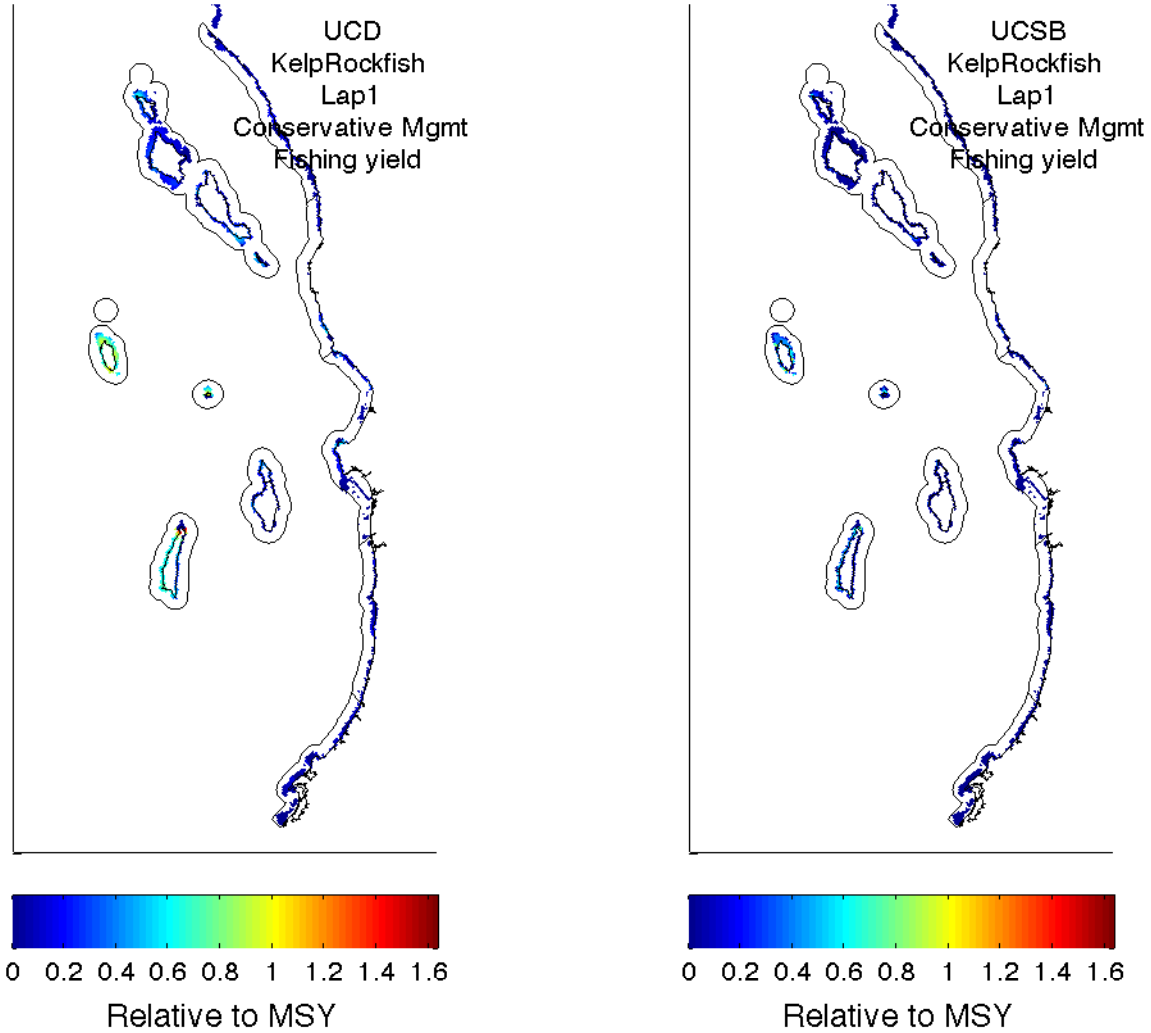

UCSB
KelpRockfish
Lap1
MSYMgmt
Larval
Supply
8
10
12
14
% Change

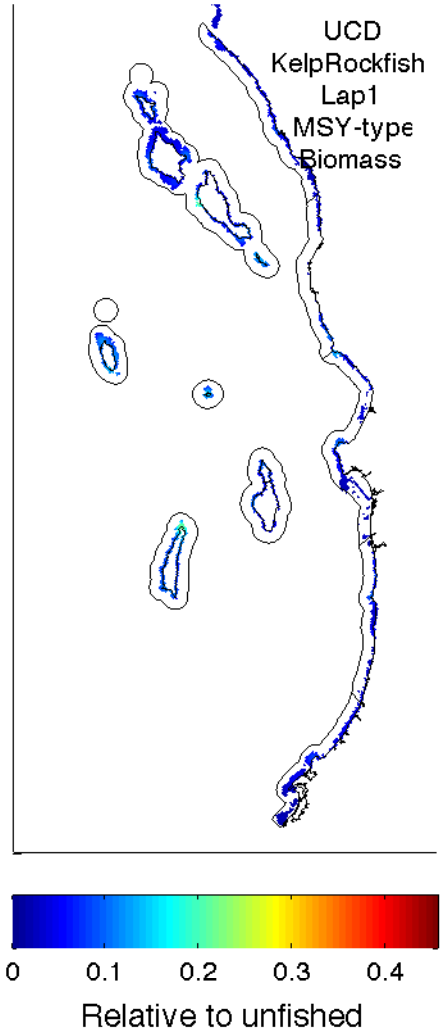

UCD
KelpRockfish
Lap1
Conservative Mgmt
Biomass
0
0.1
0.2
0.3
0.4
0.5
Relative to unfished

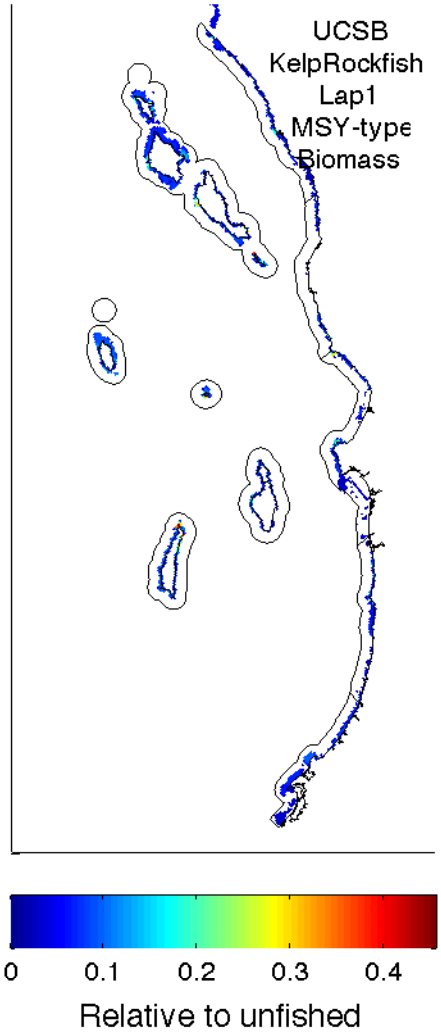

UCSB
KelpRockfish
Lap1
Conservative Mgmt
Biomass
0
0.1
0.2
0.3
0.4
0.5
Relative to unfished

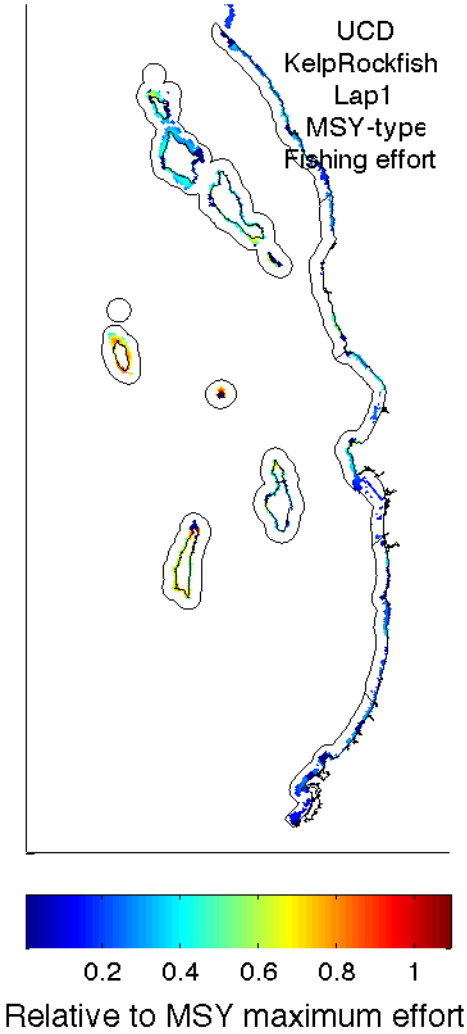

UCD
KelpRockfish
Lap1
Conservative Mgmt
Fishing effort
0
0.1
0.2
0.3
0.4
Relative to MSY maximum effort
UCSB
KelpRockfish
Lap1
Conservative Mgmt
Fishing effort
0
5
10
15
Relative to MSY maximum effort

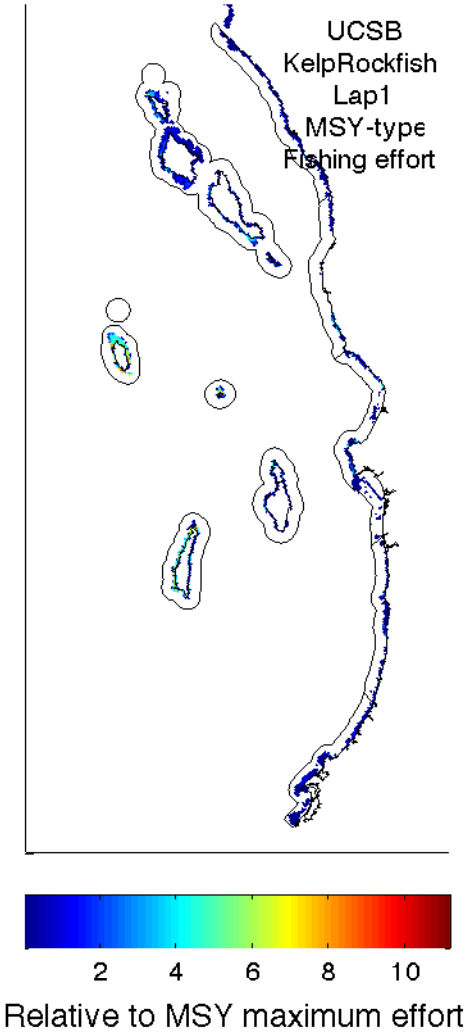

UCD
KelpRockfish
Lap1
Conservative Mgmt
Larval Recruitment
0.05
0.1
0.15
0.2
0.25
Proportion of Maximum

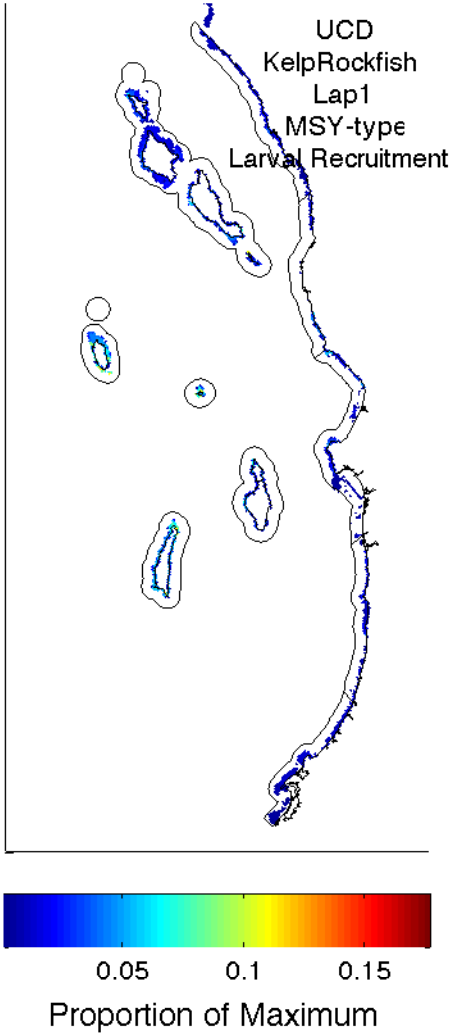

UCD
KelpRockfish
Lap1
Conservative Mgmt
Fishing yield
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6
Relative to MSY
UCSB
KelpRockfish
Lap1
Conservative Mgmt
Fishing yield
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6
Relative to MSY

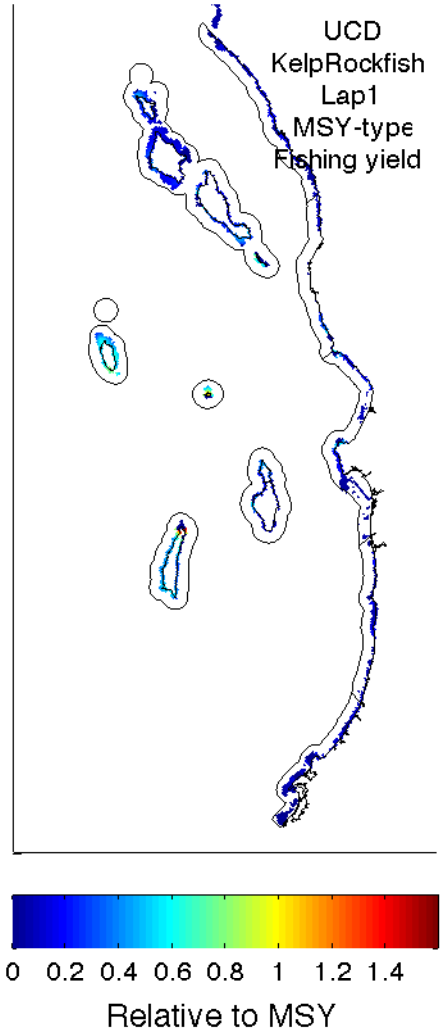

UCD
KelpRockfish
Lap1
MSY-type
Biomass
0
0.1
0.2
0.3
0.4
Relative to unfished

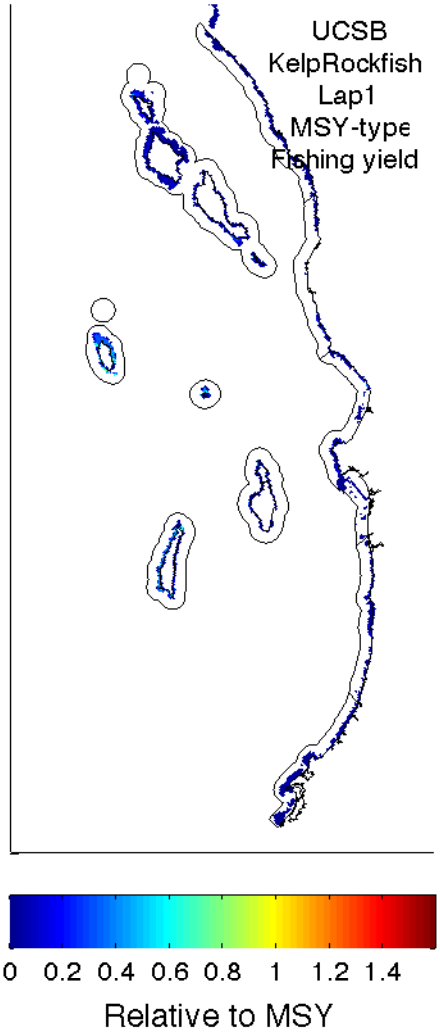

UCSB
KelpRockfish
Lap1
MSY-type
Biomass
0
0.1
0.2
0.3
0.4
Relative to unfished

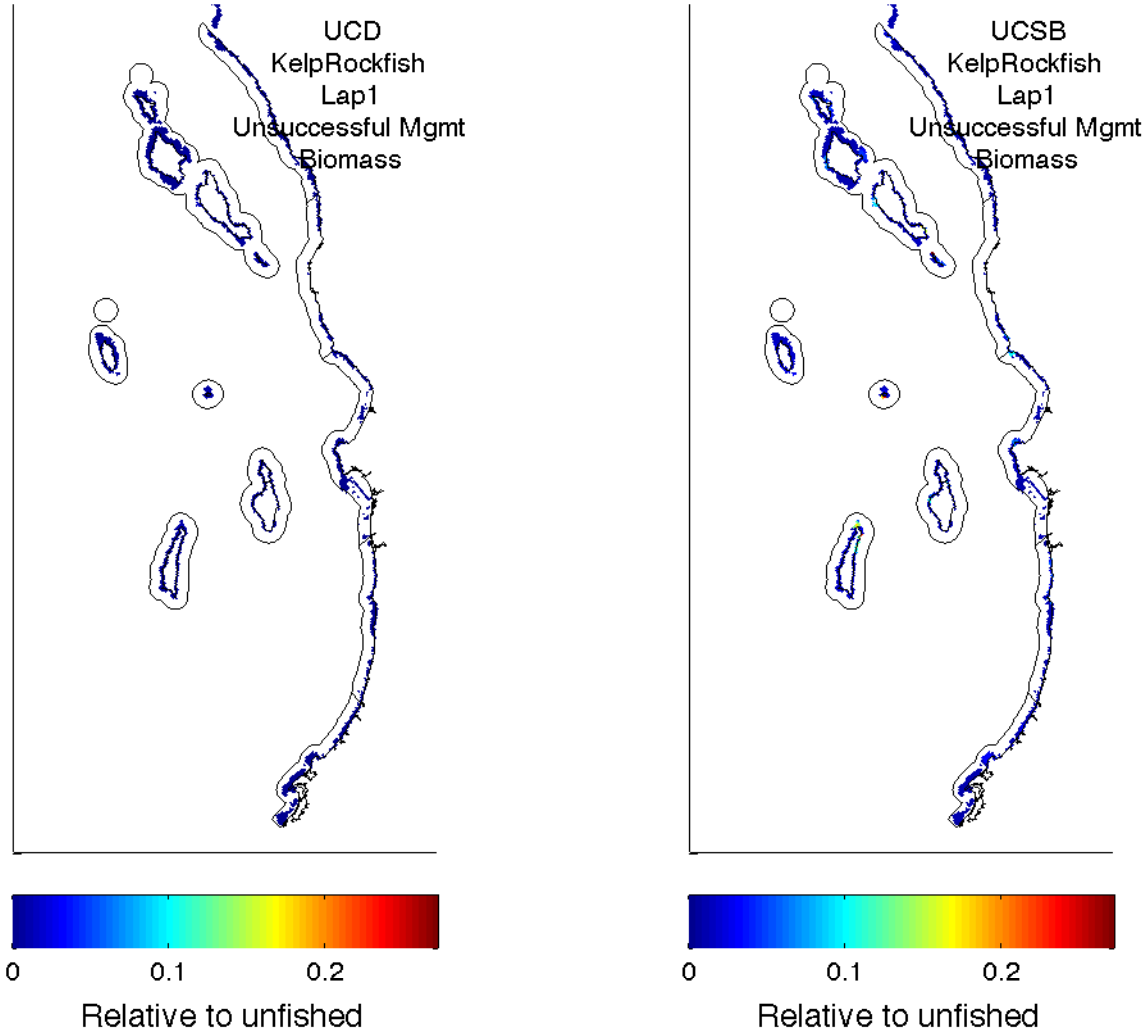

UCD
KelpRockfish
Lap1
MSY-type
Fishing effort
0.2
0.4
0.6
0.8
1
Relative to MSY maximum effort

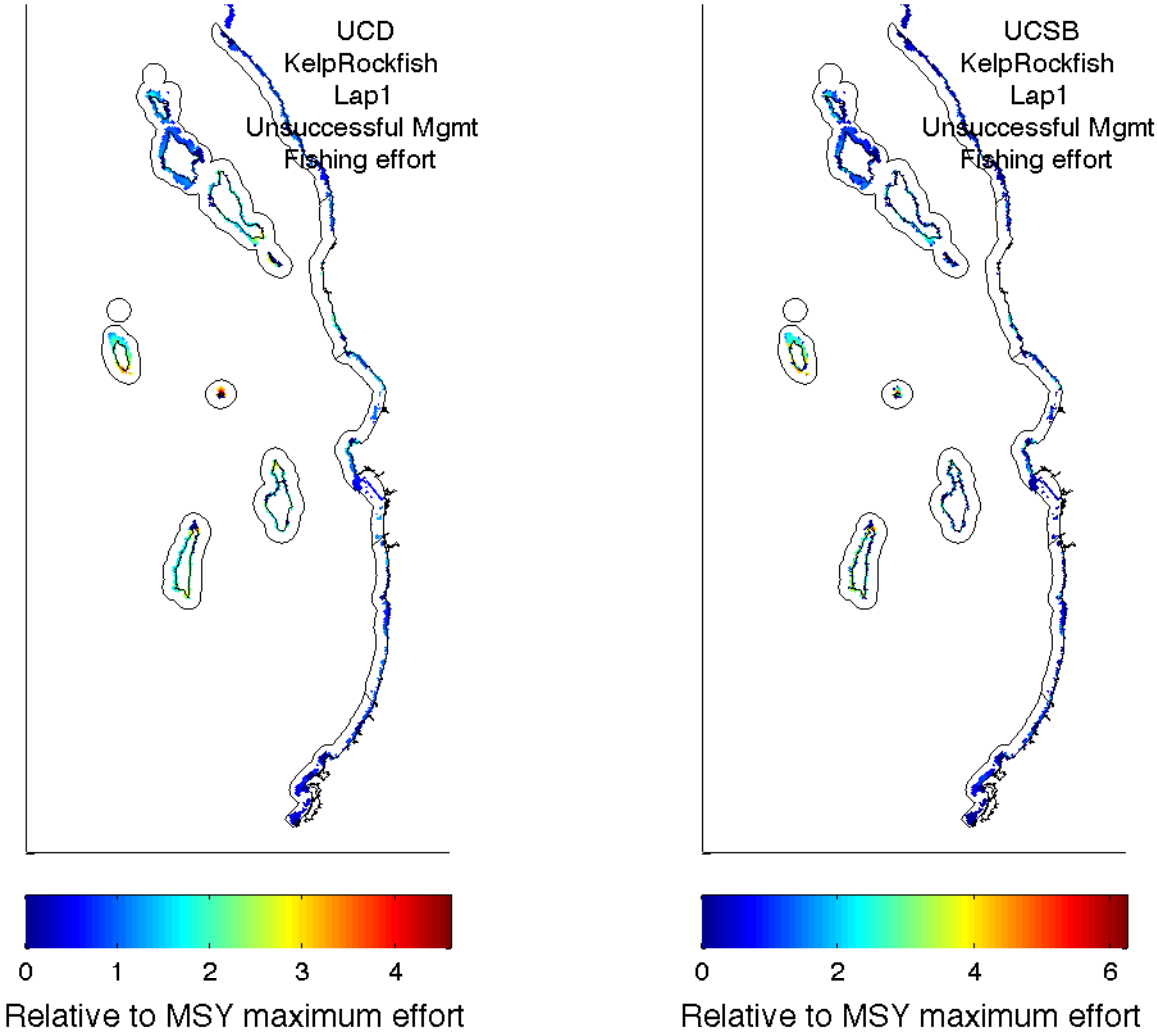

UCSB
KelpRockfish
Lap1
MSY-type
Fishing effort
2
4
6
8
10
Relative to MSY maximum effort

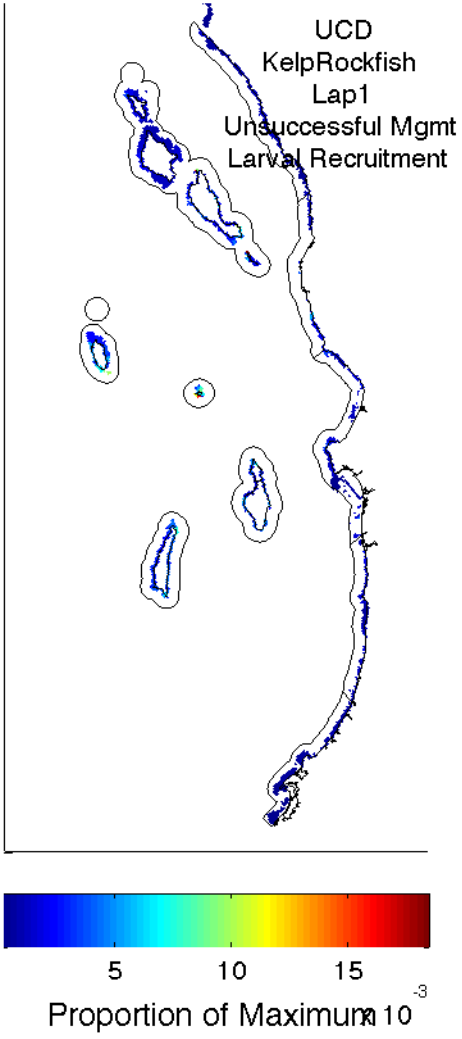

UCD
KelpRockfish
Lap1
MSY-type
Larval Recruitment
0.05
0.1
0.15
Proportion of Maximum

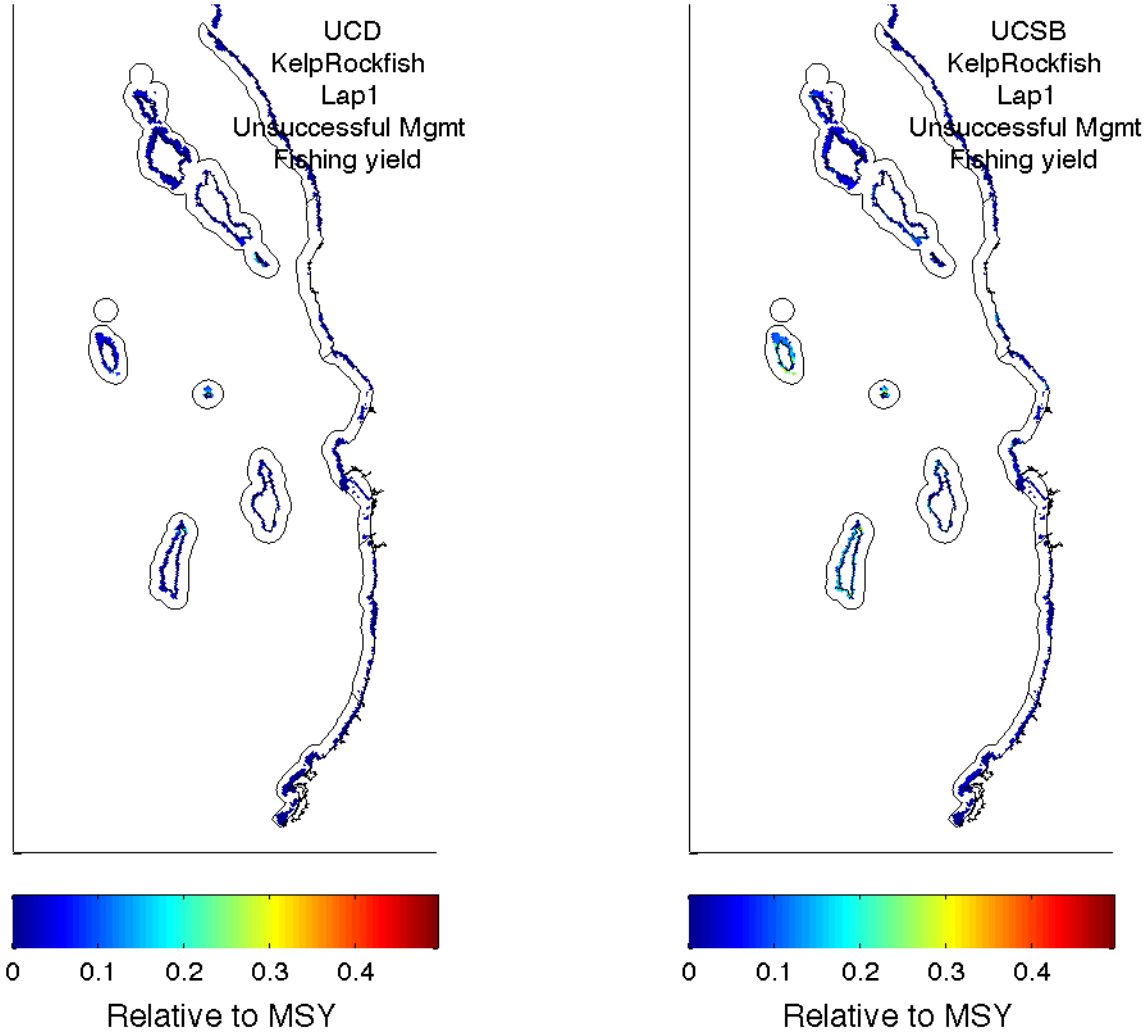

UCD
KelpRockfish
Lap1
MSY-type
Fishing yield
0 0.2 0.4 0.6 0.8 1 1.2 1.4
Relative to MSY

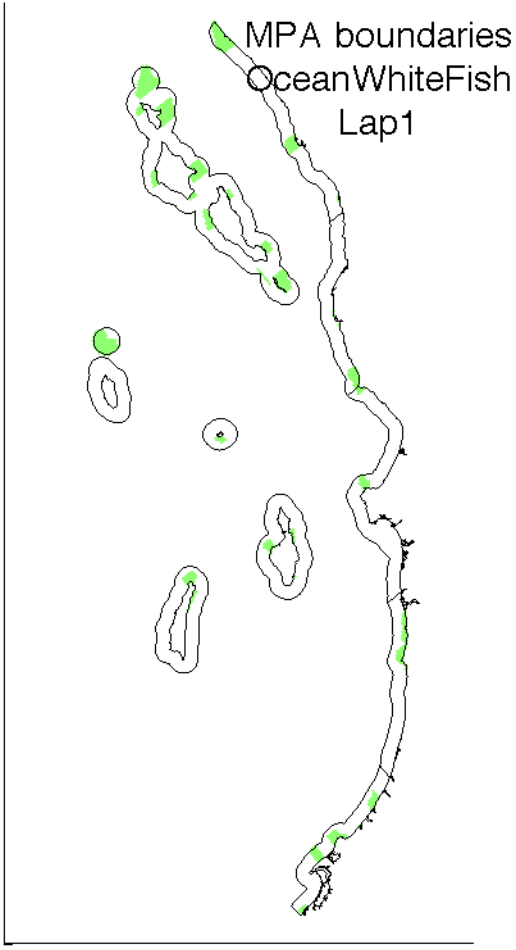

UCSB
KelpRockfish
Lap1
MSY-type
Fishing yield
0 0.2 0.4 0.6 0.8 1 1.2 1.4
Relative to MSY

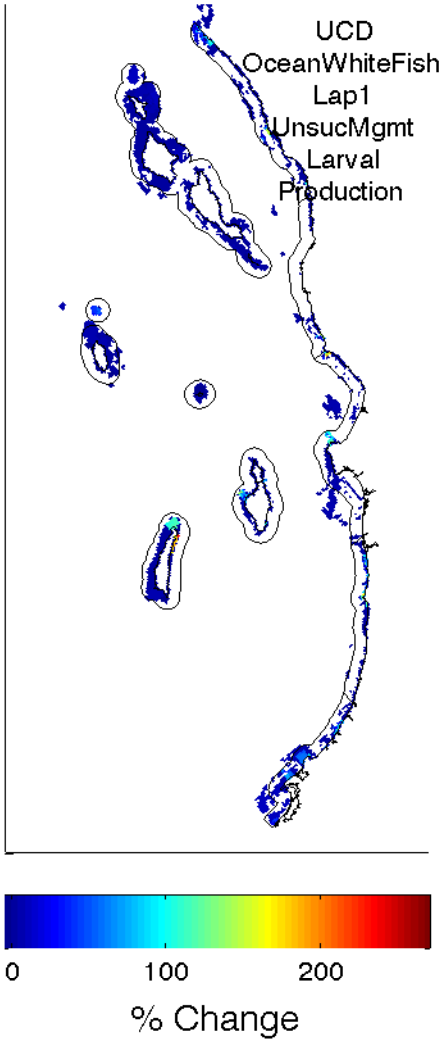

UCD
KelpRockfish
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
Relative to unfished
UCSB
KelpRockfish
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
Relative to unfished

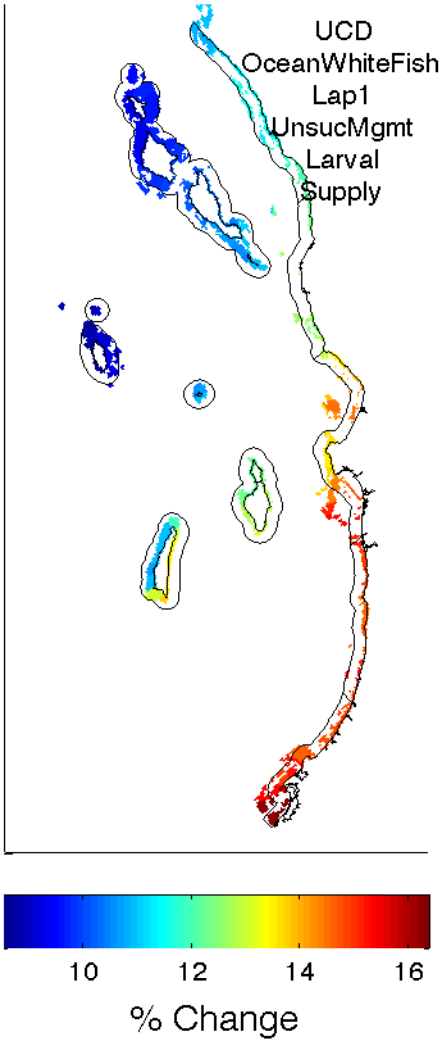

UCD
KelpRockfish
Lap1
Unsuccessful Mgmt
Fishing effort
0
1
2
3
4
Relative to MSY maximum effort
UCSB
KelpRockfish
Lap1
Unsuccessful Mgmt
Fishing effort
0
2
4
6
Relative to MSY maximum effort

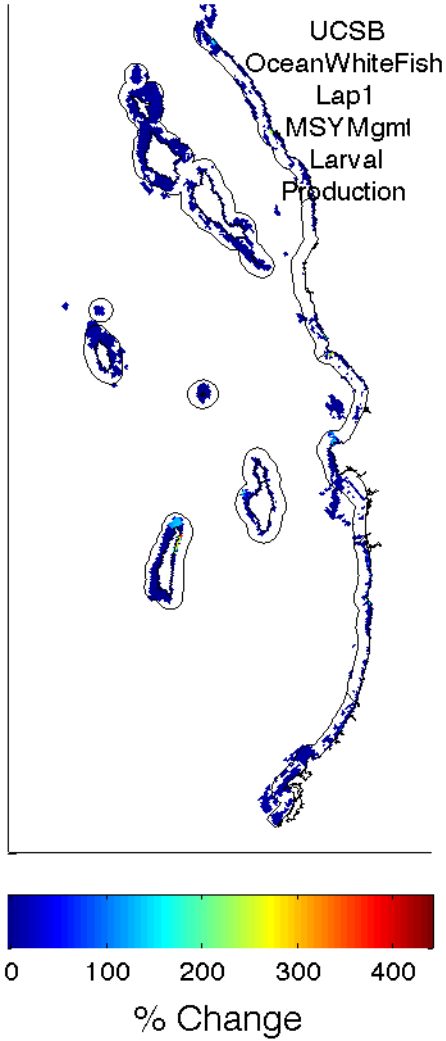

UCD
KelpRockfish
Lap1
Unsuccessful Mgmt
Larval Recruitment
5
10
15
Proportion of Maximum
x 10^-3

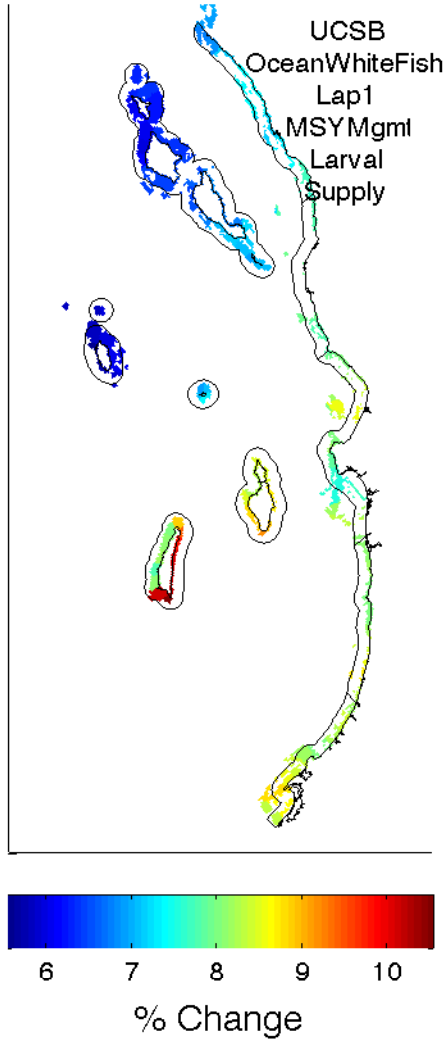

UCD
KelpRockfish
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
0.3
0.4
Relative to MSY
UCSB
KelpRockfish
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
0.3
0.4
Relative to MSY

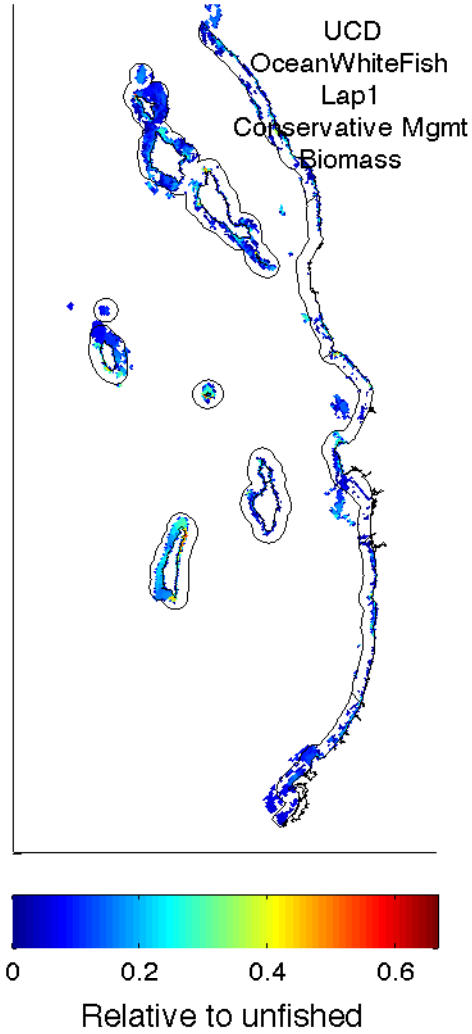

MPA boundaries
OceanWhiteFish
Lap1

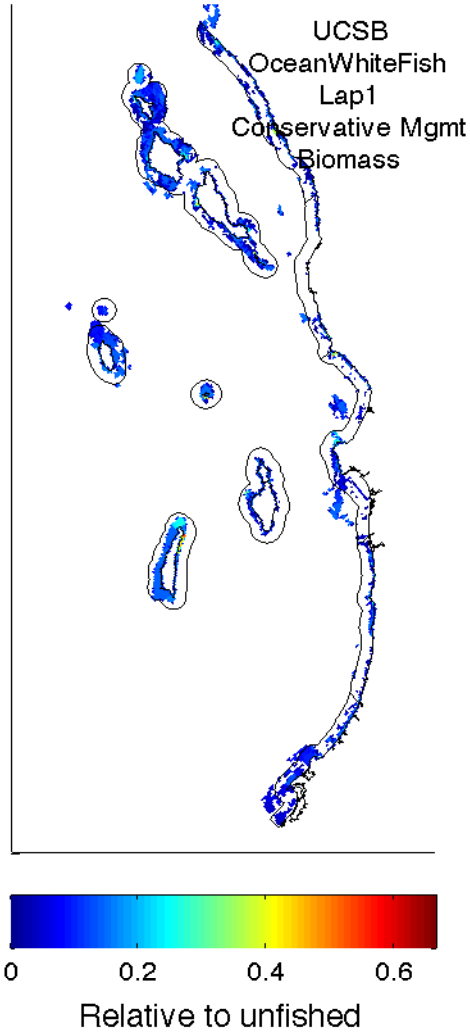

UCD
OceanWhiteFish
Lap1
UnsucMgmt
Larval
Production
0
100
200
% Change

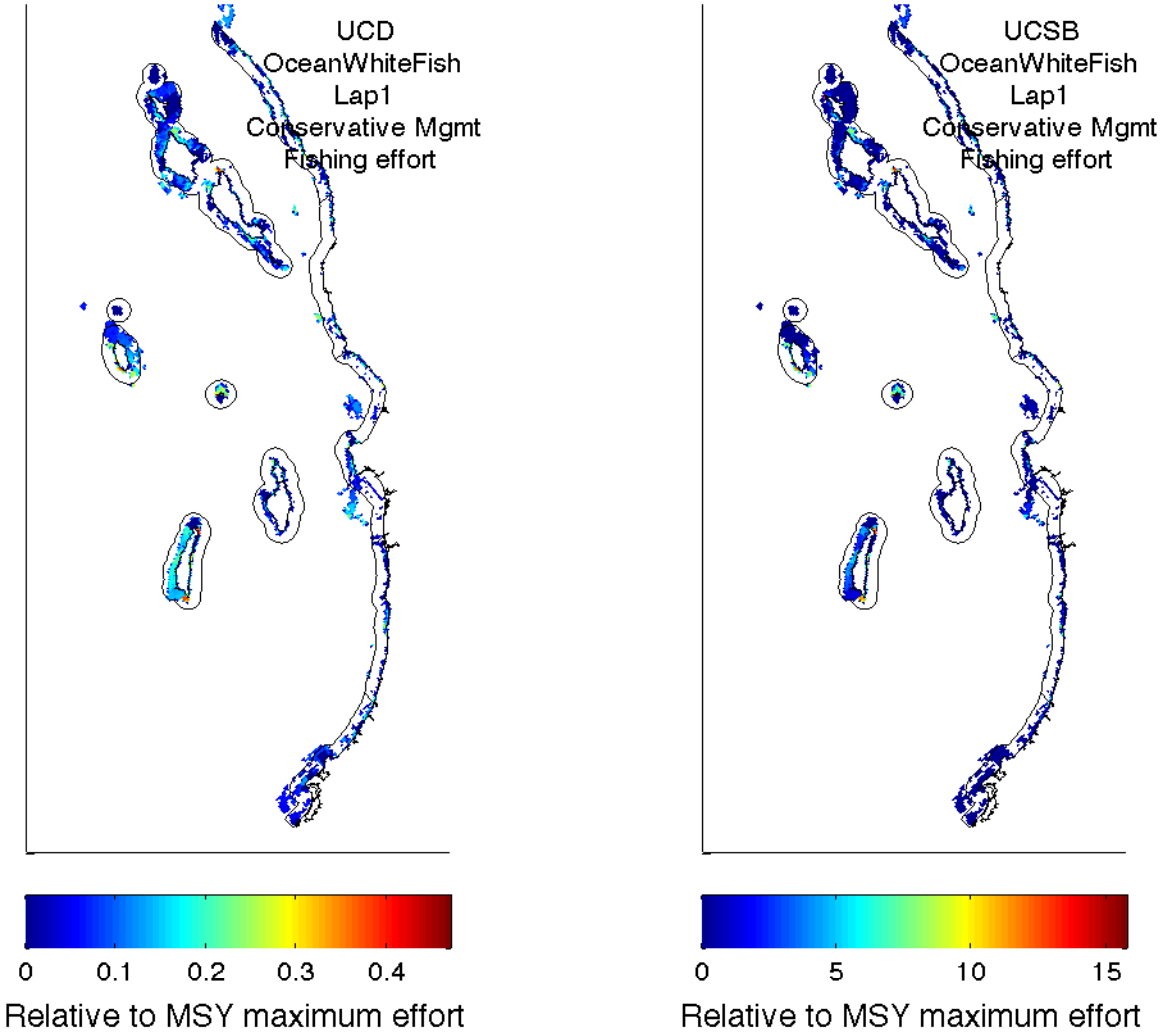

UCD
OceanWhiteFish
Lap1
UnsucMgmt
Larval
Supply
10
12
14
16
% Change

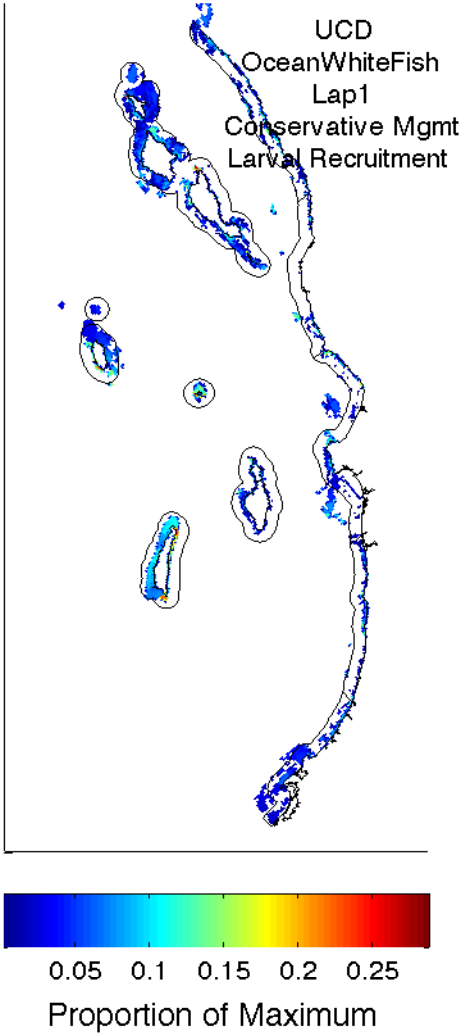

UCSB
OceanWhiteFish
Lap1
MSYMgmt
Larval
Production
0
100
200
300
400
% Change

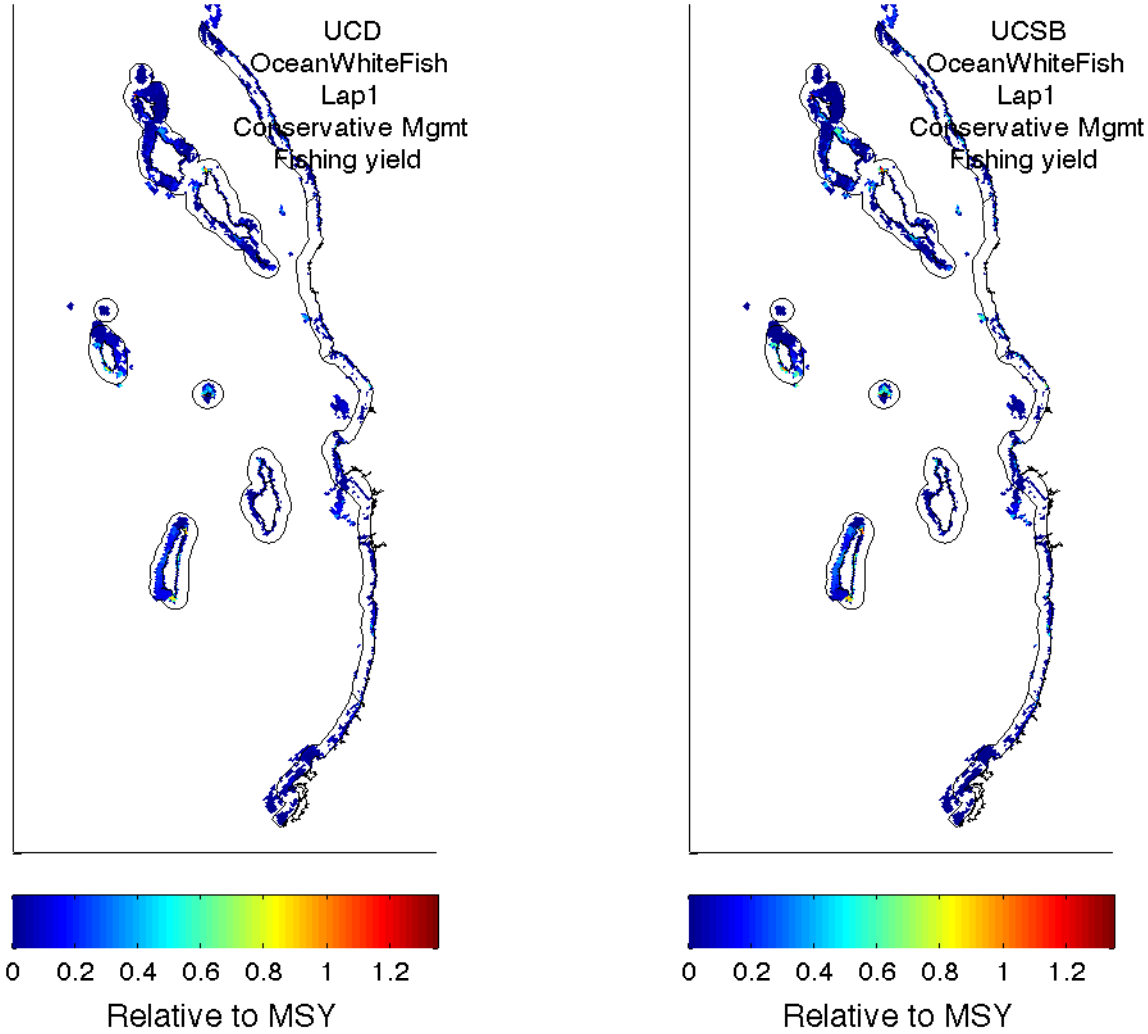

UCSB
OceanWhiteFish
Lap1
MSYMgmt
Larval
Supply
6
7
8
9
10
% Change

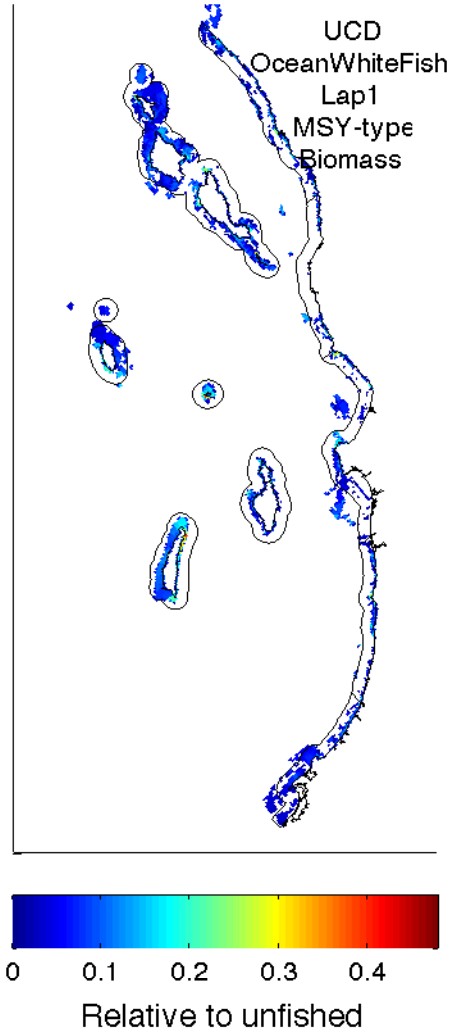

UCD
OceanWhiteFish
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished

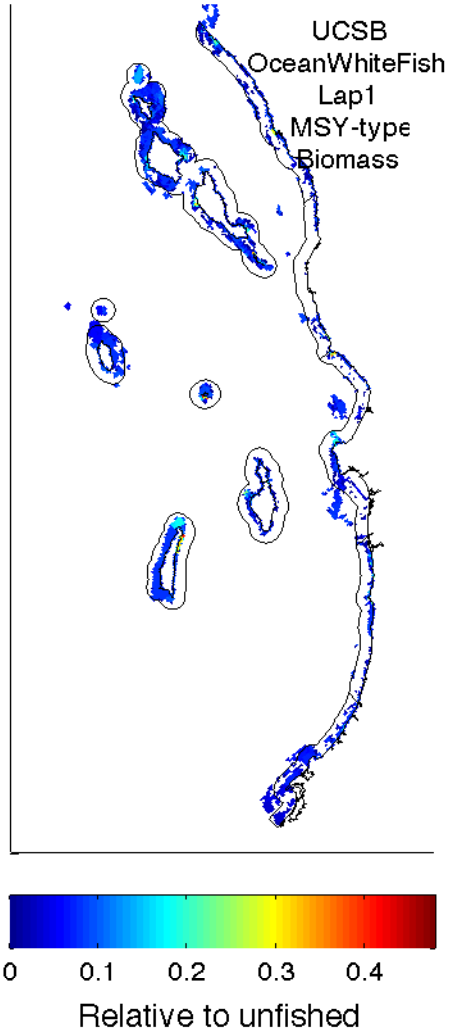

UCSB
OceanWhiteFish
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished

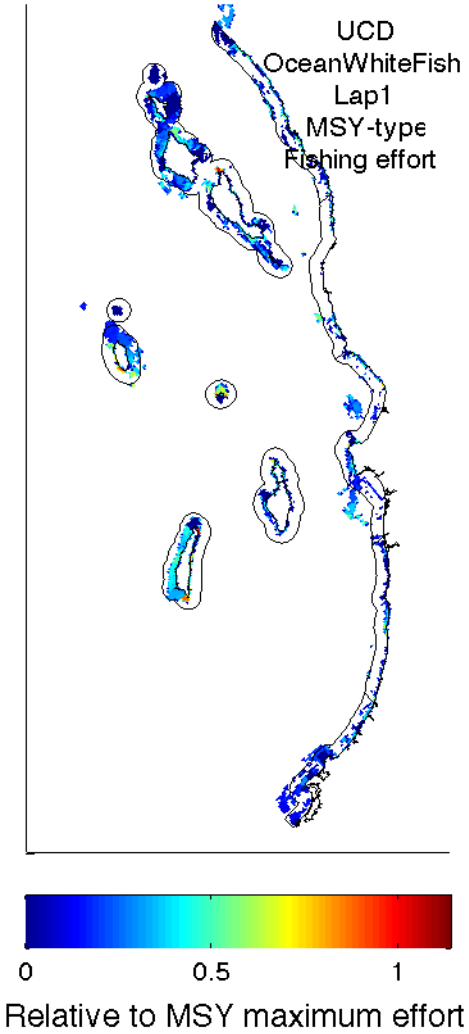

UCD
OceanWhiteFish
Lap1
Conservative Mgmt
Fishing effort
0
0.1
0.2
0.3
0.4
Relative to MSY maximum effort
UCSB
OceanWhiteFish
Lap1
Conservative Mgmt
Fishing effort
0
5
10
15
Relative to MSY maximum effort

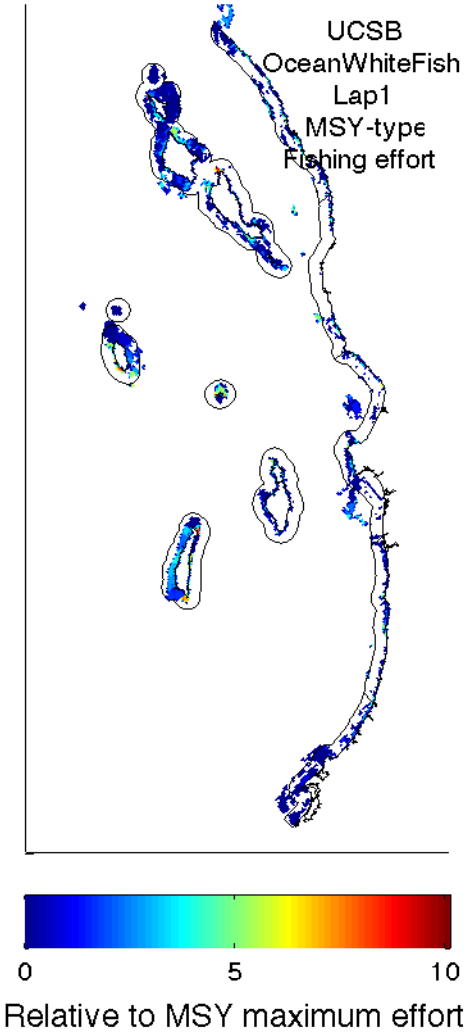

UCD
OceanWhiteFish
Lap1
Conservative Mgmt
Larval Recruitment
0.05
0.1
0.15
0.2
0.25
Proportion of Maximum

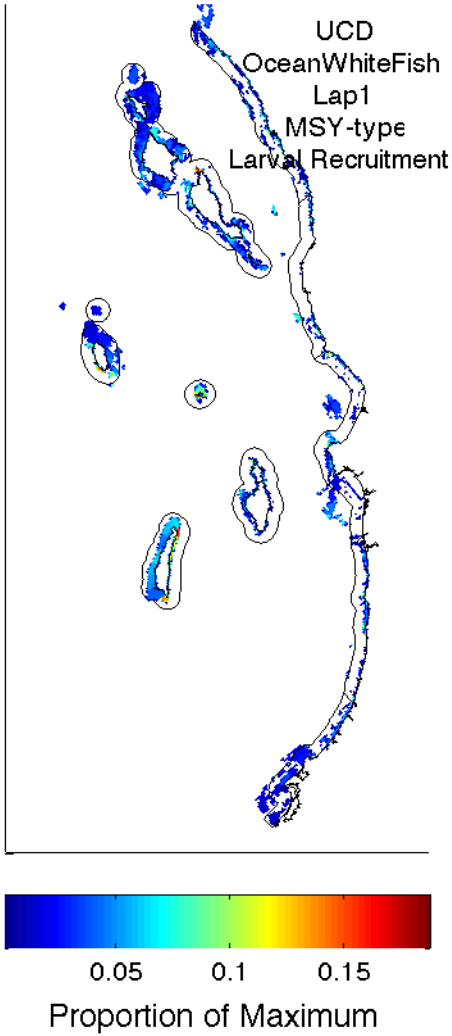

UCD
OceanWhiteFish
Lap1
Conservative Mgmt
Fishing yield
0 0.2 0.4 0.6 0.8 1 1.2
Relative to MSY
UCSB
OceanWhiteFish
Lap1
Conservative Mgmt
Fishing yield
0 0.2 0.4 0.6 0.8 1 1.2
Relative to MSY

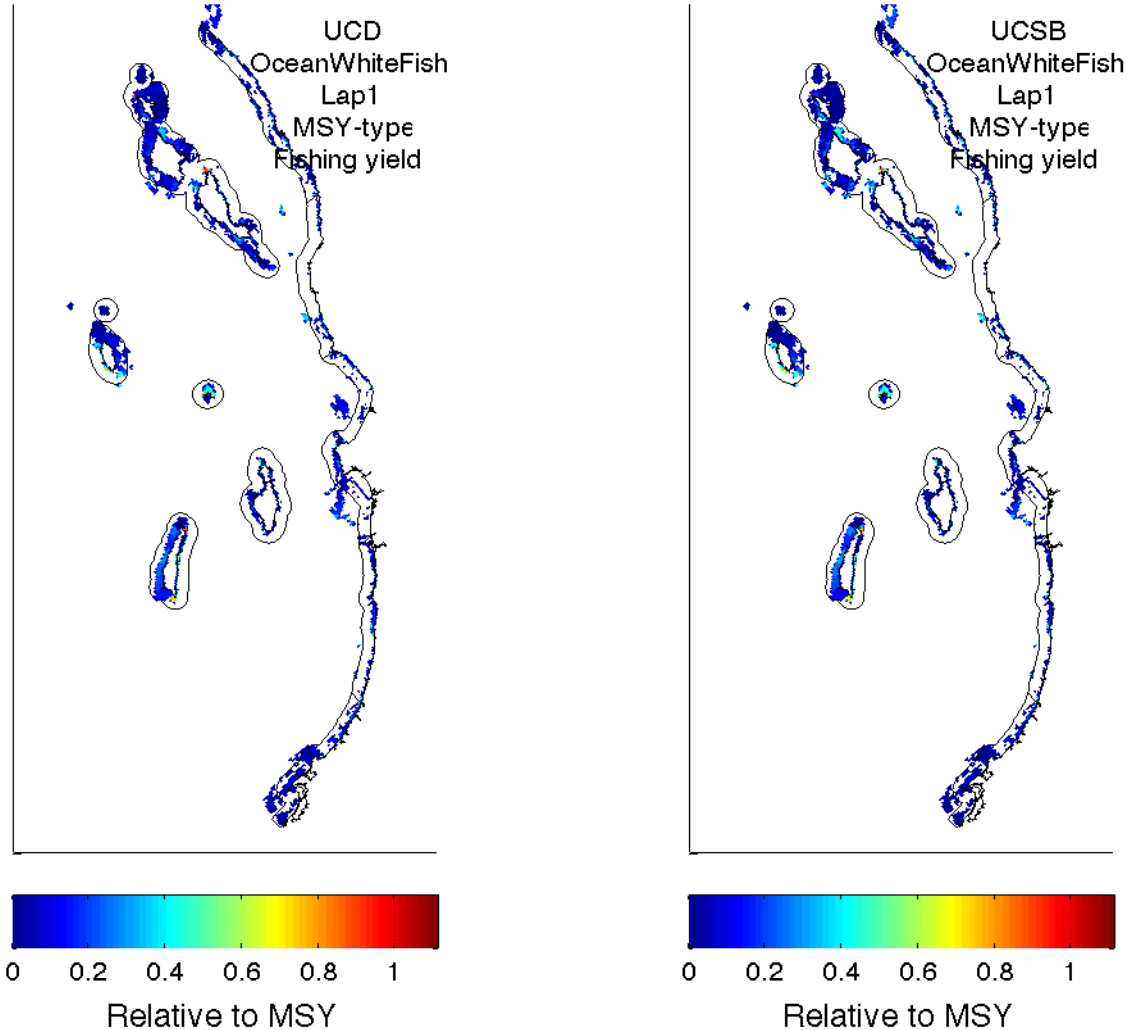

UCD
OceanWhiteFish
Lap1
MSY-type
Biomass
0
0.1
0.2
0.3
0.4
Relative to unfished

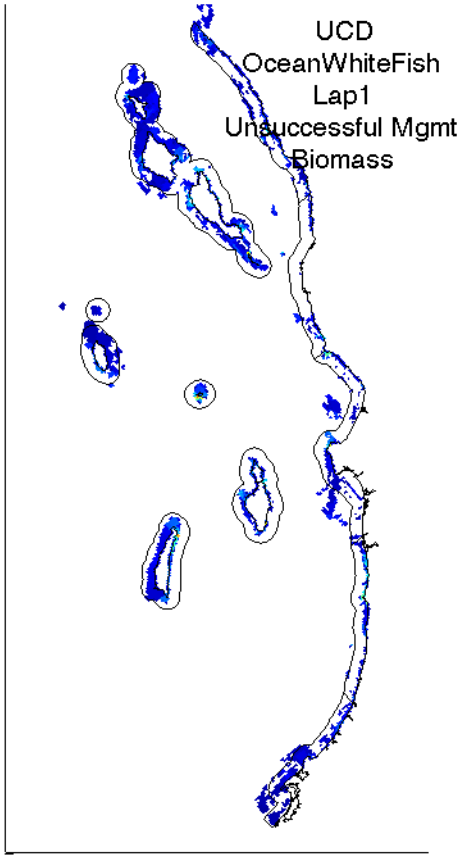

UCSB
OceanWhiteFish
Lap1
MSY-type
Biomass
0
0.1
0.2
0.3
0.4
Relative to unfished

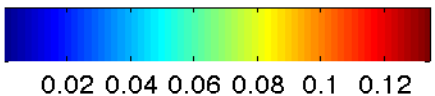

UCD
OceanWhiteFish
Lap1
MSY-type
Fishing effort
0
0.5
1
Relative to MSY maximum effort


UCSB
OceanWhiteFish
Lap1
MSY-type
Fishing effort
0
5
10
Relative to MSY maximum effort

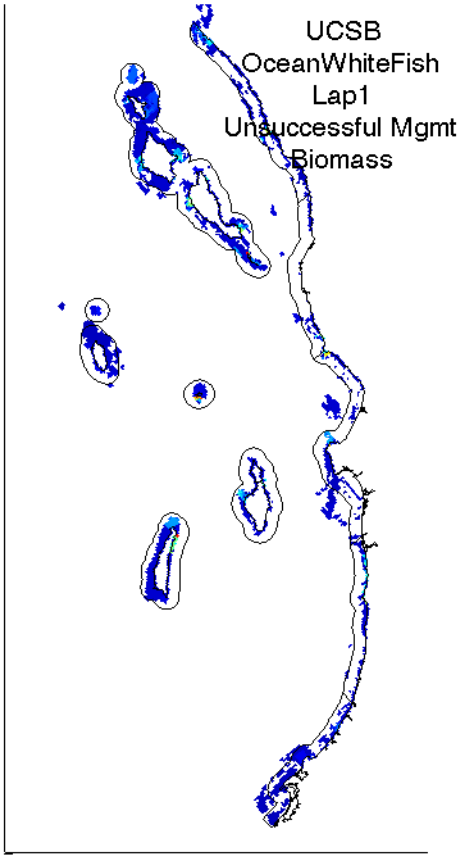

UCD
OceanWhiteFish
Lap1
MSY-type
Larval Recruitment
0.05
0.1
0.15
Proportion of Maximum

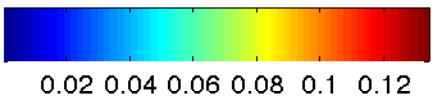

UCD
OceanWhiteFish
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY
UCSB
OceanWhiteFish
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY



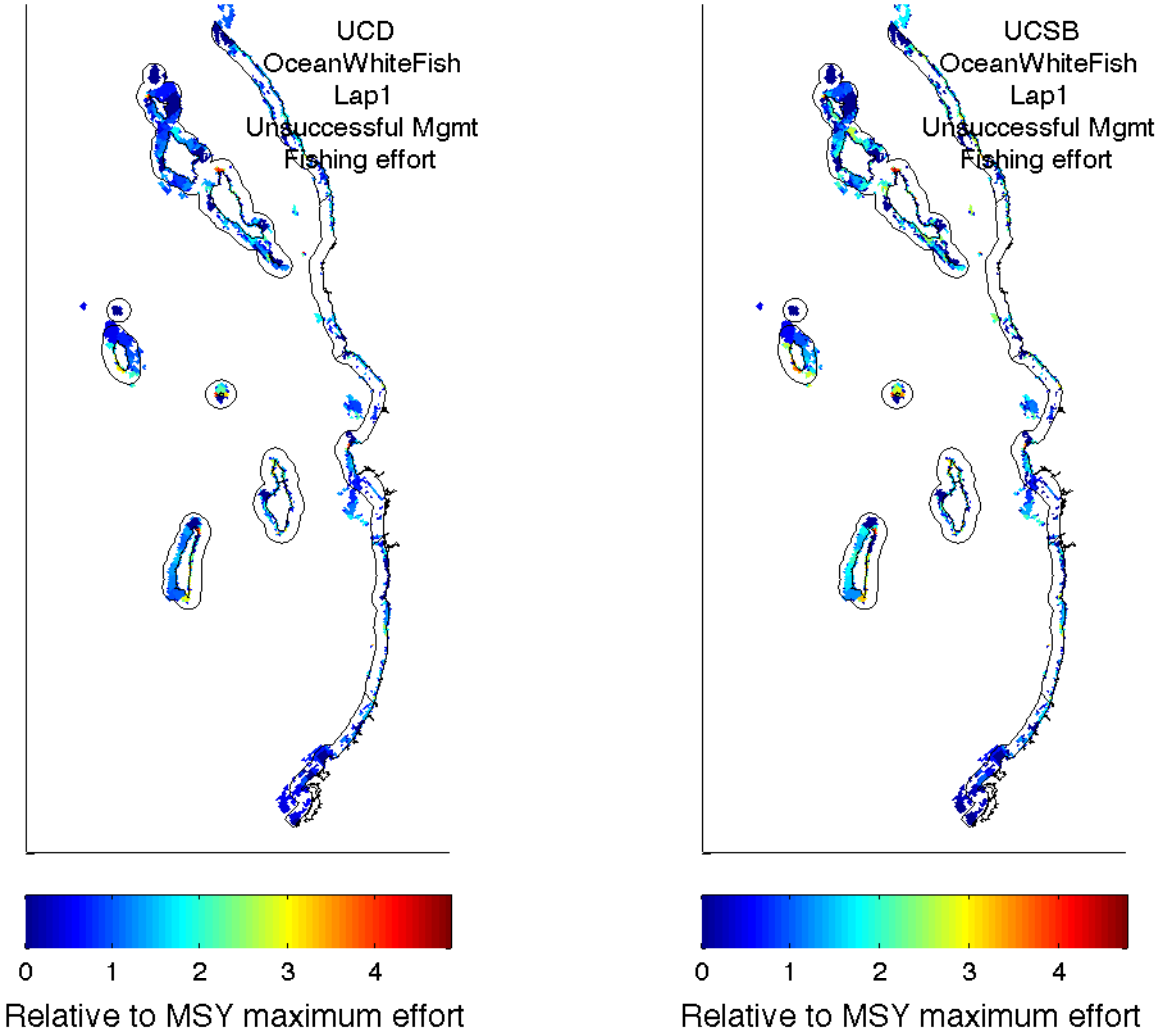


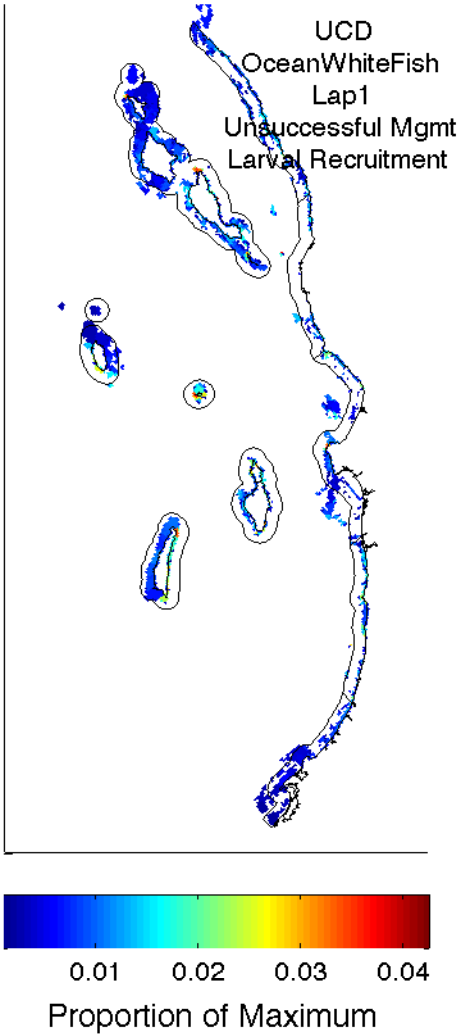
Relative to unfished

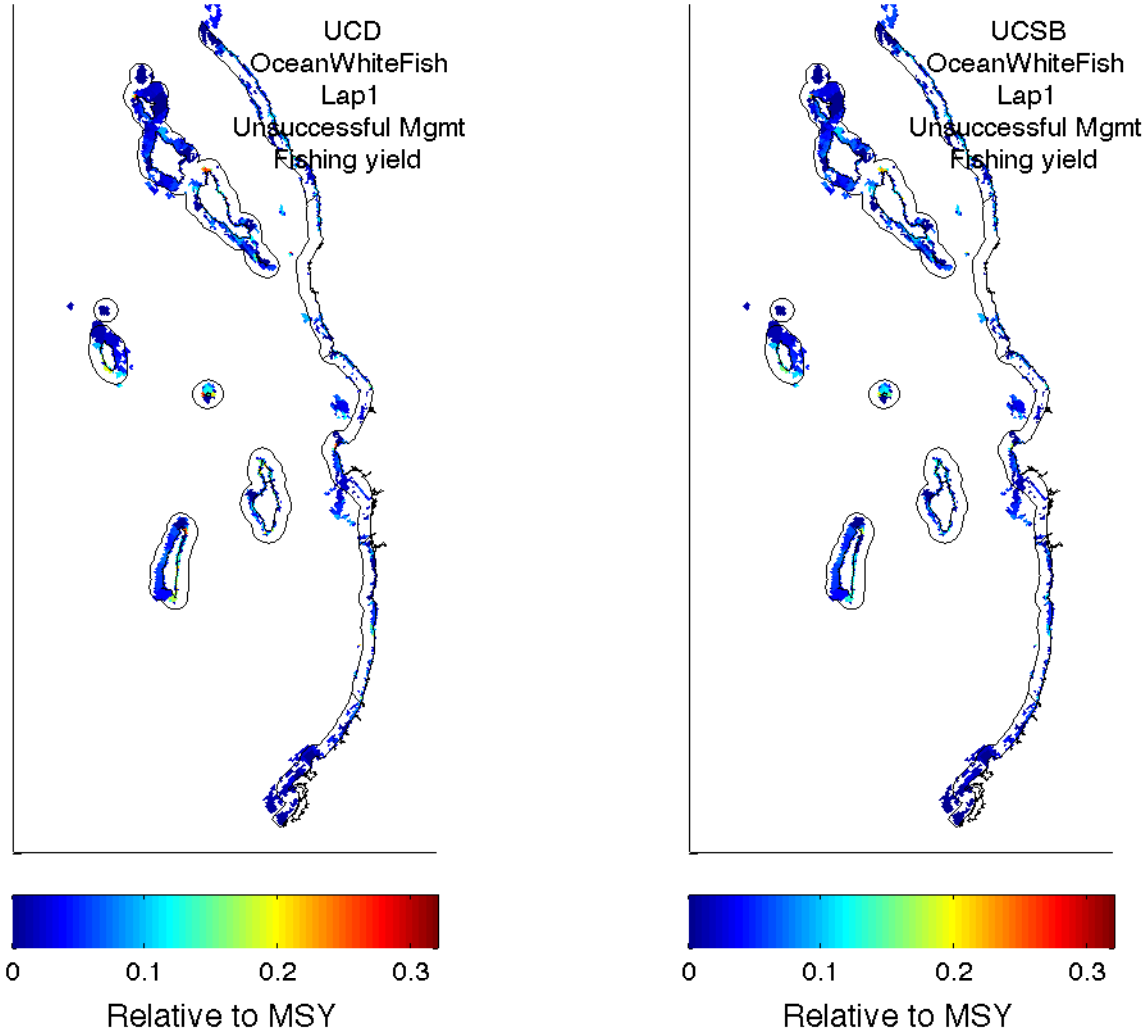


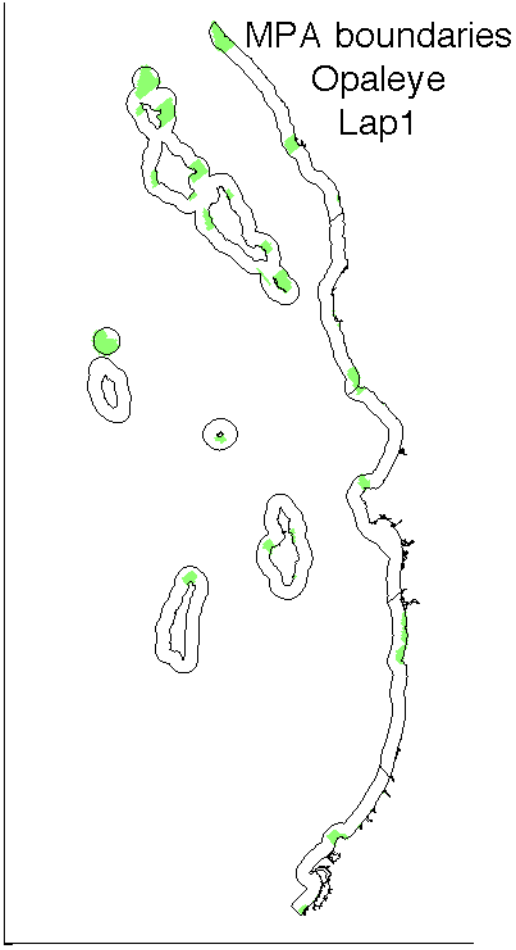


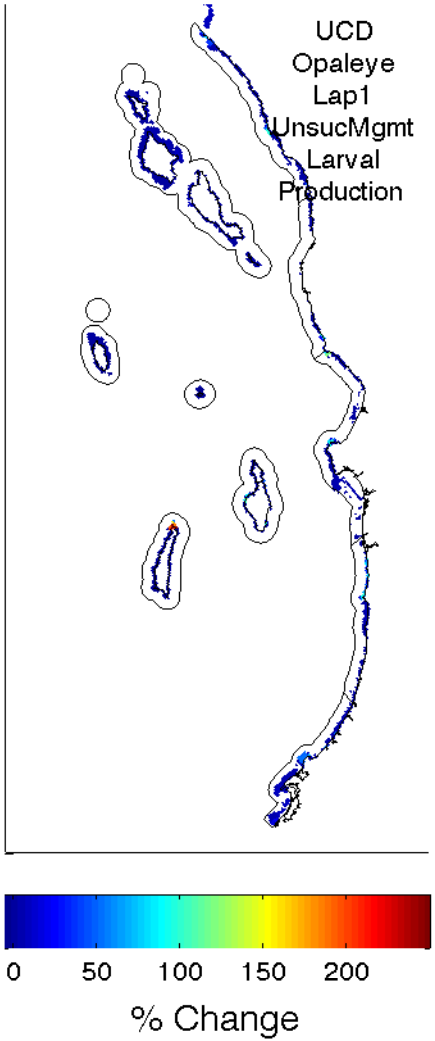
Relative to unfished

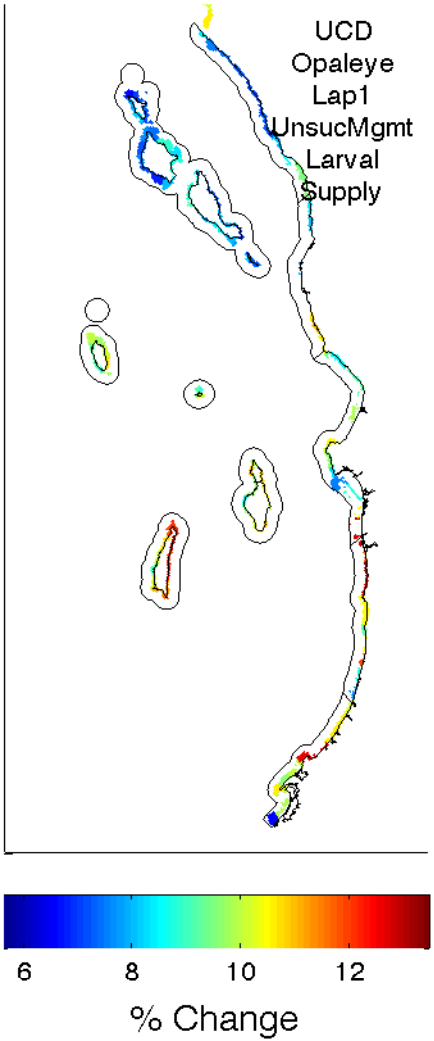

UCD
OceanWhiteFish
Lap1
Unsuccessful Mgmt
Fishing effort
0
1
2
3
4
Relative to MSY maximum effort
UCSB
OceanWhiteFish
Lap1
Unsuccessful Mgmt
Fishing effort
0
1
2
3
4
Relative to MSY maximum effort

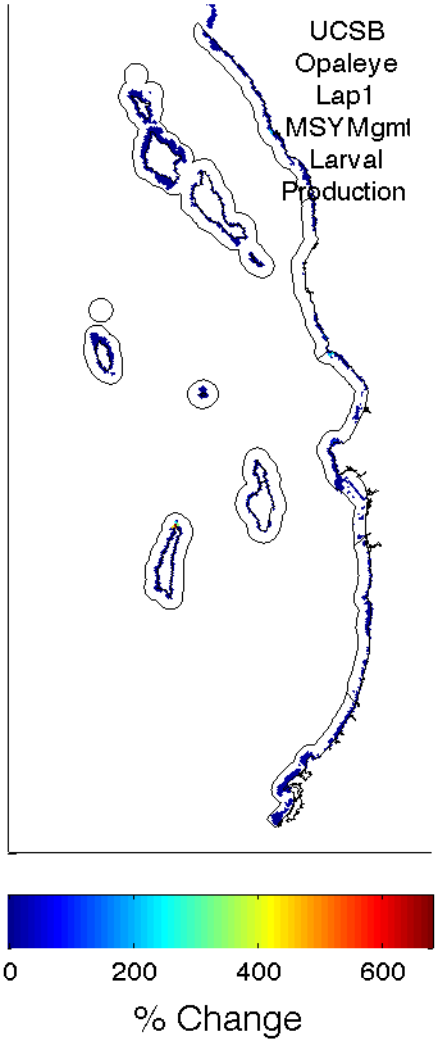

UCD
OceanWhiteFish
Lap1
Unsuccessful Mgmt
Larval Recruitment
0.01
0.02
0.03
0.04
Proportion of Maximum

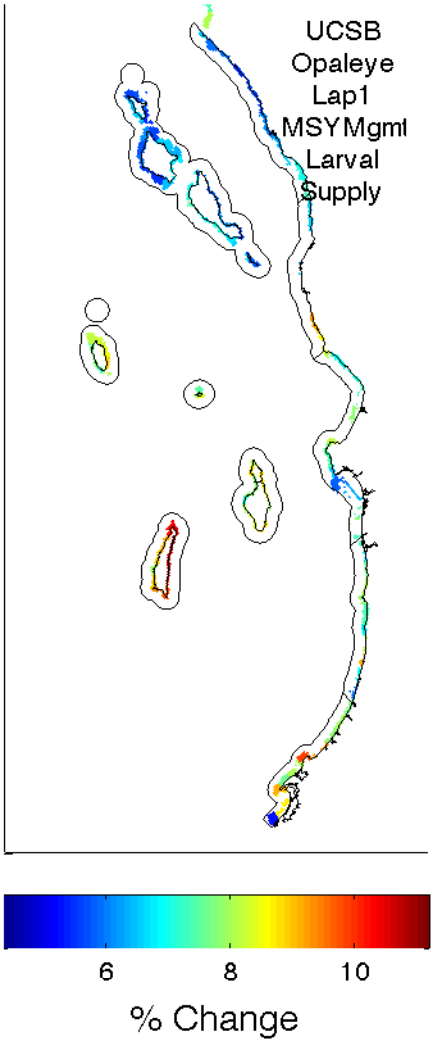

UCD
OceanWhiteFish
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
0.3
Relative to MSY
UCSB
OceanWhiteFish
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
0.3
Relative to MSY

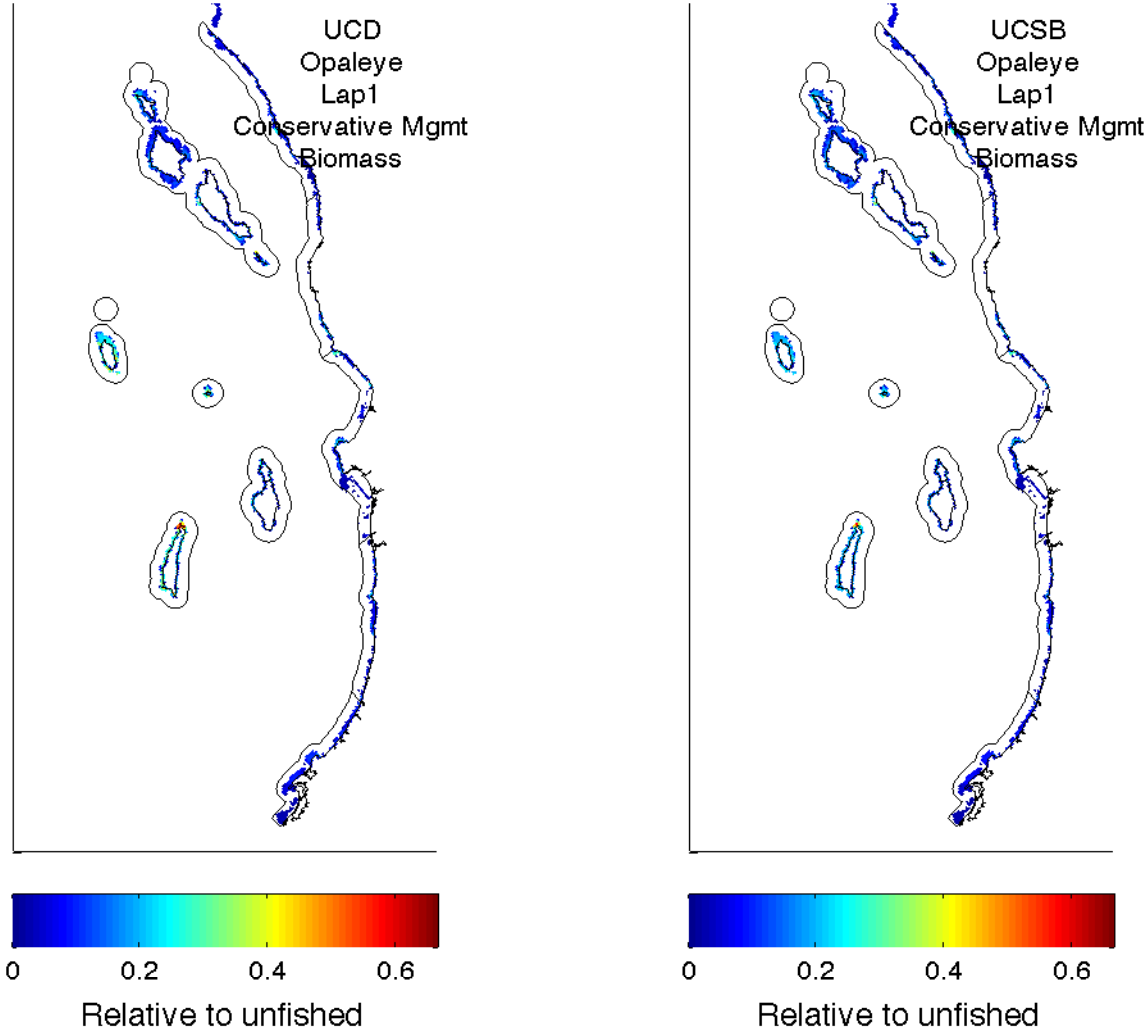

MPA boundaries
Opaleye
Lap1

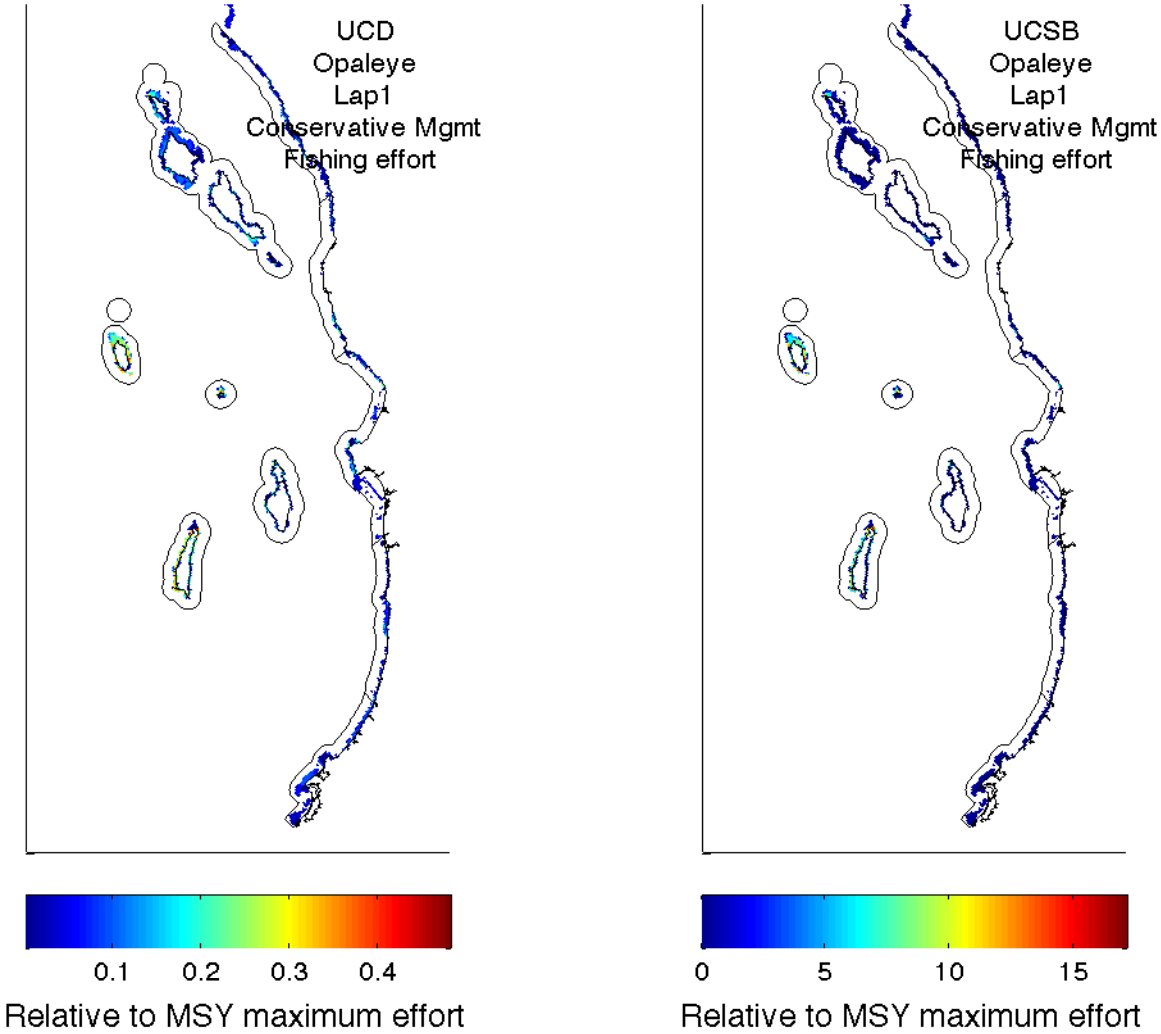

UCD
Opaleye
Lap1
UnsucMgmt
Larval
Production
0
50
100
150
200
% Change

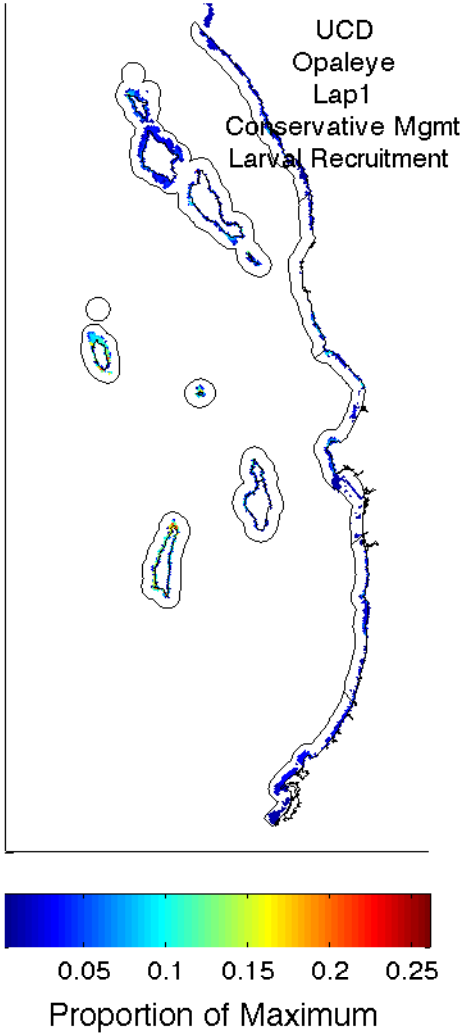

UCD
Opaleye
Lap1
UnsucMgmt
Larval
Supply
6
8
10
12
% Change

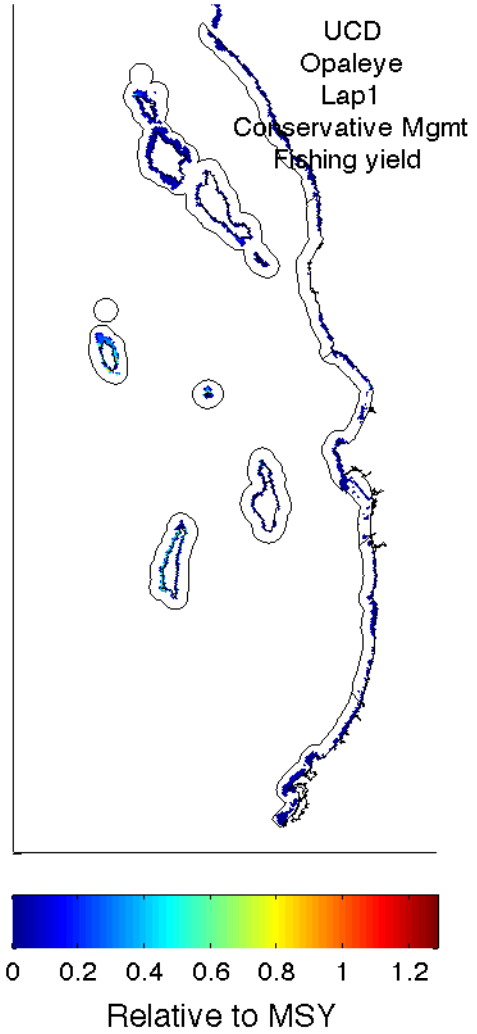

UCSB
Opaleye
Lap1
MSYMgmt
Larval
Production
0
200
400
600
% Change

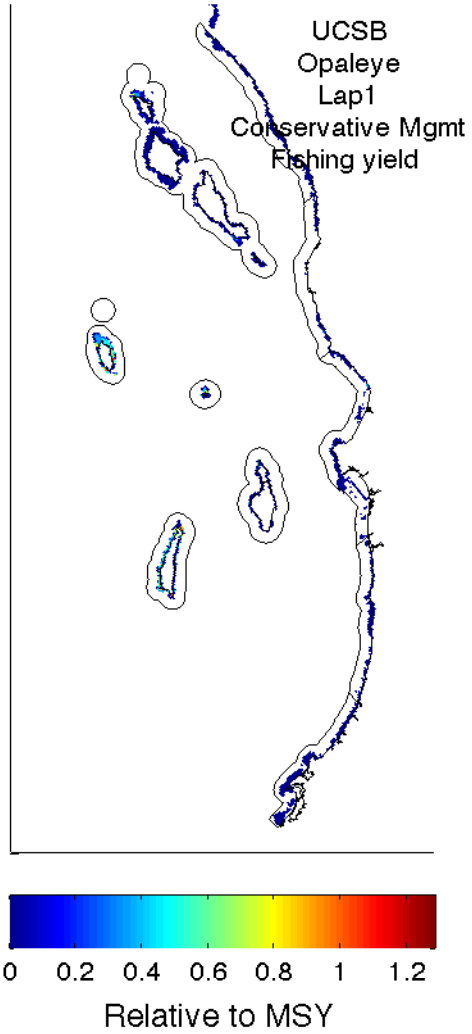

UCSB
Opaleye
Lap1
MSYMgmt
Larval
Supply
6
8
10
% Change

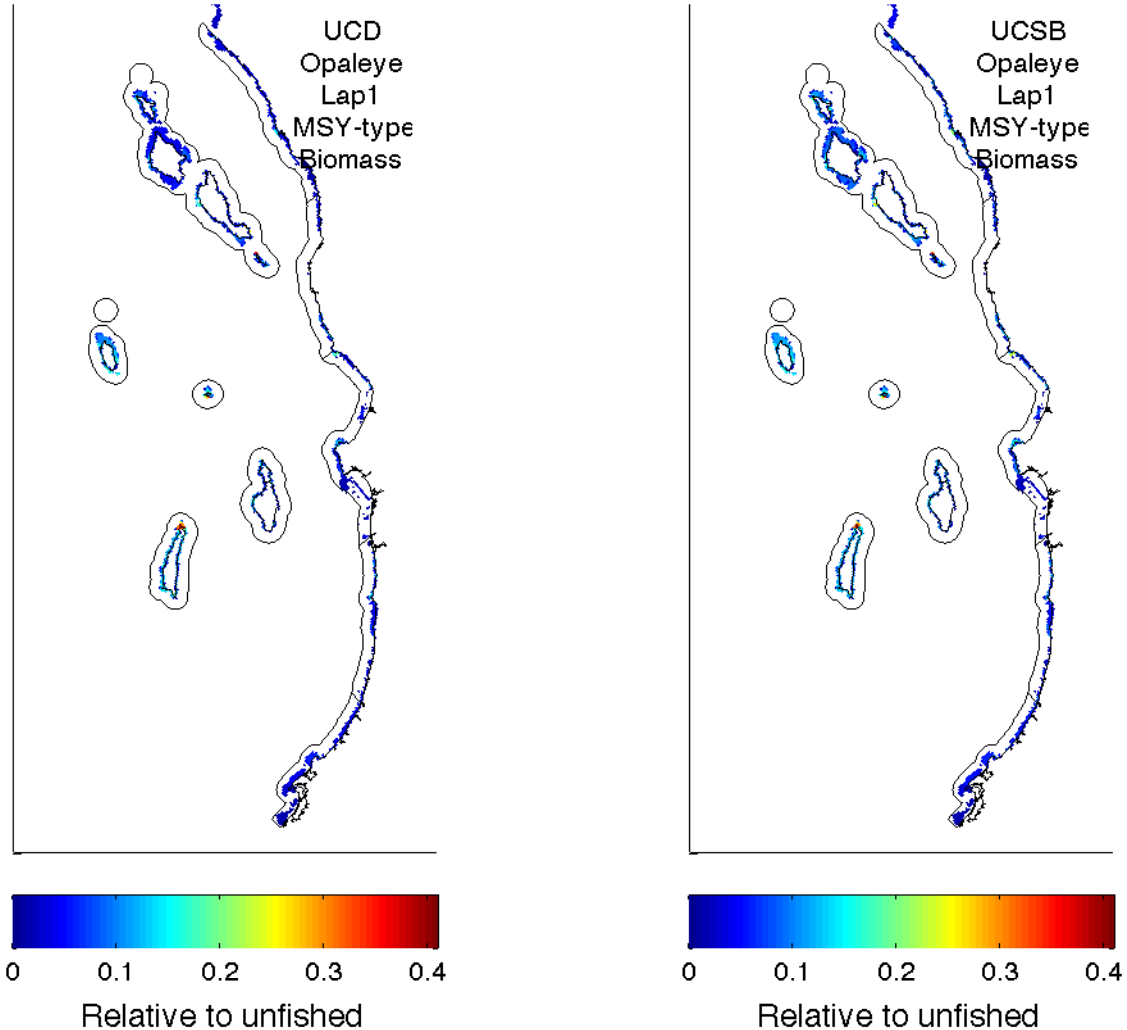

UCD
Opaleye
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished
UCSB
Opaleye
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished

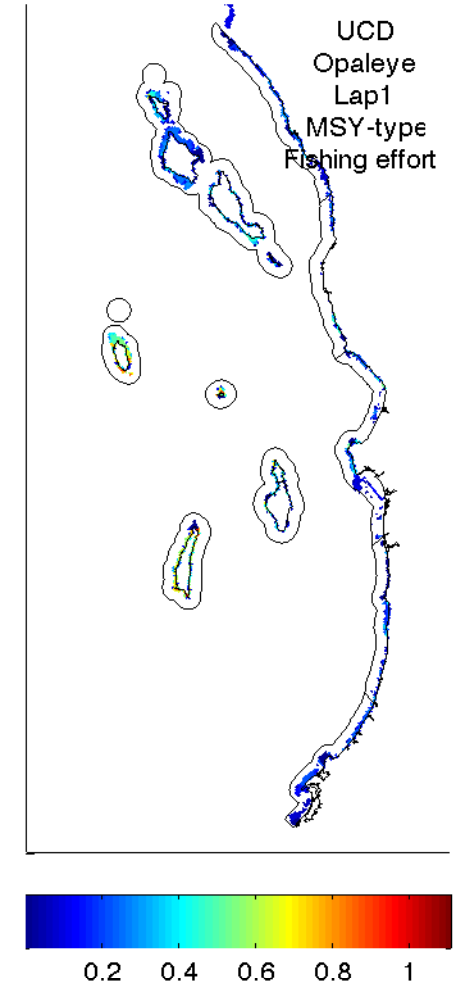

UCD
Opaleye
Lap1
Conservative Mgmt
Fishing effort
0.1
0.2
0.3
0.4
Relative to MSY maximum effort
UCSB
Opaleye
Lap1
Conservative Mgmt
Fishing effort
0
5
10
15
Relative to MSY maximum effort

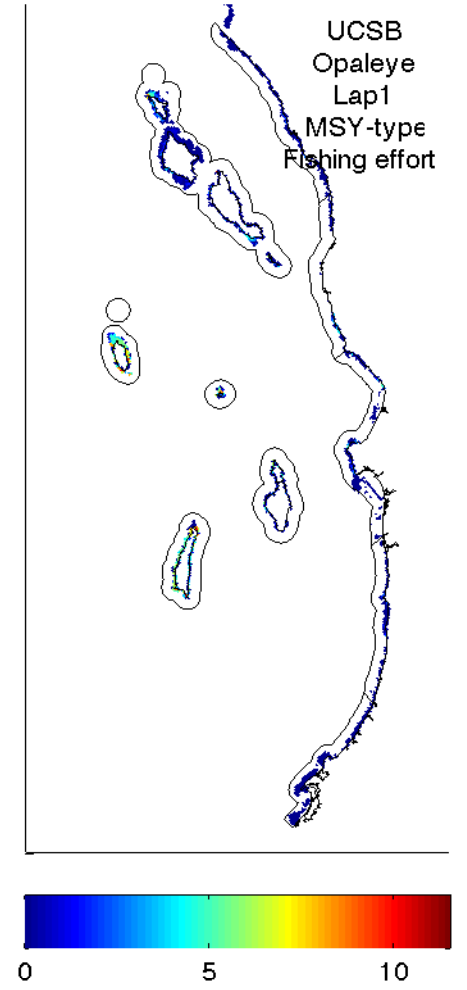

UCD
Opaleye
Lap1
Conservative Mgmt
Larval Recruitment
0.05
0.1
0.15
0.2
0.25
Proportion of Maximum

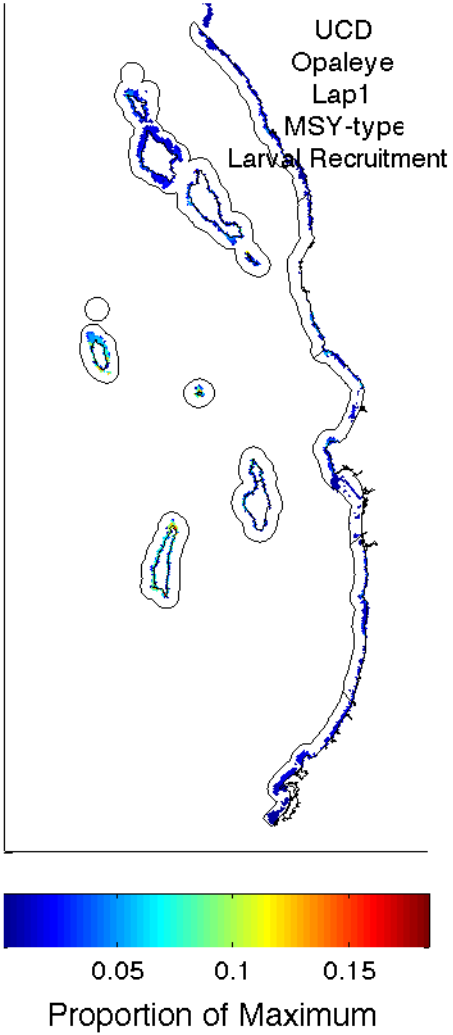

UCD
Opaleye
Lap1
Conservative Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

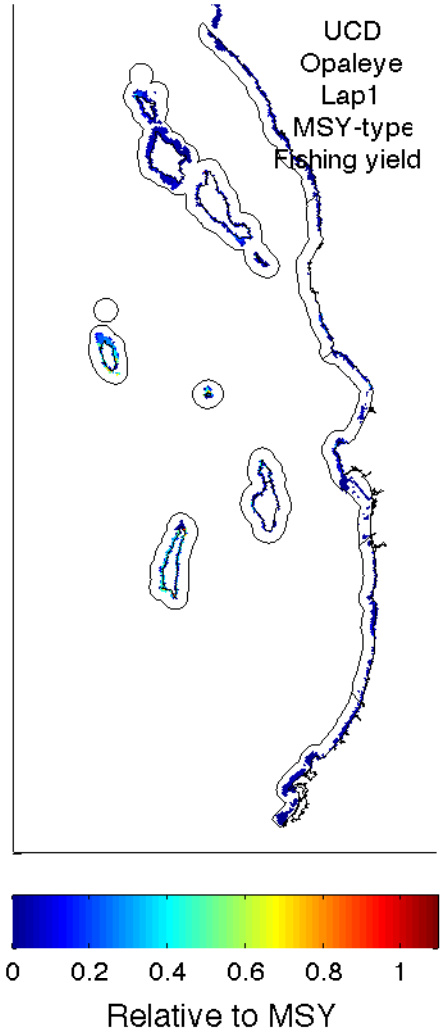

UCSB
Opaleye
Lap1
Conservative Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

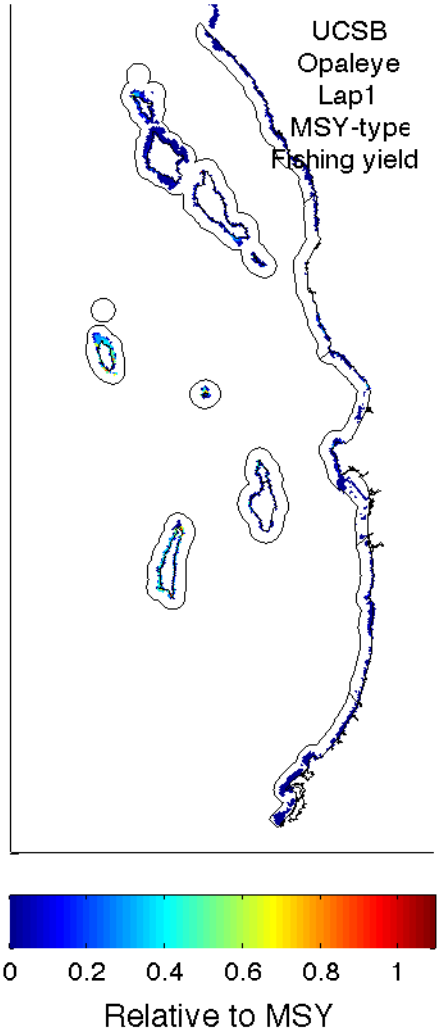

UCD
Opaleye
Lap1
MSY-type
Biomass
0
0.1
0.2
0.3
0.4
Relative to unfished
UCSB
Opaleye
Lap1
MSY-type
Biomass
0
0.1
0.2
0.3
0.4
Relative to unfished

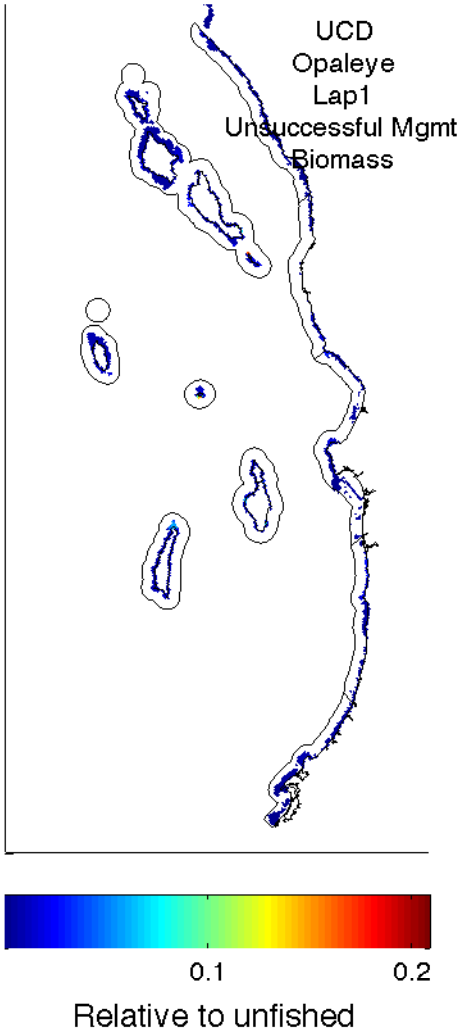

UCD
Opaleye
Lap1
MSY-type
Fishing effort
0.2
0.4
0.6
0.8
1
Relative to MSY maximum effort

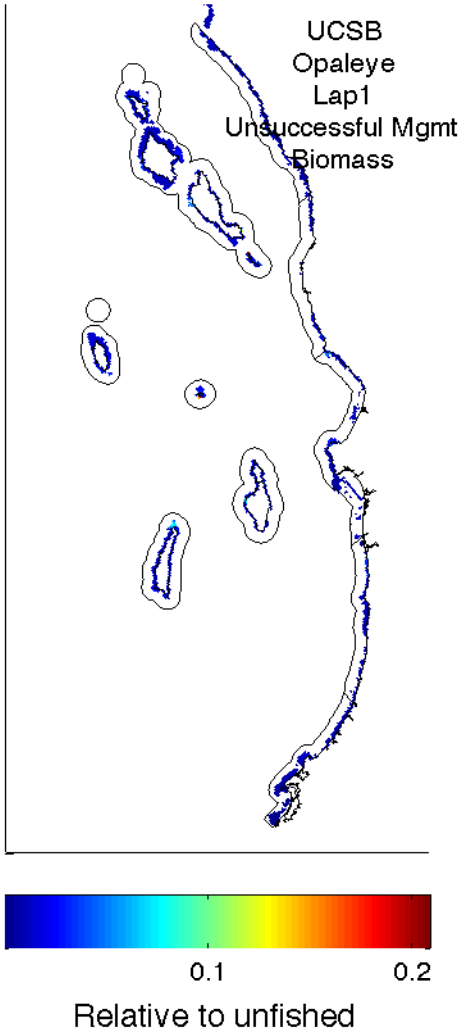

UCSB
Opaleye
Lap1
MSY-type
Fishing effort
0
5
10
Relative to MSY maximum effort

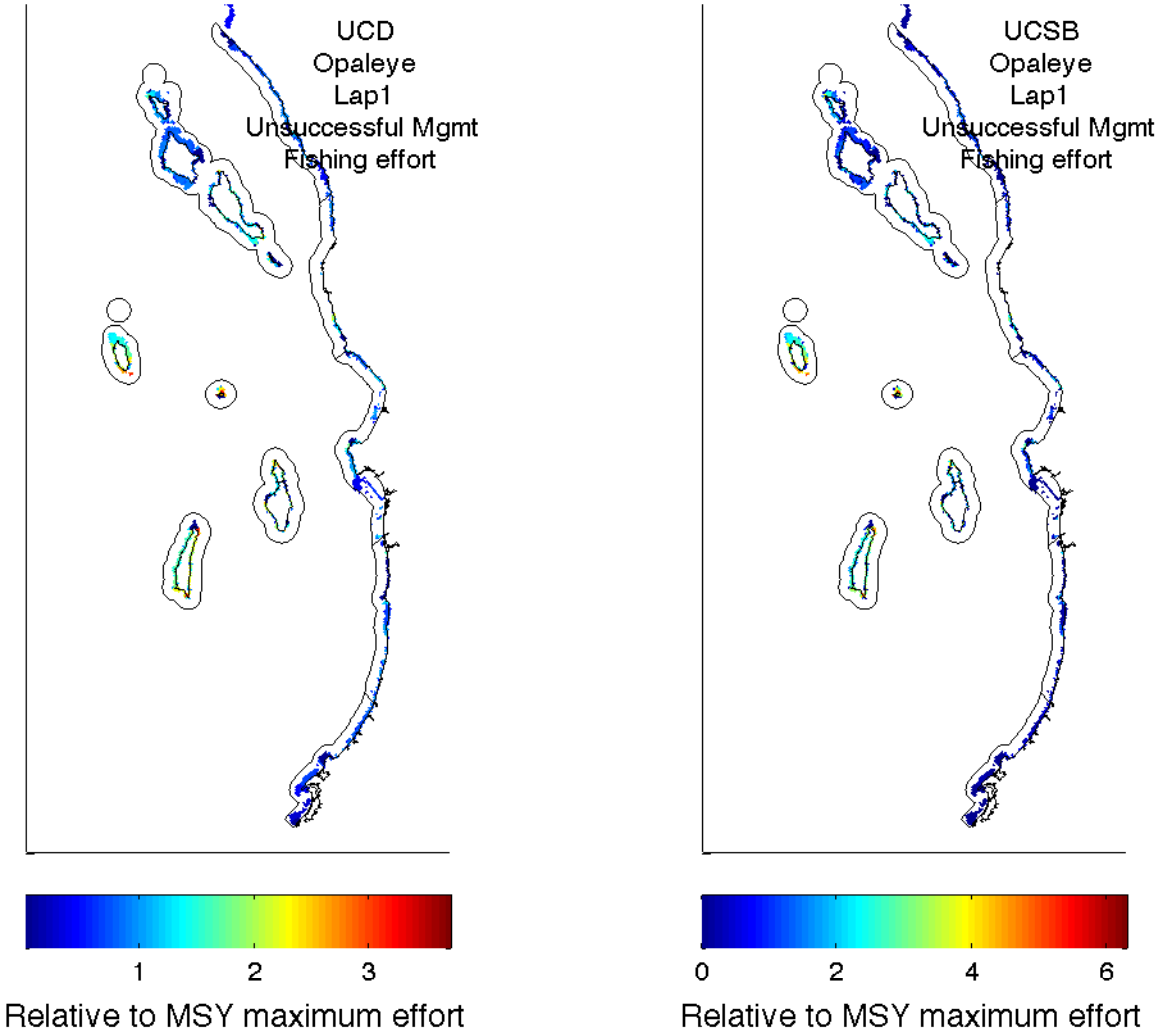

UCD
Opaleye
Lap1
MSY-type
Larval Recruitment
0.05
0.1
0.15
Proportion of Maximum

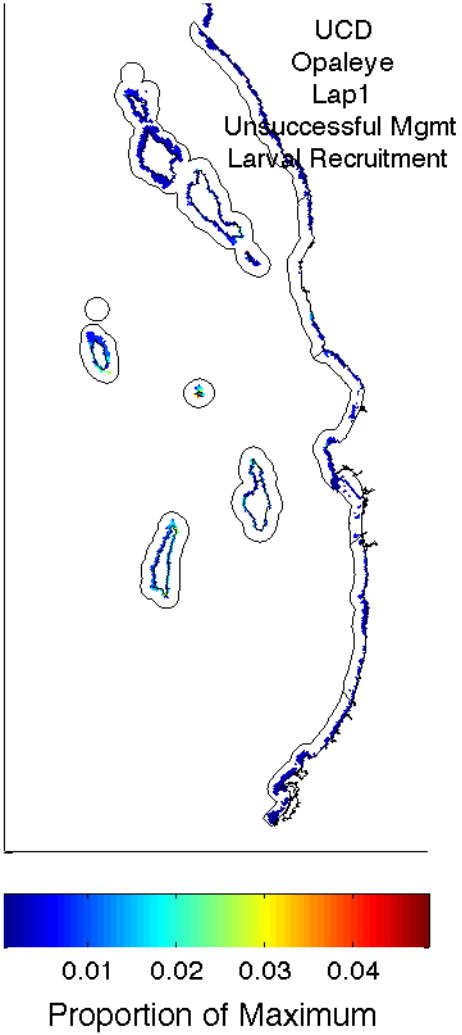

UCD
Opaleye
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY

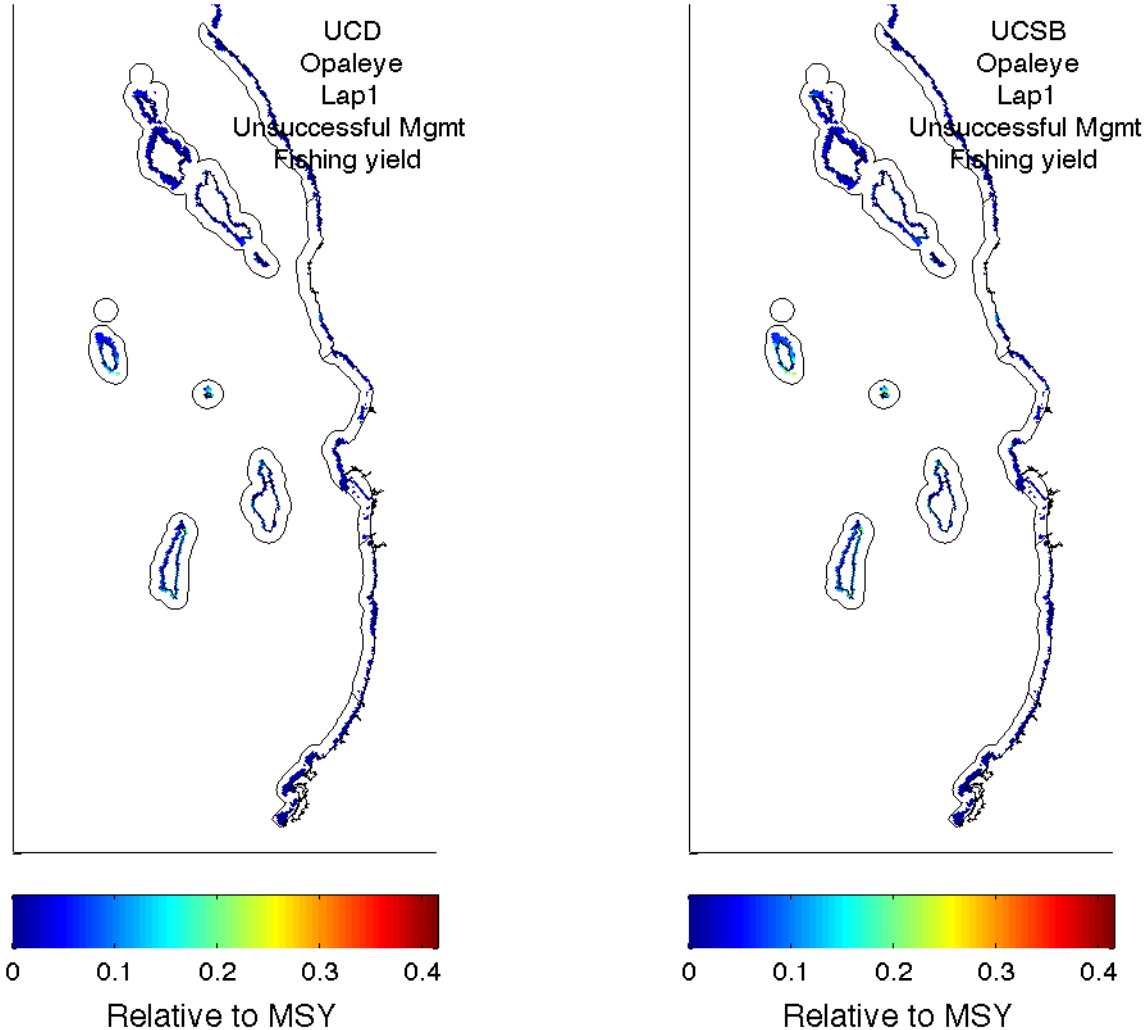

UCSB
Opaleye
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY

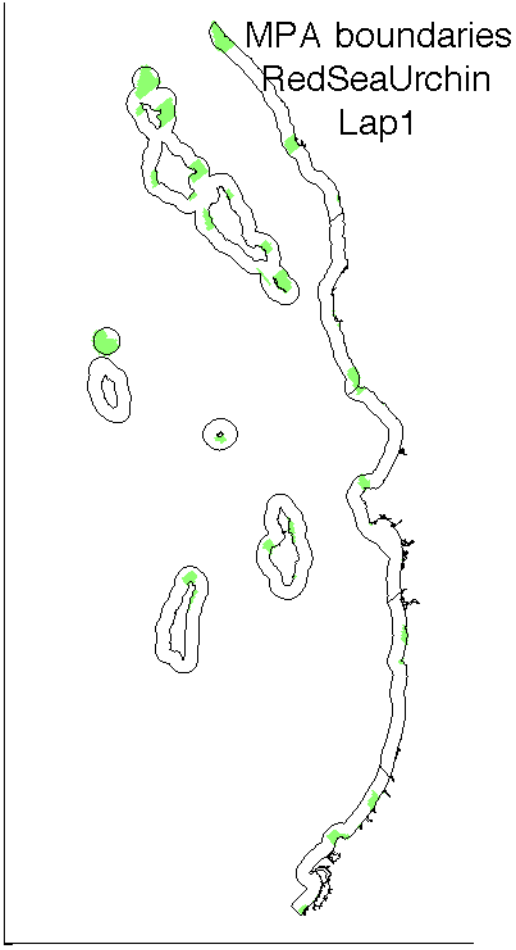

UCD
Opaleye
Lap1
Unsuccessful Mgmt
Biomass
0.1
0.2
Relative to unfished

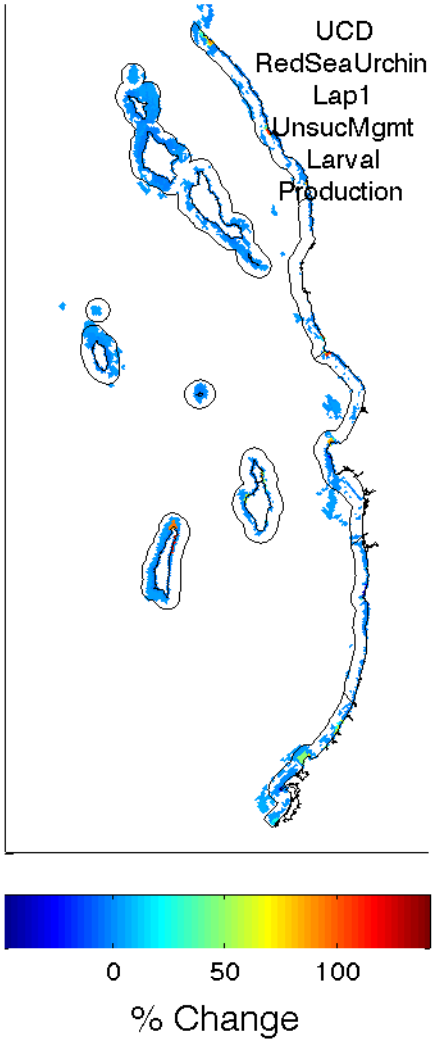

UCSB
Opaleye
Lap1
Unsuccessful Mgmt
Biomass
0.1
0.2
Relative to unfished

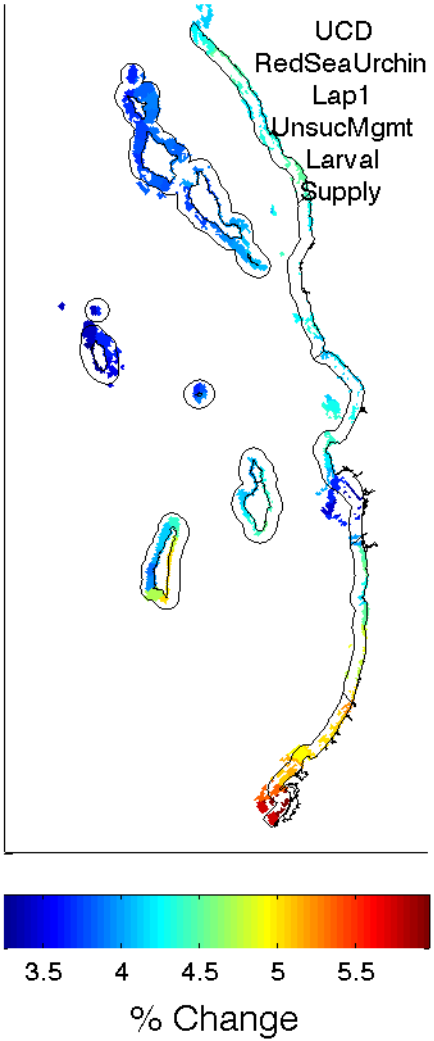

UCD
Opaleye
Lap1
Unsuccessful Mgmt
Fishing effort
1
2
3
Relative to MSY maximum effort
UCSB
Opaleye
Lap1
Unsuccessful Mgmt
Fishing effort
0
2
4
6
Relative to MSY maximum effort

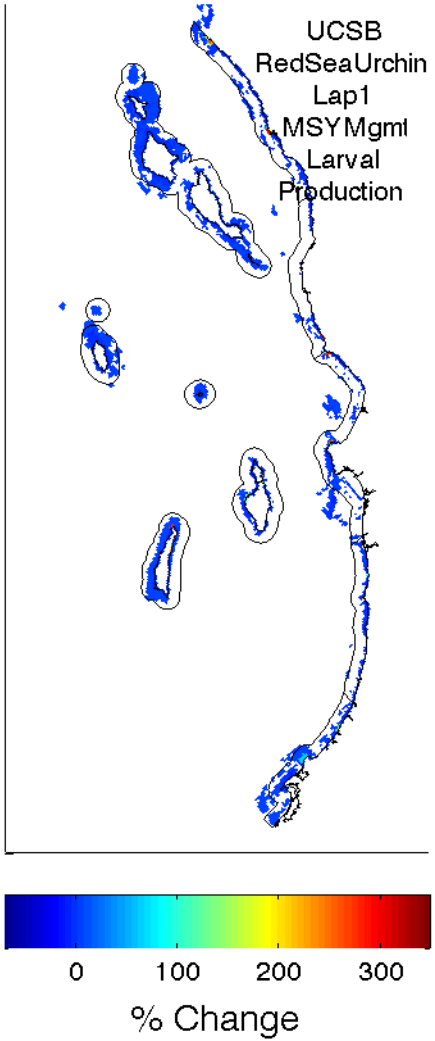

UCD
Opaleye
Lap1
Unsuccessful Mgmt
Larval Recruitment
0.01
0.02
0.03
0.04
Proportion of Maximum

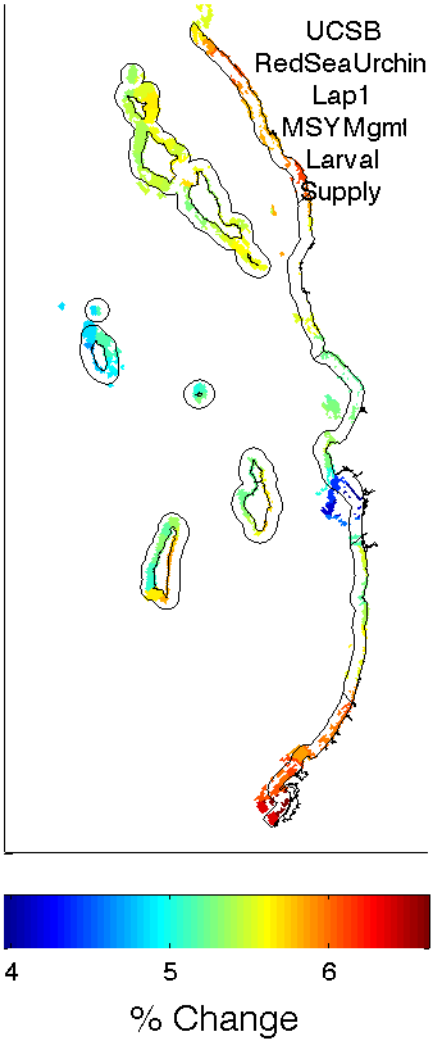

UCD
Opaleye
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
0.3
0.4
Relative to MSY
UCSB
Opaleye
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
0.3
0.4
Relative to MSY

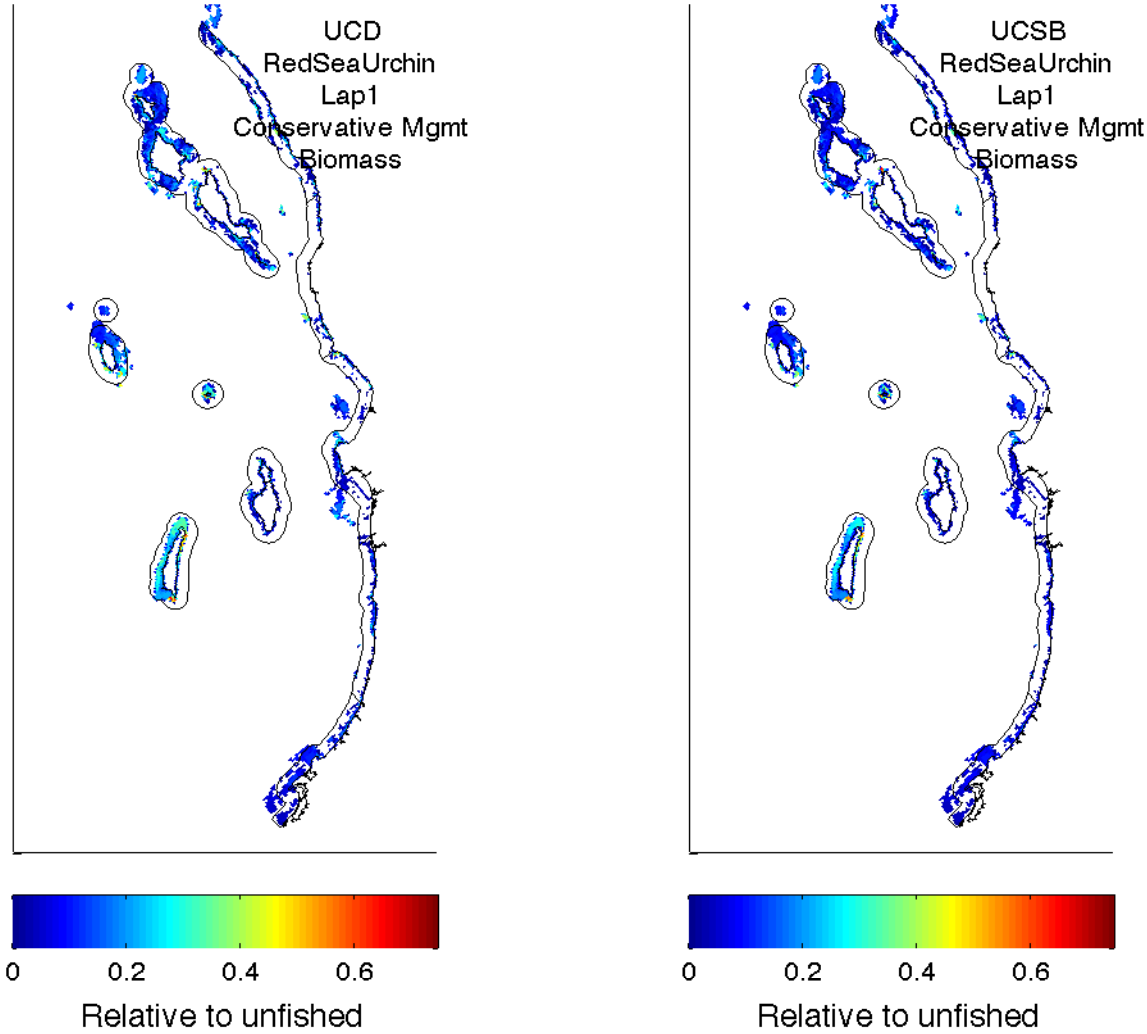

MPA boundaries
RedSeaUrchin
Lap1

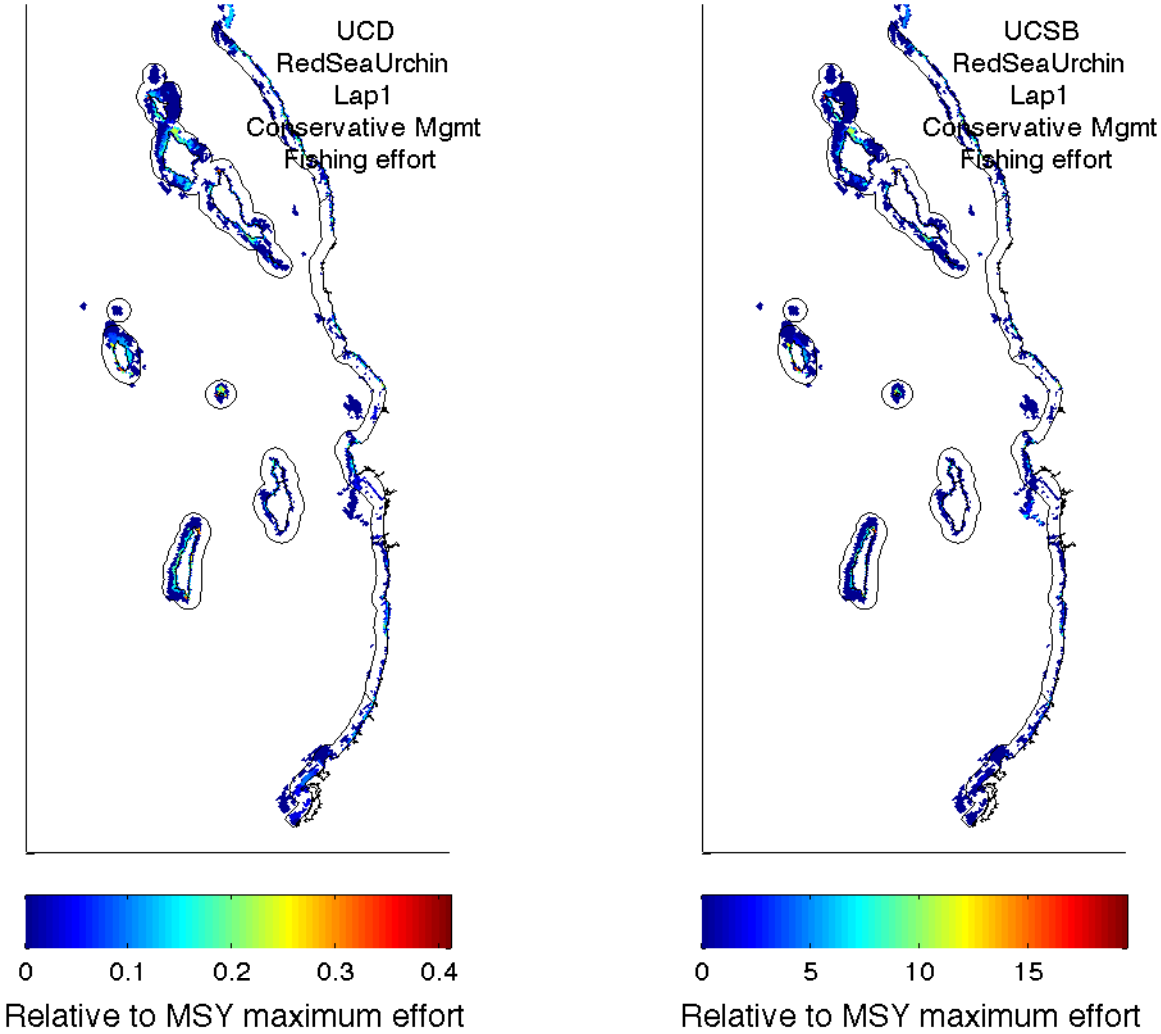

UCD
RedSeaUrchin
Lap1
UnsucMgmt
Larval
Production
0
50
100
% Change

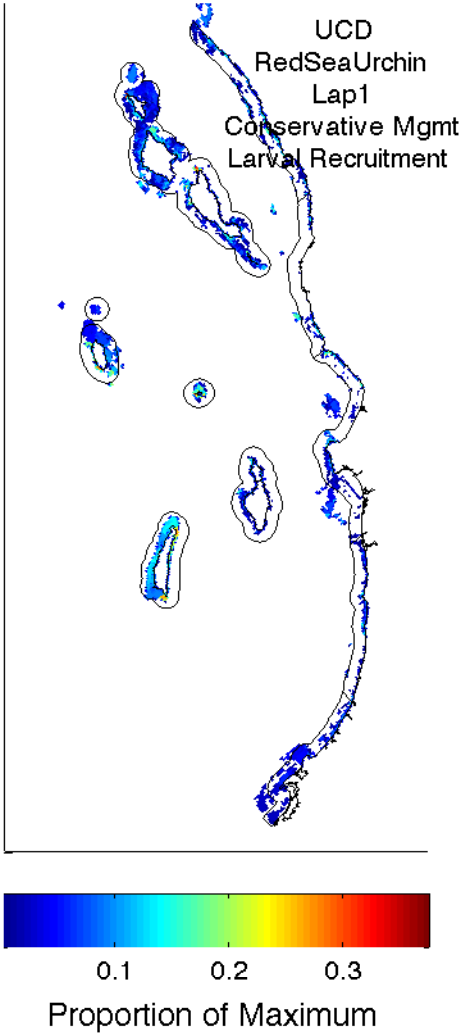

UCD
RedSeaUrchin
Lap1
UnsucMgmt
Larval
Supply
3.5
4
4.5
5
5.5
% Change

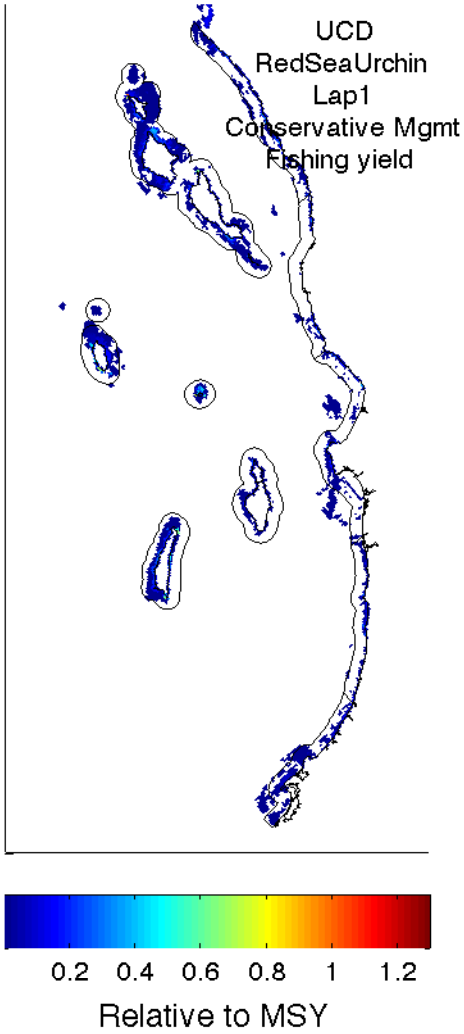

UCSB
RedSeaUrchin
Lap1
MSYMgmt
Larval
Production
0
100
200
300
% Change

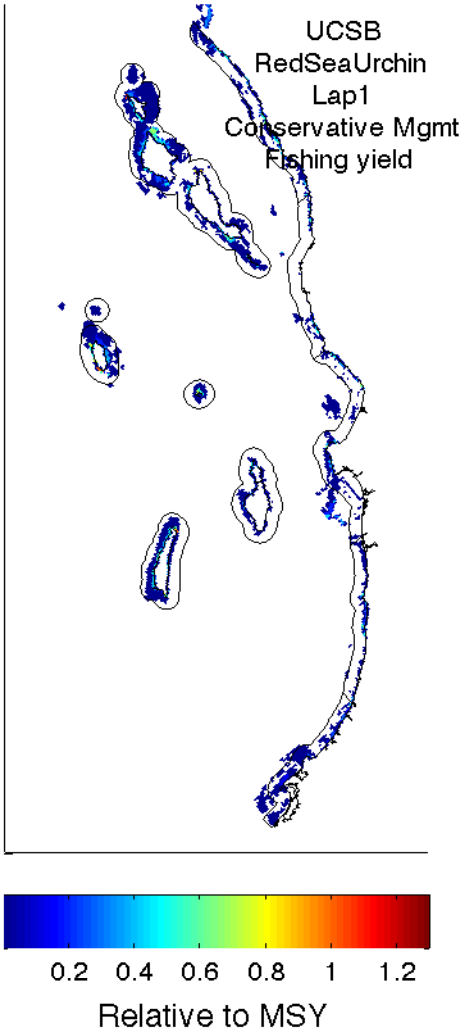

UCSB
RedSeaUrchin
Lap1
MSYMgmt
Larval
Supply
4
5
6
% Change

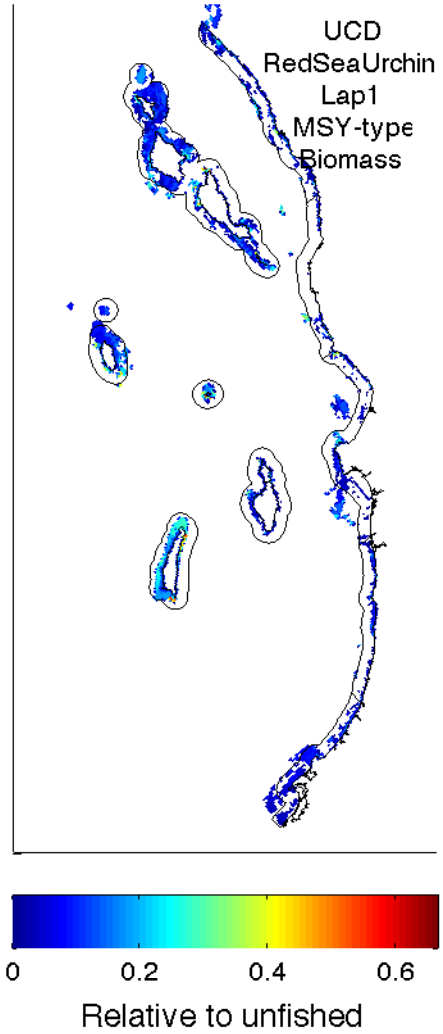

UCD
RedSeaUrchin
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished
UCSB
RedSeaUrchin
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished

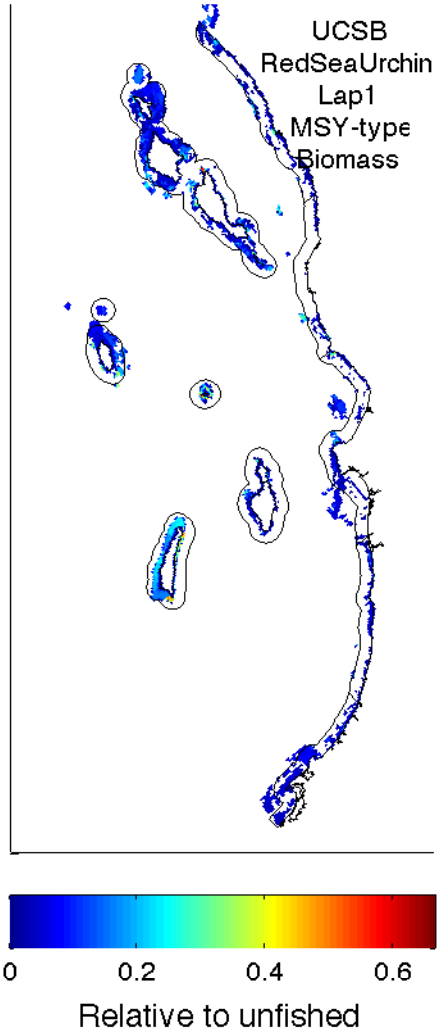

UCD
RedSeaUrchin
Lap1
Conservative Mgmt
Fishing effort
0
0.1
0.2
0.3
0.4
Relative to MSY maximum effort
UCSB
RedSeaUrchin
Lap1
Conservative Mgmt
Fishing effort
0
5
10
15
Relative to MSY maximum effort

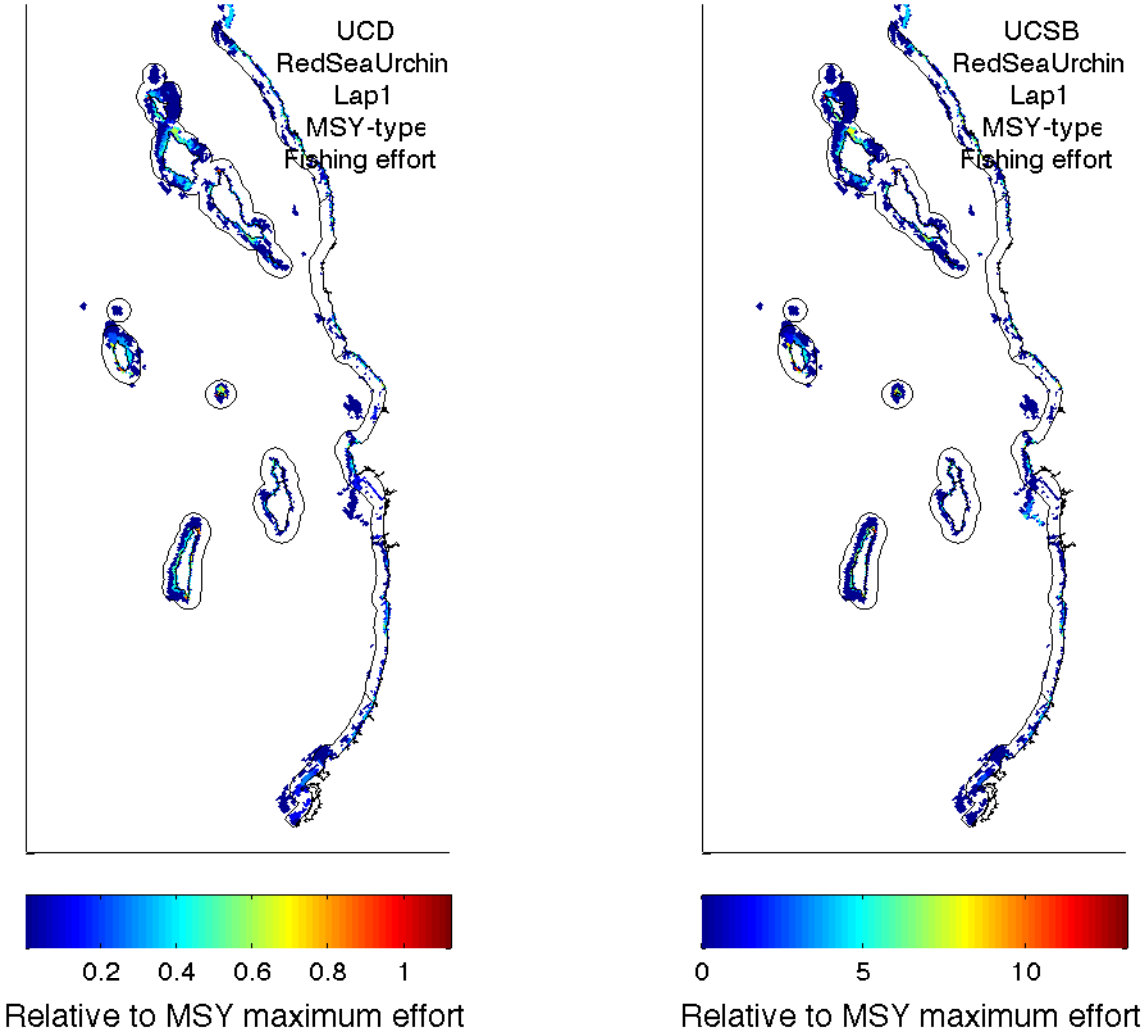

UCD
RedSeaUrchin
Lap1
Conservative Mgmt
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

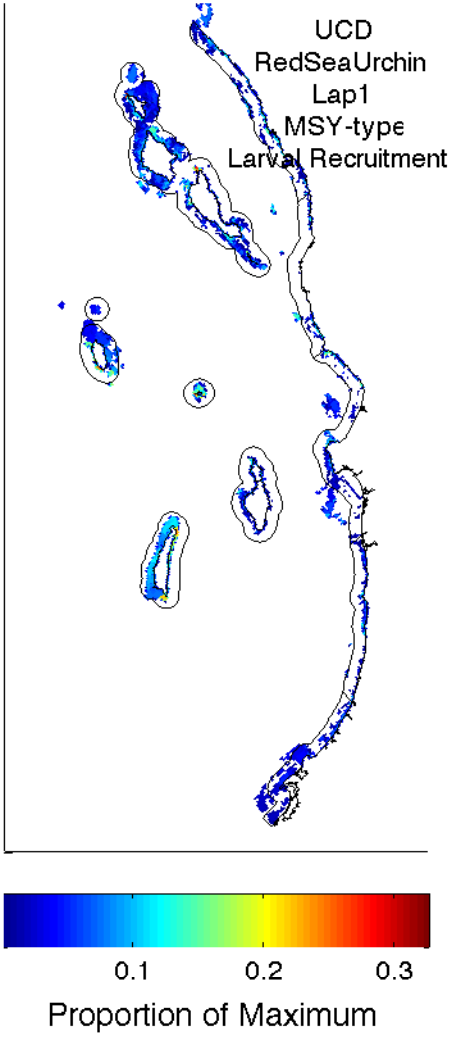

UCD
RedSeaUrchin
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

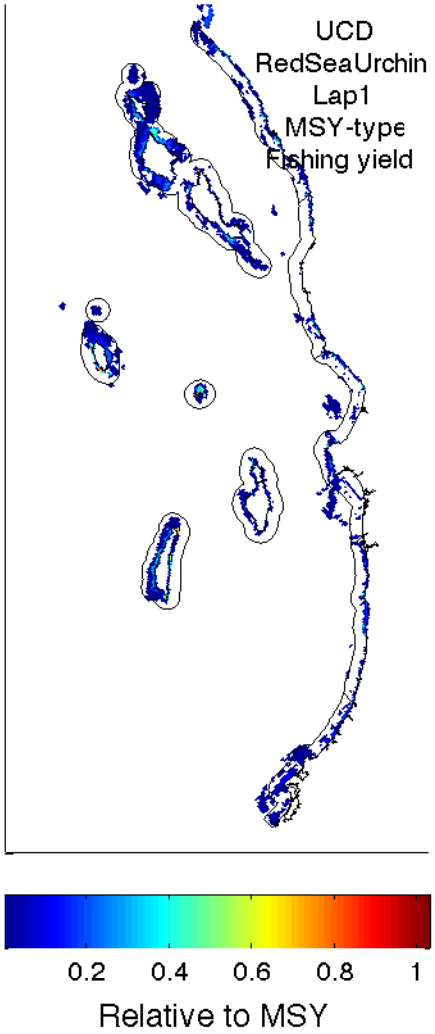

UCSB
RedSeaUrchin
Lap1
Conservative Mgmt
Fishing yield
0.2
0.4
0.6
0.8
1
1.2
Relative to MSY

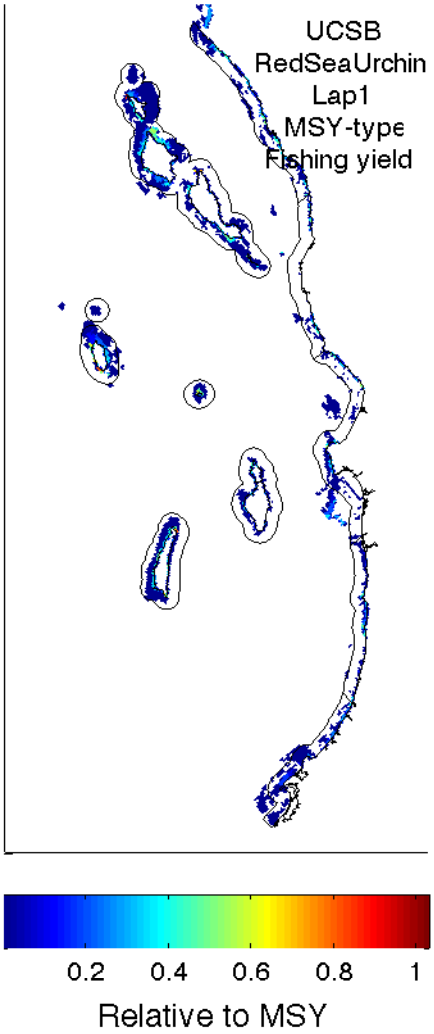

UCD
RedSeaUrchin
Lap1
MSY-type
Biomass
0
0.2
0.4
0.6
Relative to unfished

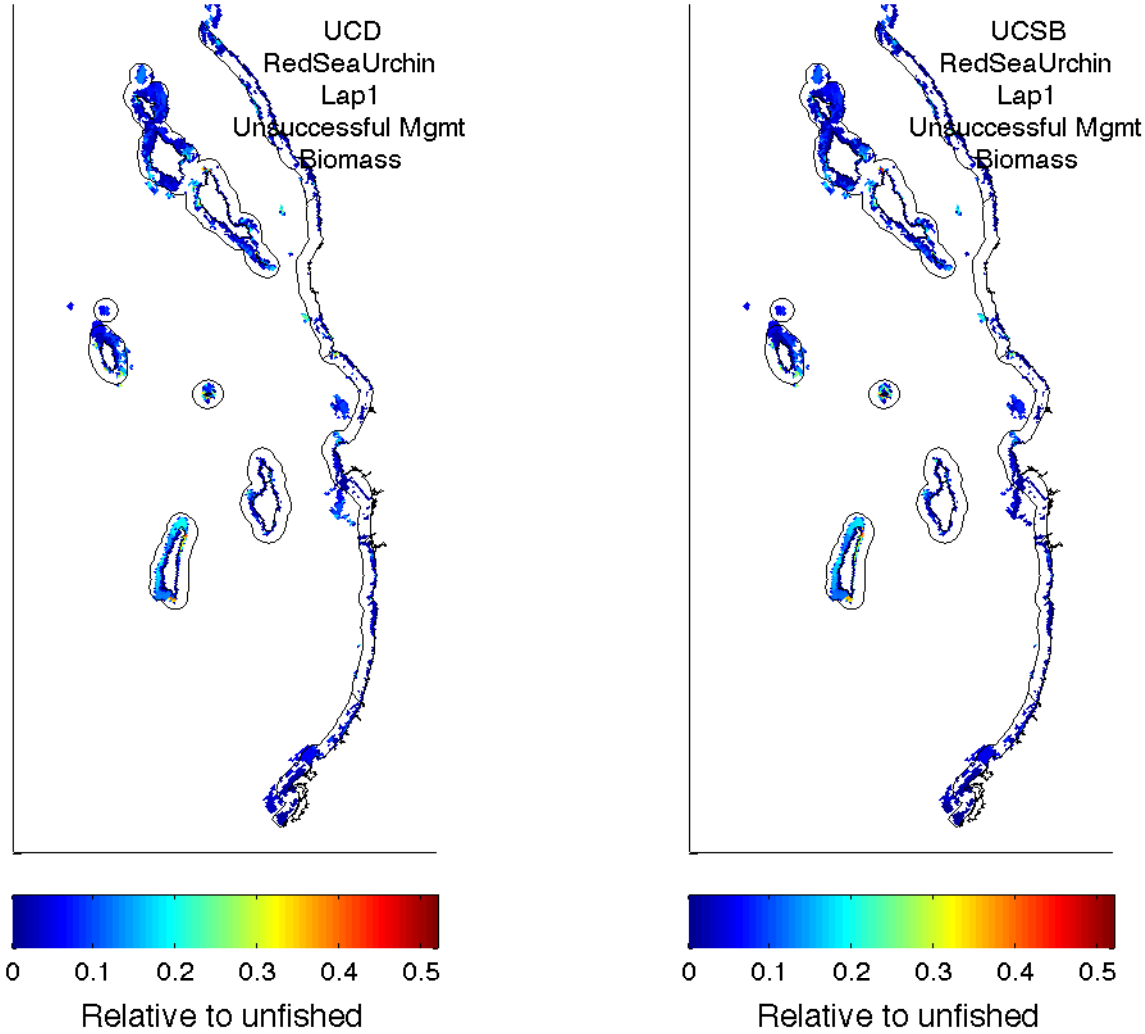

UCSB
RedSeaUrchin
Lap1
MSY-type
Biomass
0
0.2
0.4
0.6
Relative to unfished

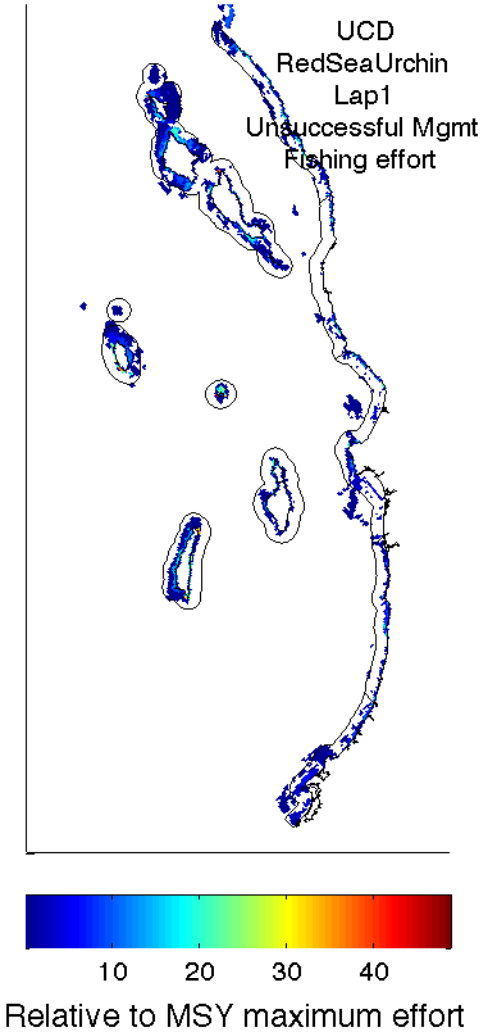

UCD
RedSeaUrchin
Lap1
MSY-type
Fishing effort
0.2
0.4
0.6
0.8
1
Relative to MSY maximum effort
UCSB
RedSeaUrchin
Lap1
MSY-type
Fishing effort
0
5
10
Relative to MSY maximum effort

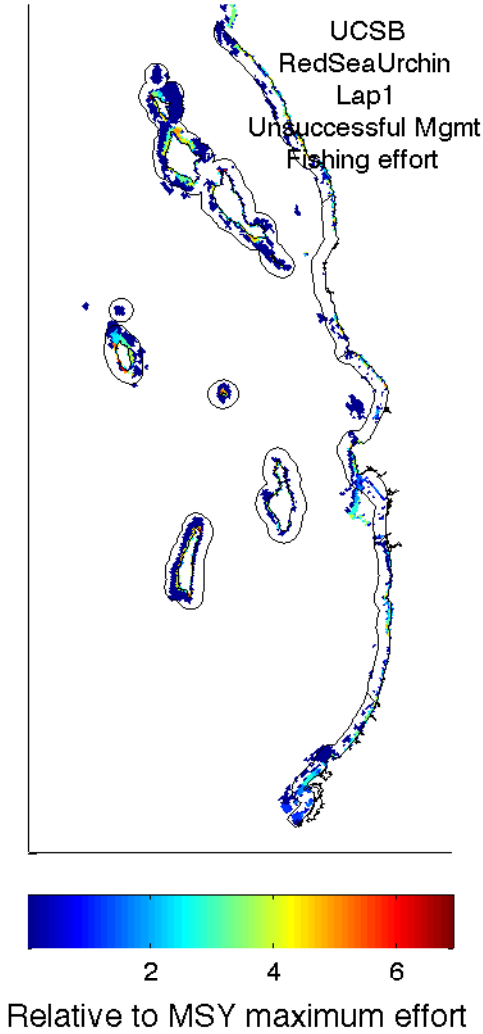

UCD
RedSeaUrchin
Lap1
MSY-type
Larval Recruitment
0.1
0.2
0.3
Proportion of Maximum

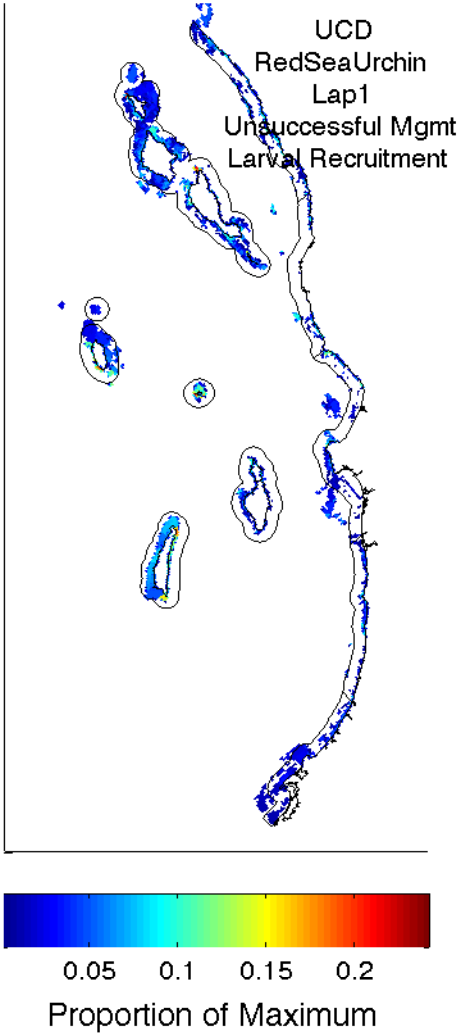

UCD
RedSeaUrchin
Lap1
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

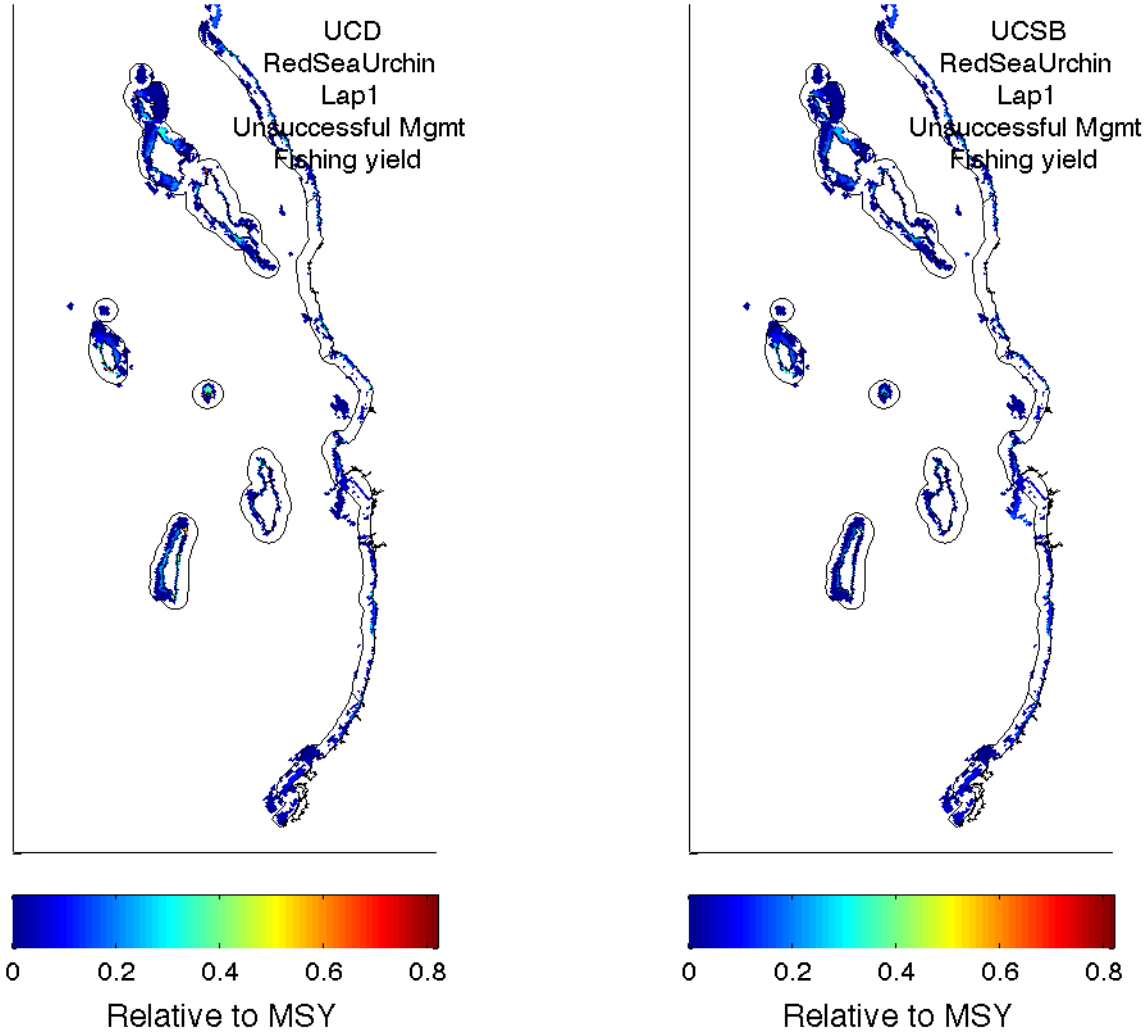

UCSB
RedSeaUrchin
Lap1
MSY-type
Fishing yield
0.2
0.4
0.6
0.8
1
Relative to MSY

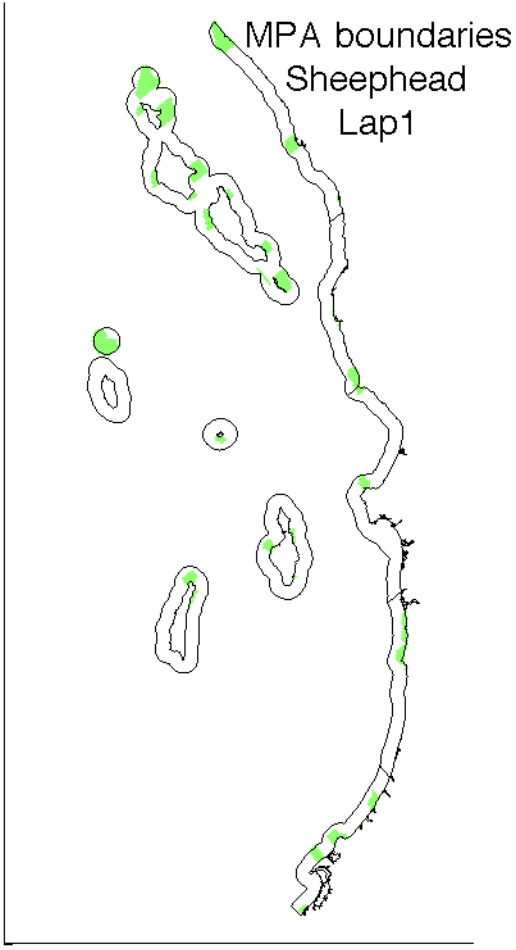

UCD
RedSeaUrchin
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
0.3
0.4
0.5
Relative to unfished
UCSB
RedSeaUrchin
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
0.3
0.4
0.5
Relative to unfished

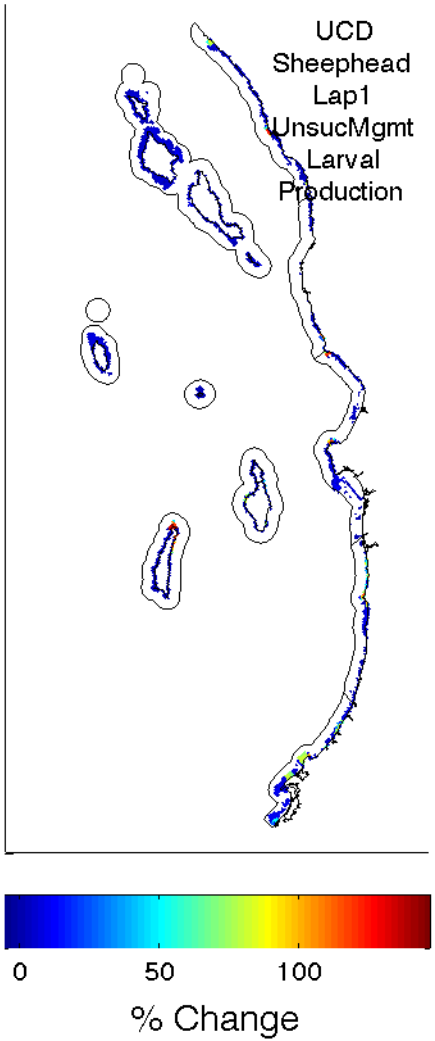

UCD
RedSeaUrchin
Lap1
Unsuccessful Mgmt
Fishing effort
10
20
30
40
Relative to MSY maximum effort

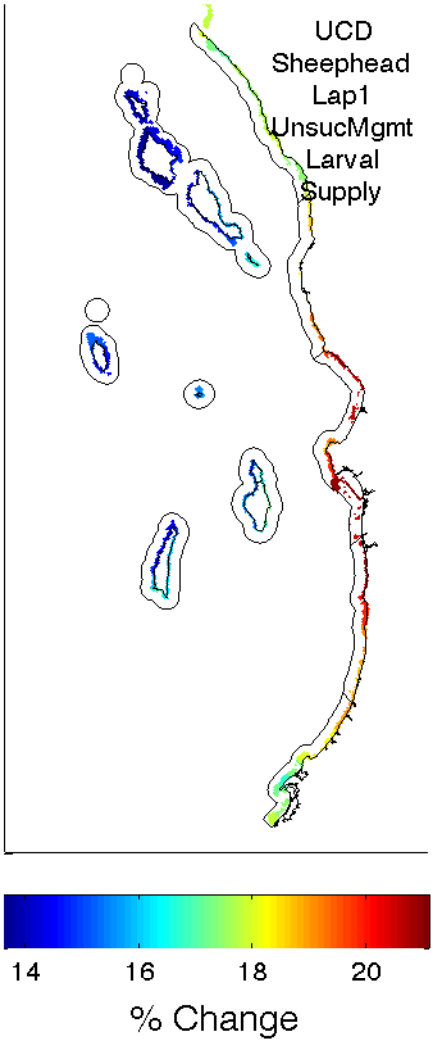

UCSB
RedSeaUrchin
Lap1
Unsuccessful Mgmt
Fishing effort
2
4
6
Relative to MSY maximum effort

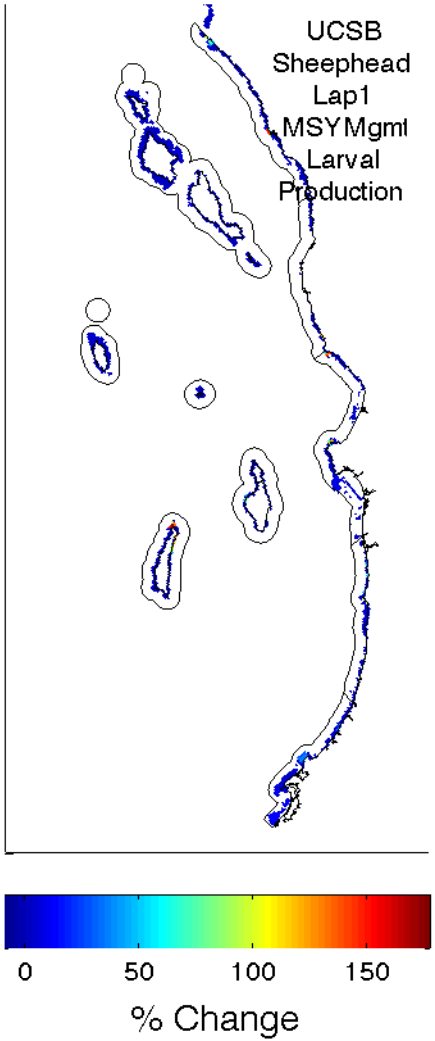

UCD
RedSeaUrchin
Lap1
Unsuccessful Mgmt
Larval Recruitment
0.05
0.1
0.15
0.2
Proportion of Maximum

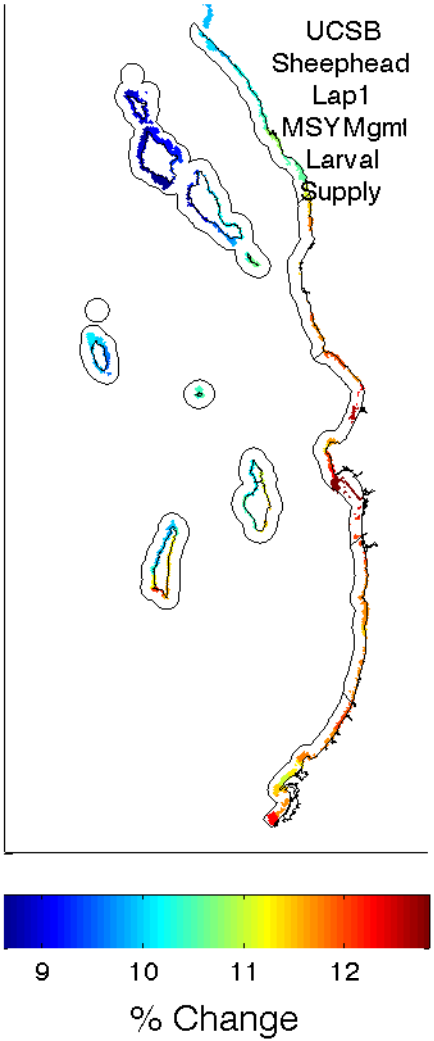

UCD
RedSeaUrchin
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY
UCSB
RedSeaUrchin
Lap1
Unsuccessful Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

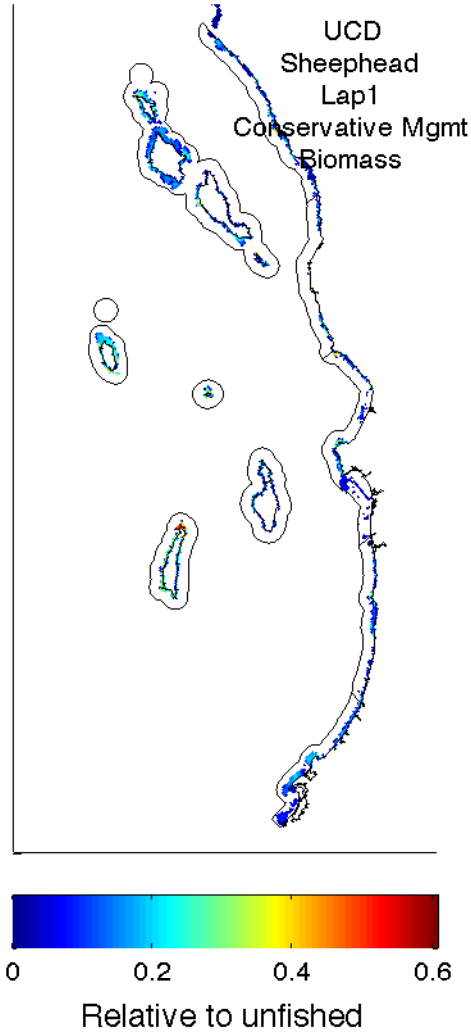

MPA boundaries
Sheephead
Lap1

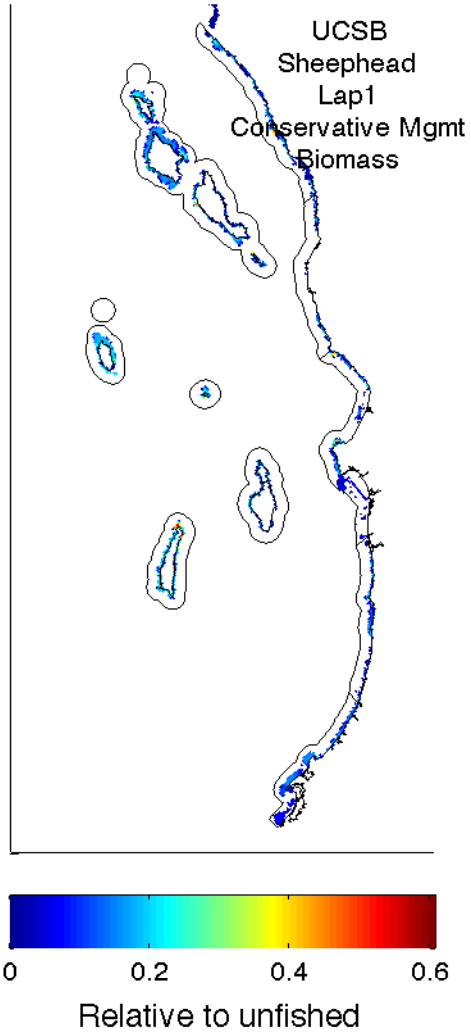

UCD
Sheephead
Lap1
UnsucMgmt
Larval
Production
0
50
100
% Change

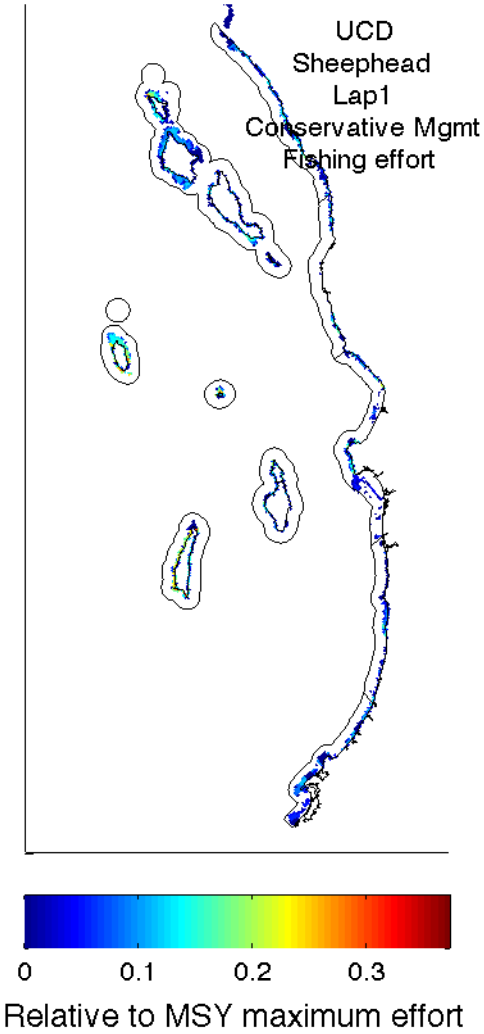

UCD
Sheephead
Lap1
UnsucMgmt
Larval
Supply
14
16
18
20
% Change

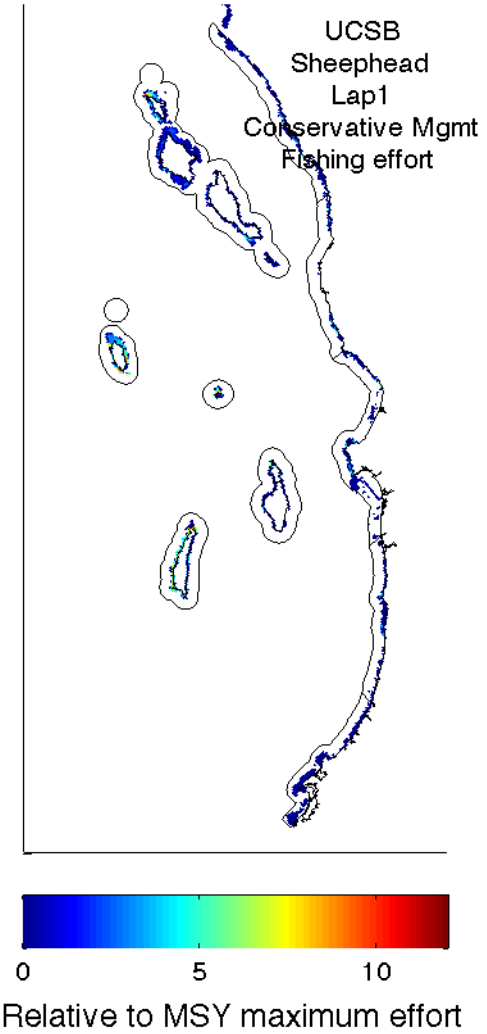

UCSB
Sheephead
Lap1
MSYMgmt
Larval
Production
0
50
100
150
% Change

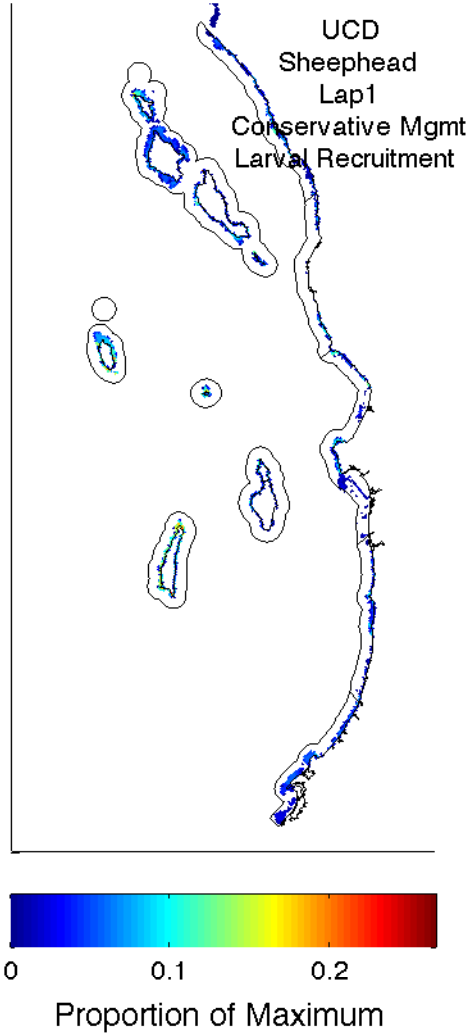

UCSB
Sheephead
Lap1
MSYMgmt
Larval
Supply
9
10
11
12
% Change

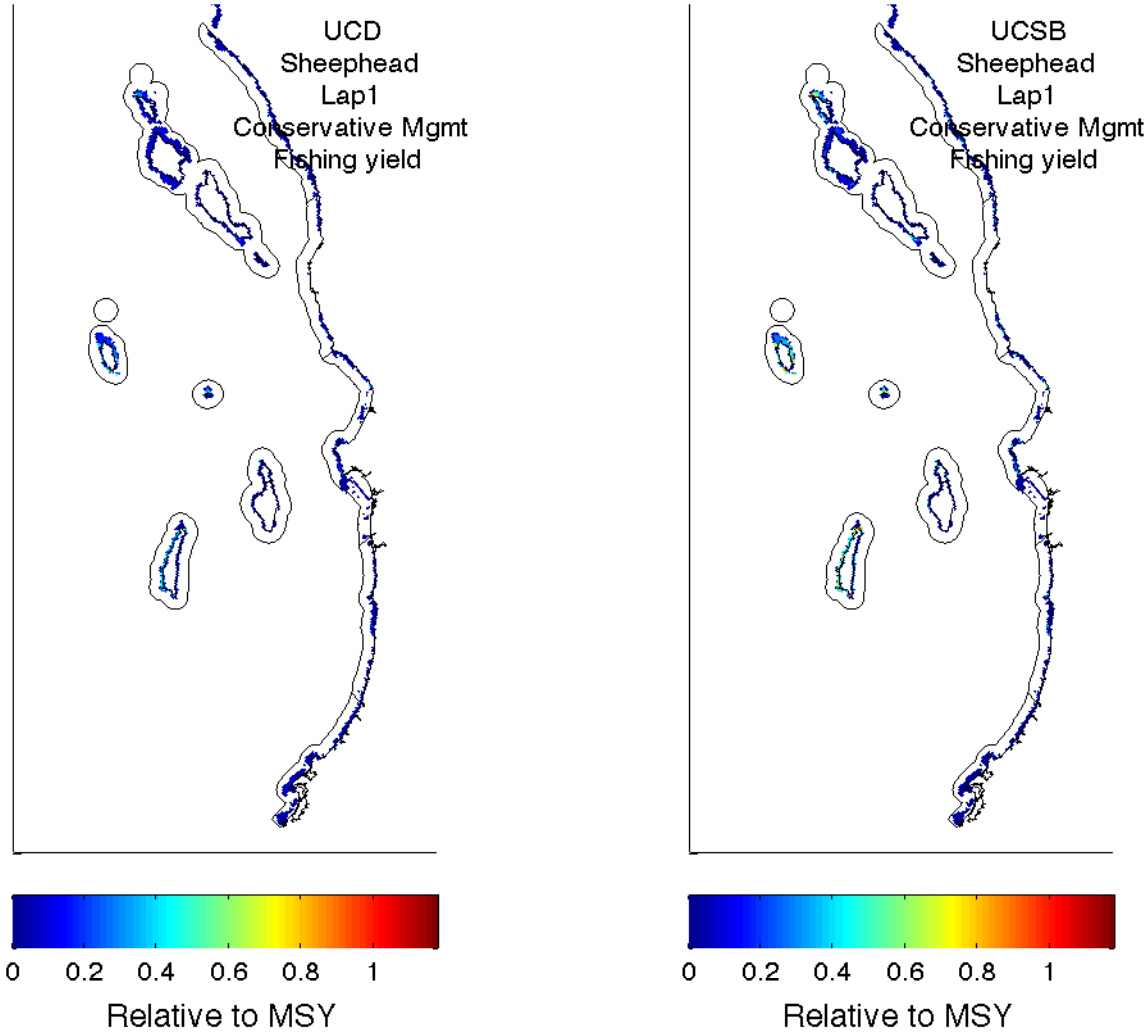

UCD
Sheephead
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished

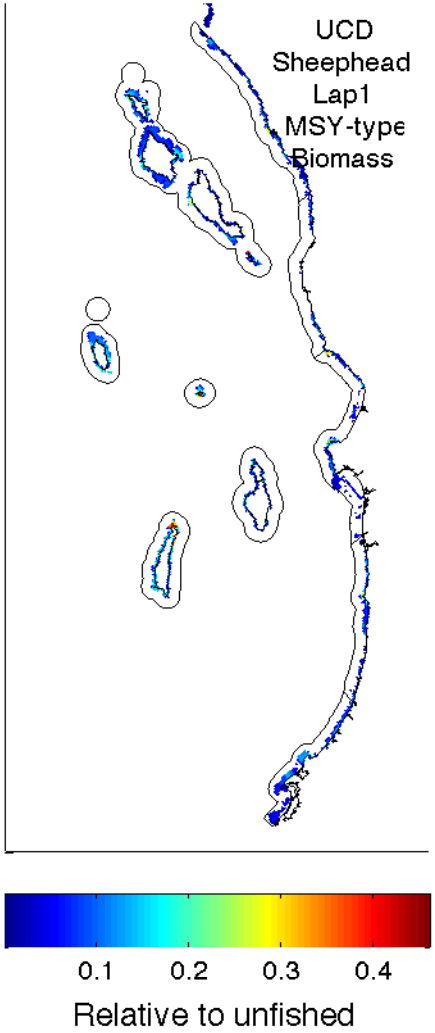

UCSB
Sheephead
Lap1
Conservative Mgmt
Biomass
0
0.2
0.4
0.6
Relative to unfished

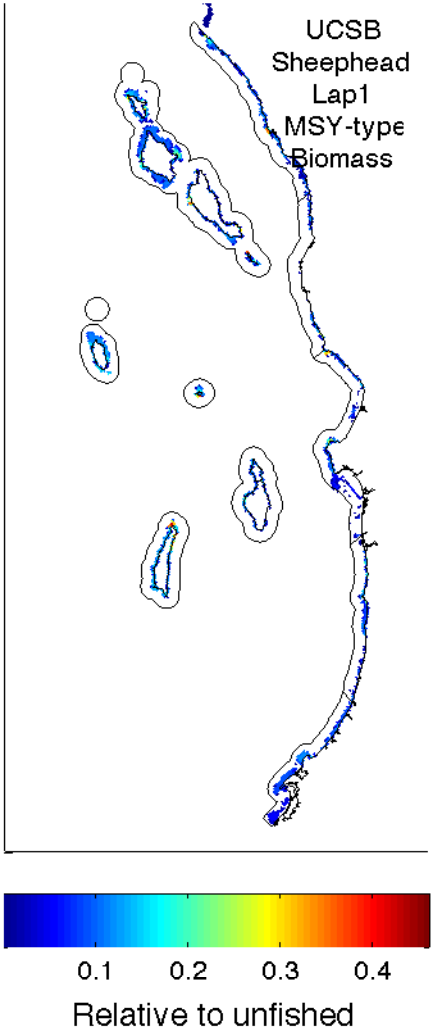

UCD
Sheephead
Lap1
Conservative Mgmt
Fishing effort
0
0.1
0.2
0.3
Relative to MSY maximum effort

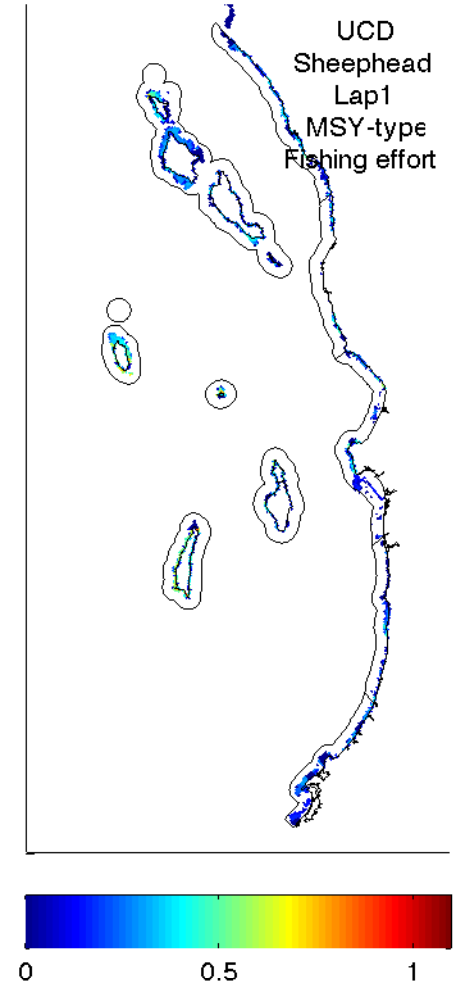

UCSB
Sheephead
Lap1
Conservative Mgmt
Fishing effort
0
5
10
Relative to MSY maximum effort

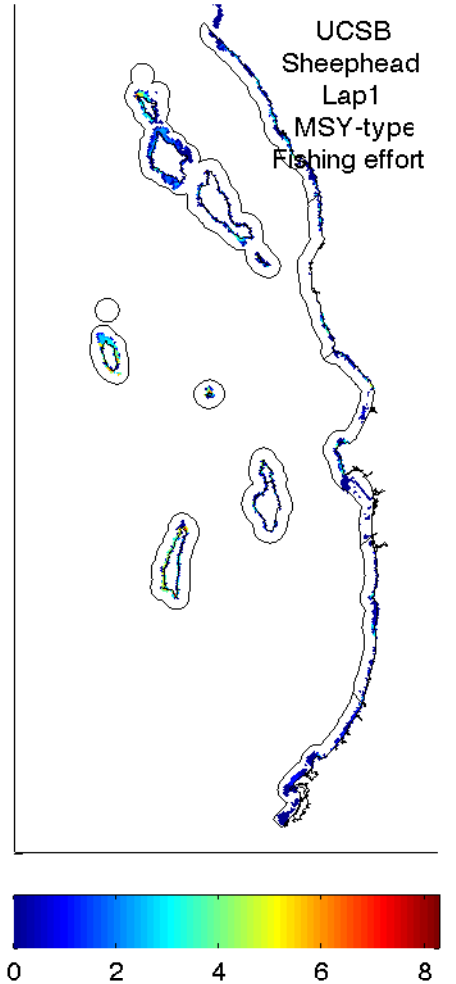

UCD
Sheephead
Lap1
Conservative Mgmt
Larval Recruitment
0
0.1
0.2
Proportion of Maximum

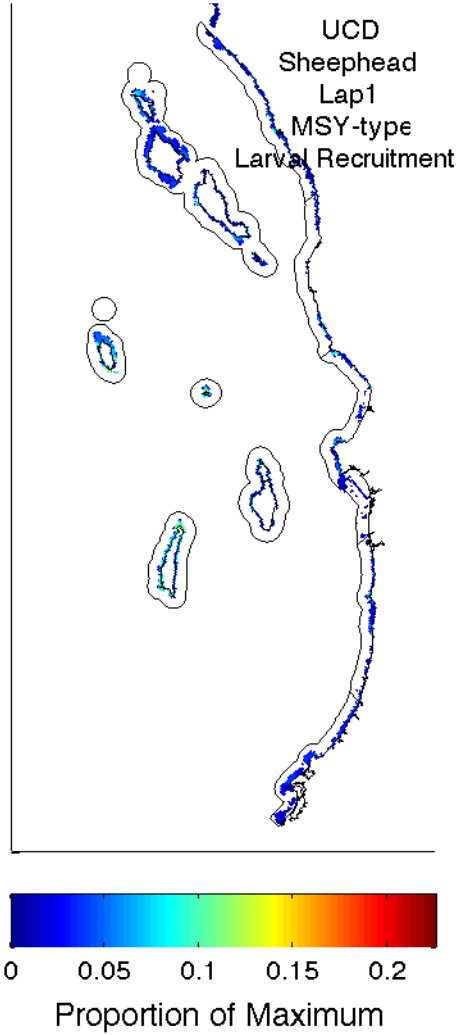

UCD
Sheephead
Lap1
Conservative Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY
UCSB
Sheephead
Lap1
Conservative Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY

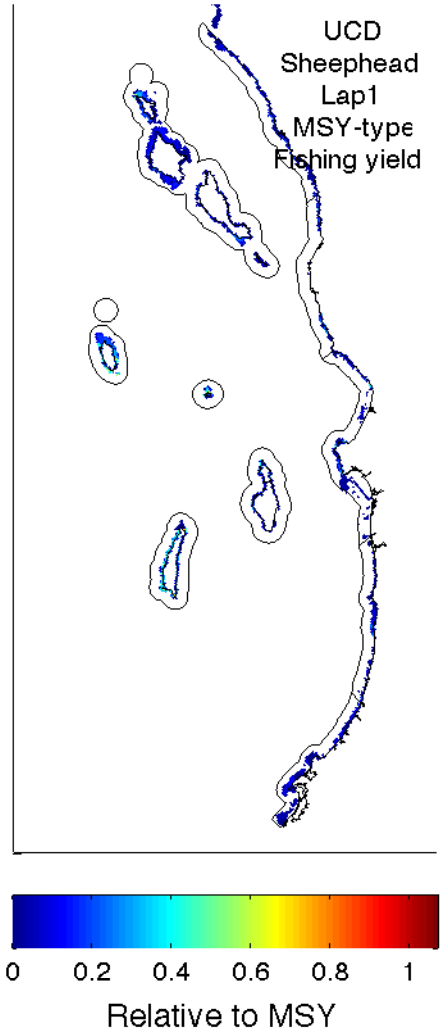

UCD
Sheephead
Lap1
MSY-type
Biomass
0.1
0.2
0.3
0.4
Relative to unfished

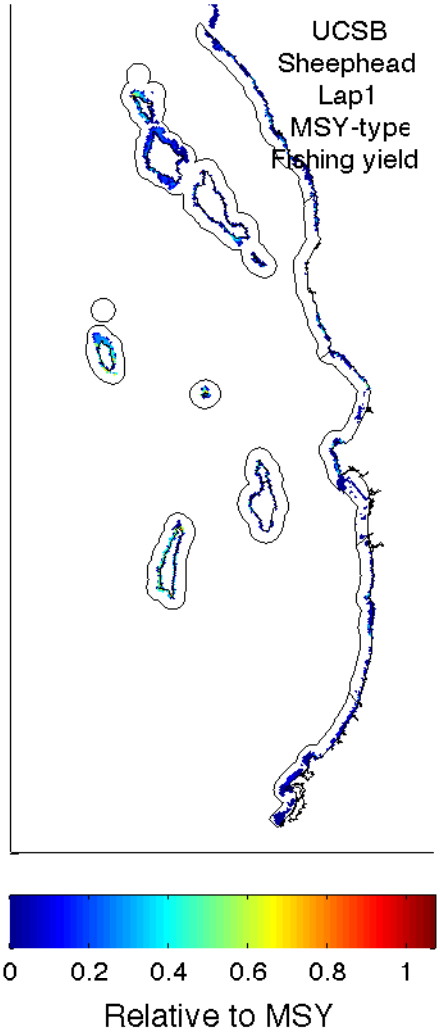

UCSB
Sheephead
Lap1
MSY-type
Biomass
0.1
0.2
0.3
0.4
Relative to unfished

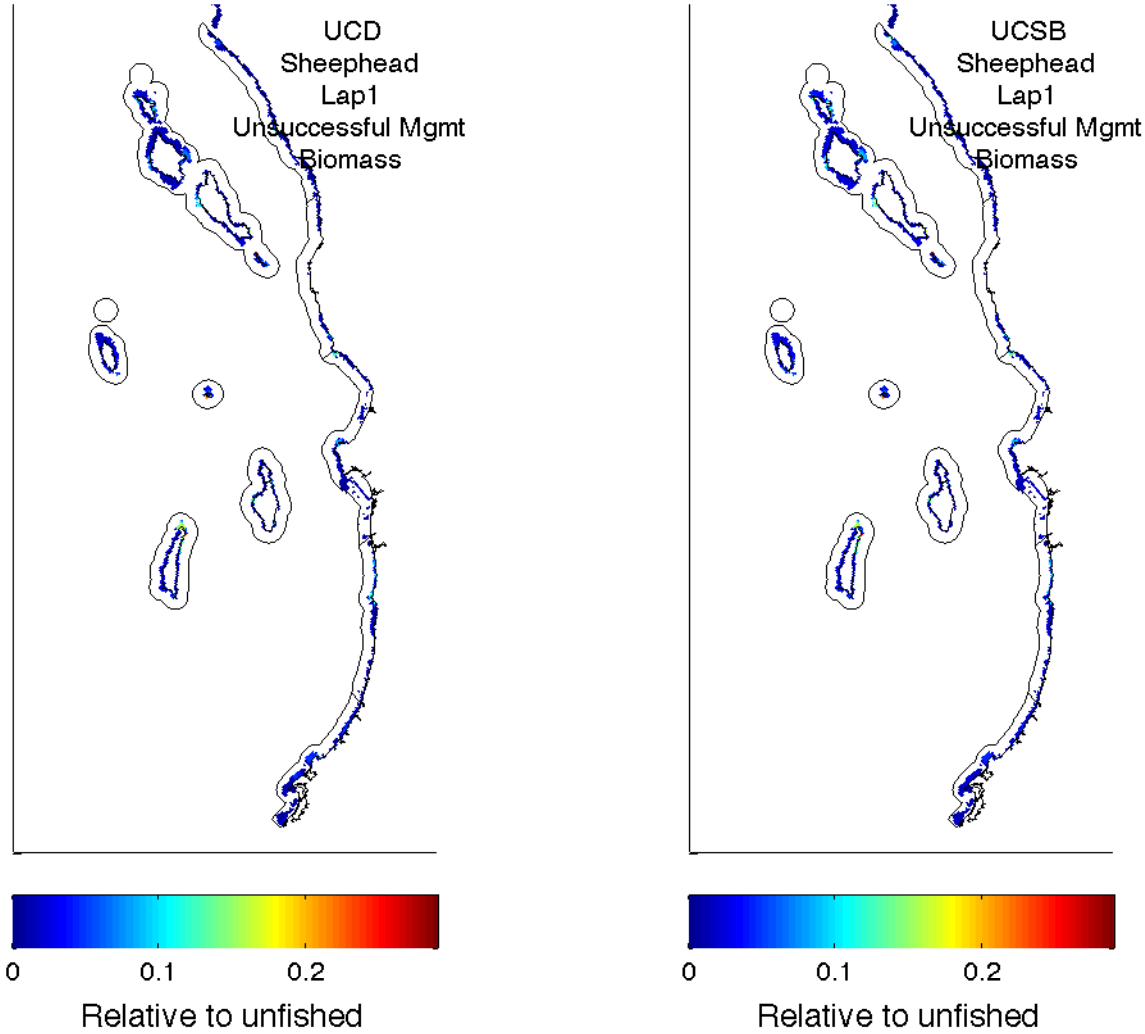

UCD
Sheephead
Lap1
MSY-type
Fishing effort
0
0.5
1
Relative to MSY maximum effort

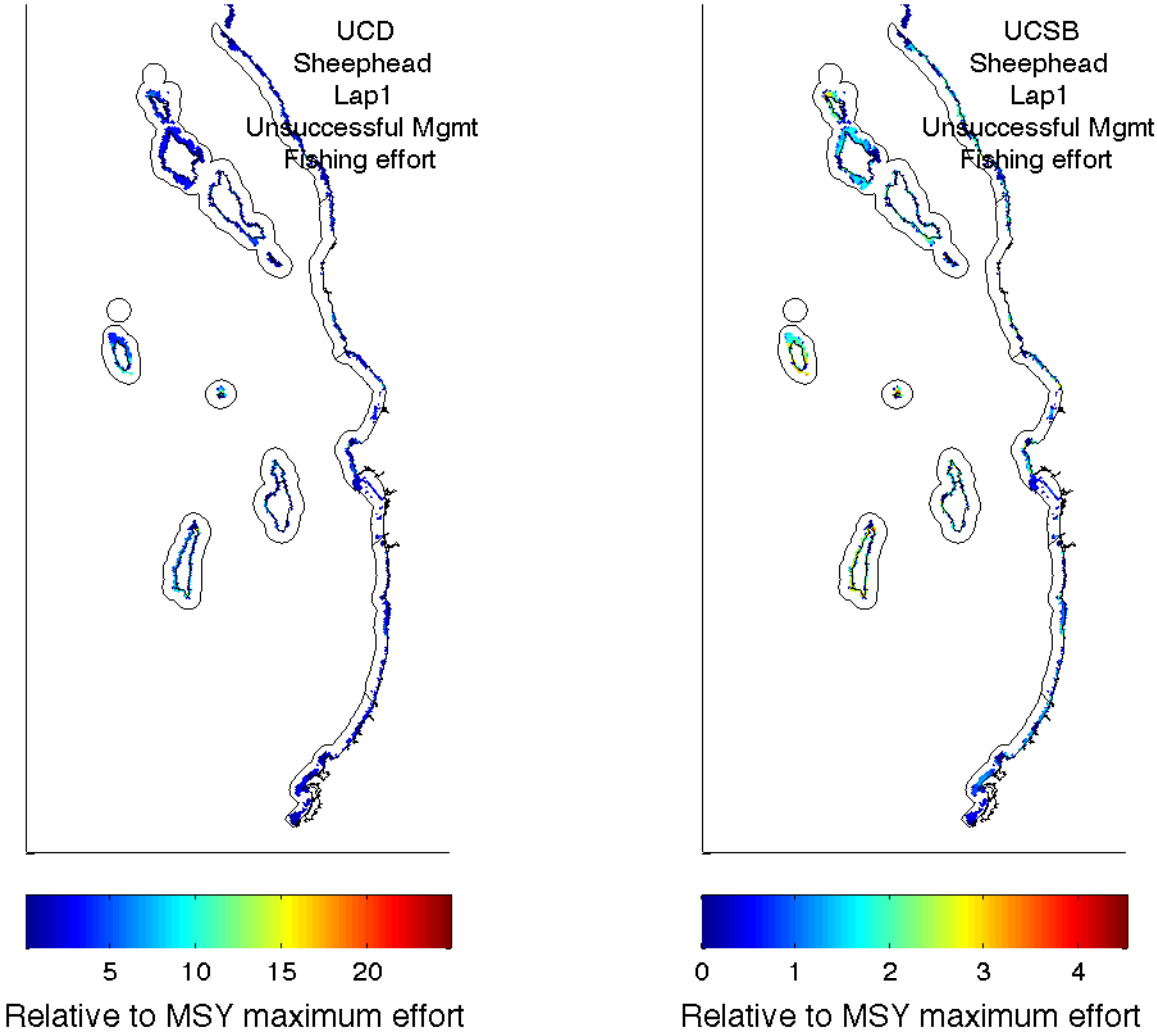

UCSB
Sheephead
Lap1
MSY-type
Fishing effort
0
2
4
6
8
Relative to MSY maximum effort

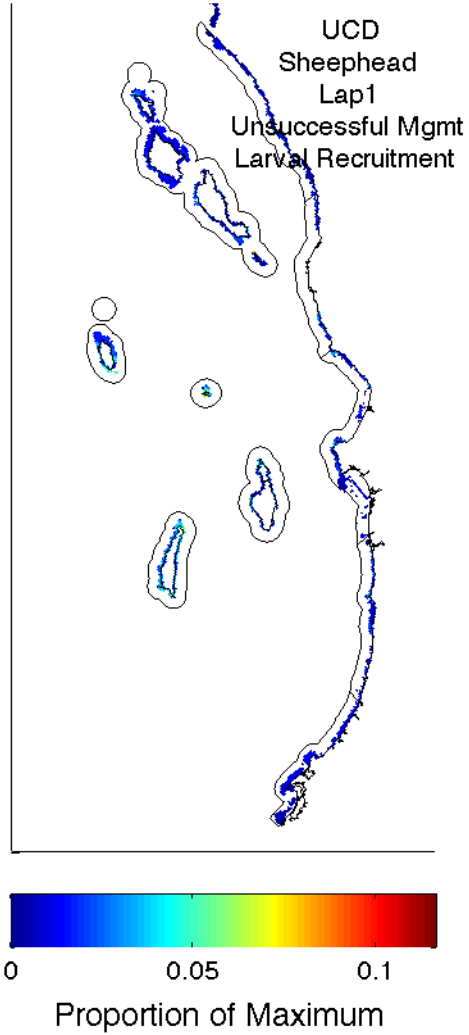

UCD
Sheephead
Lap1
MSY-type
Larval Recruitment
0
0.05
0.1
0.15
0.2
Proportion of Maximum

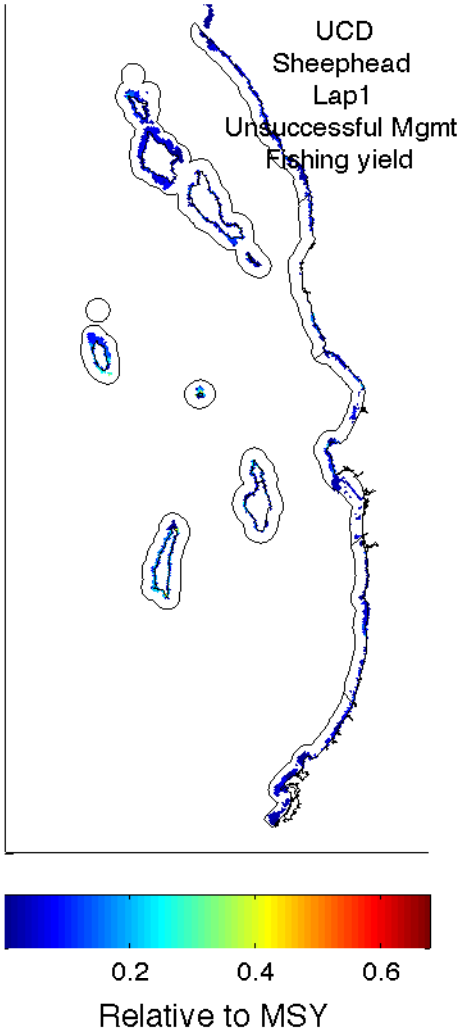

UCD
Sheephead
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY

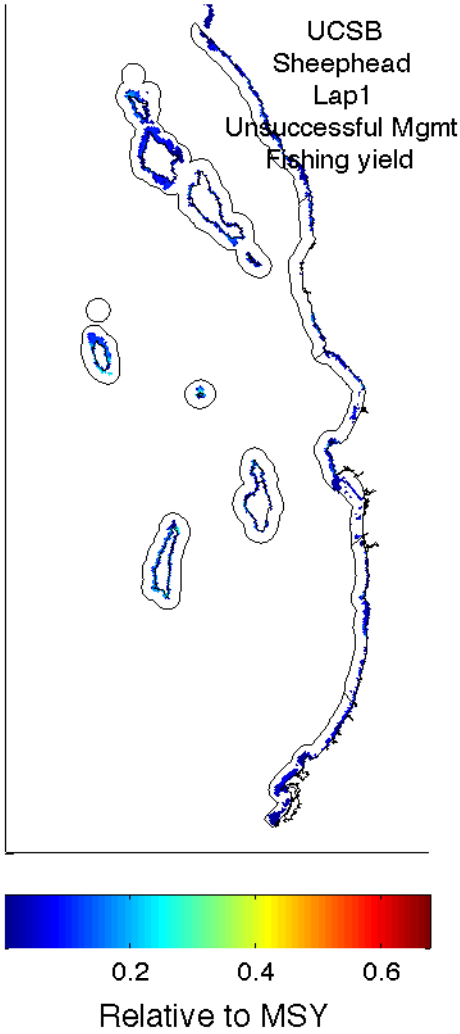

UCSB
Sheephead
Lap1
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
1
Relative to MSY


UCD
Sheephead
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
Relative to unfished
UCSB
Sheephead
Lap1
Unsuccessful Mgmt
Biomass
0
0.1
0.2
Relative to unfished


UCD
Sheephead
Lap1
Unsuccessful Mgmt
Fishing effort
5
10
15
20
Relative to MSY maximum effort
UCSB
Sheephead
Lap1
Unsuccessful Mgmt
Fishing effort
0
1
2
3
4
Relative to MSY maximum effort


UCD
Sheephead
Lap1
Unsuccessful Mgmt
Larval Recruitment
0
0.05
0.1
Proportion of Maximum


UCD
Sheephead
Lap1
Unsuccessful Mgmt
Fishing yield
0.2
0.4
0.6
Relative to MSY


UCSB
Sheephead
Lap1
Unsuccessful Mgmt
Fishing yield
0.2
0.4
0.6
Relative to MSY