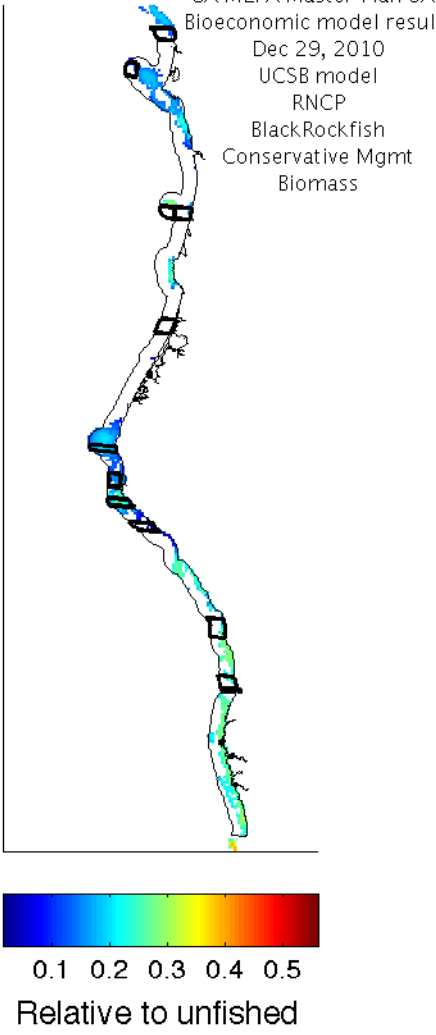
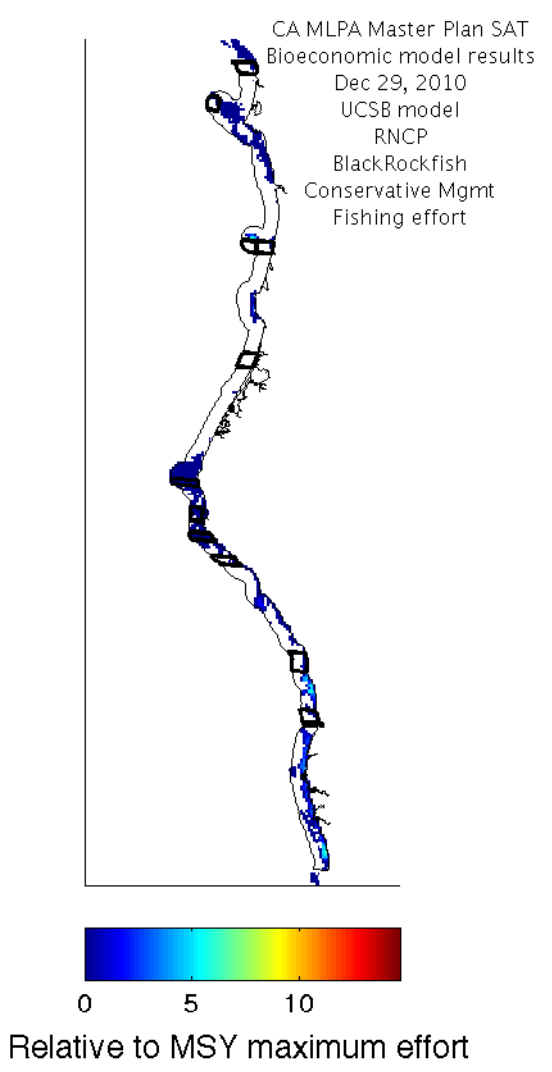

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BlackRockfish
Conservative Mgmt
Biomass
0.1 0.2 0.3 0.4 0.5
Relative to unfished


CA MLPA Master Plan SAT
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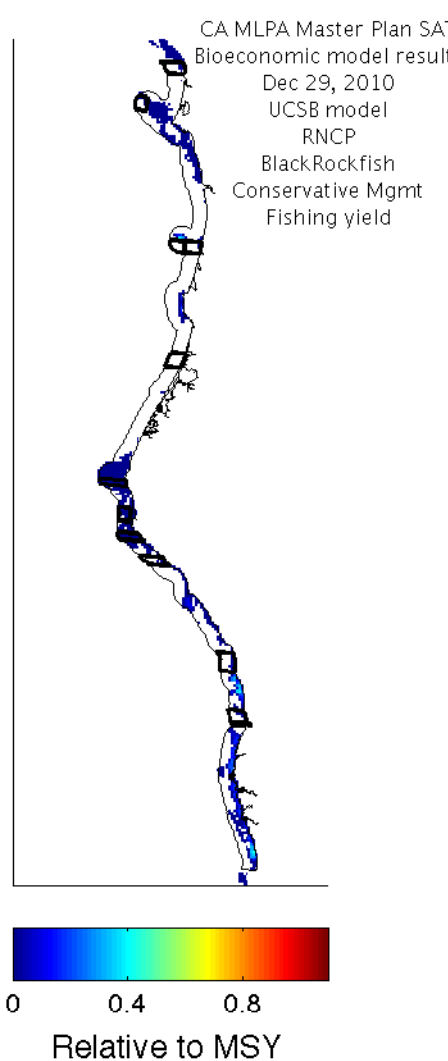
Dec 29, 2010
UCSB model
RNCP
BlackRockfish
Conservative Mgmt
Fishing effort
0
5
10
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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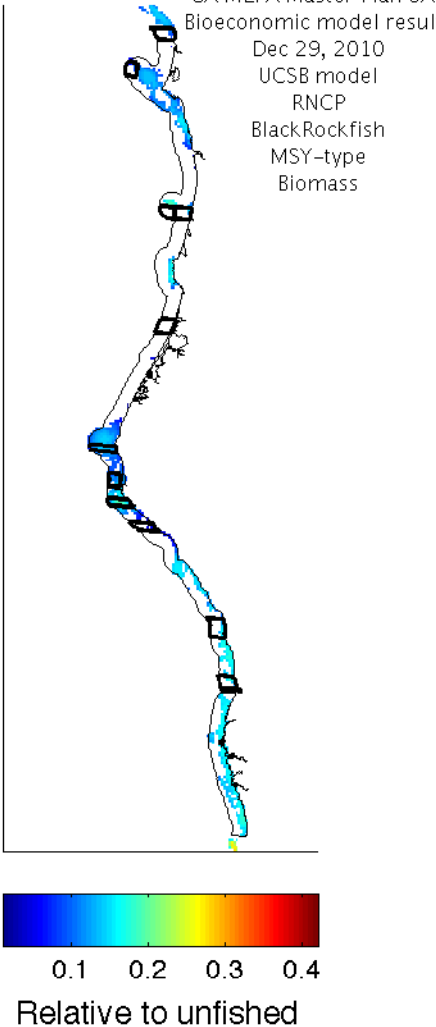
UCSB model
RNCP
BlackRockfish
Conservative Mgmt
Fishing yield
0
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
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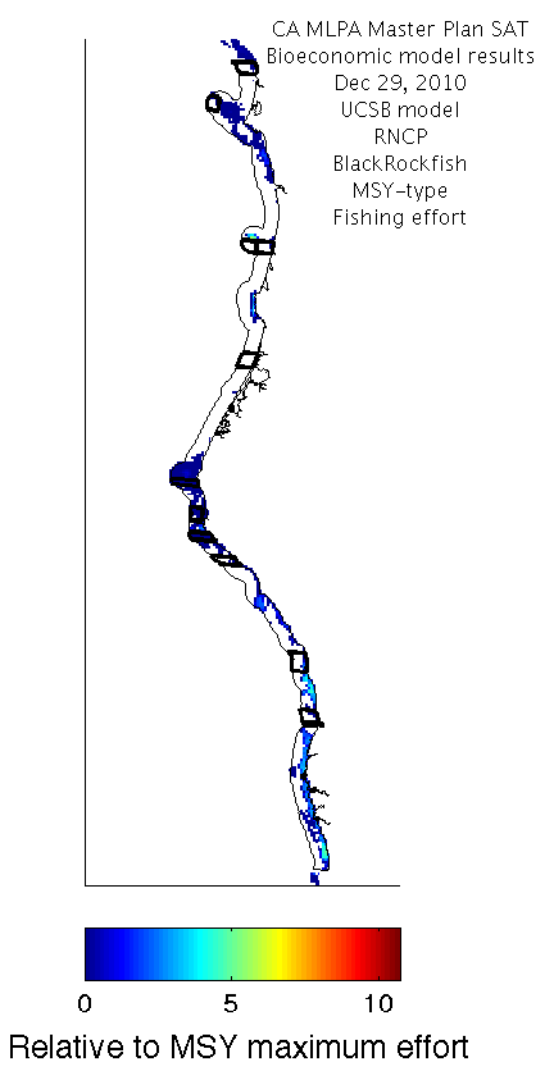
UCSB model
RNCP
BlackRockfish
MSY-type
Biomass
0.1
0.2
0.3
0.4
Relative to unfished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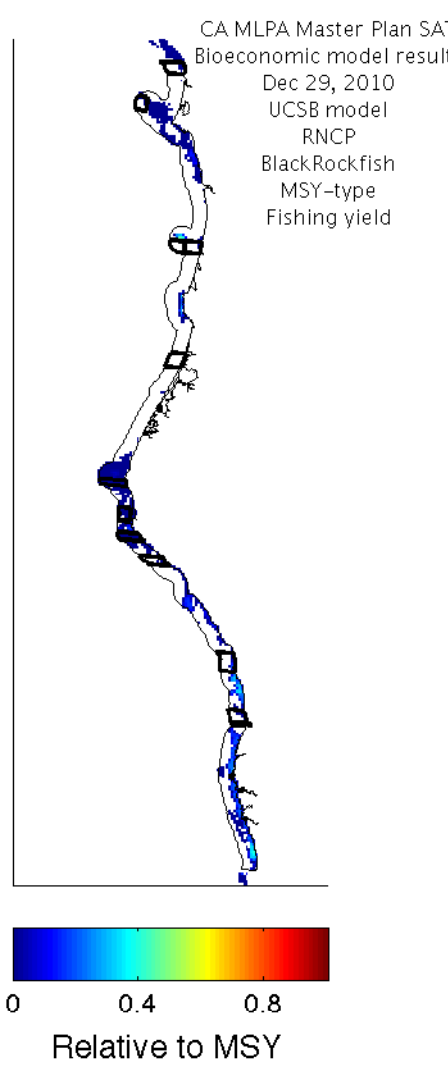
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BlackRockfish
MSY-type
Fishing effort
0
5
10
Relative to MSY maximum effort


CA MLPA Master Plan SAT
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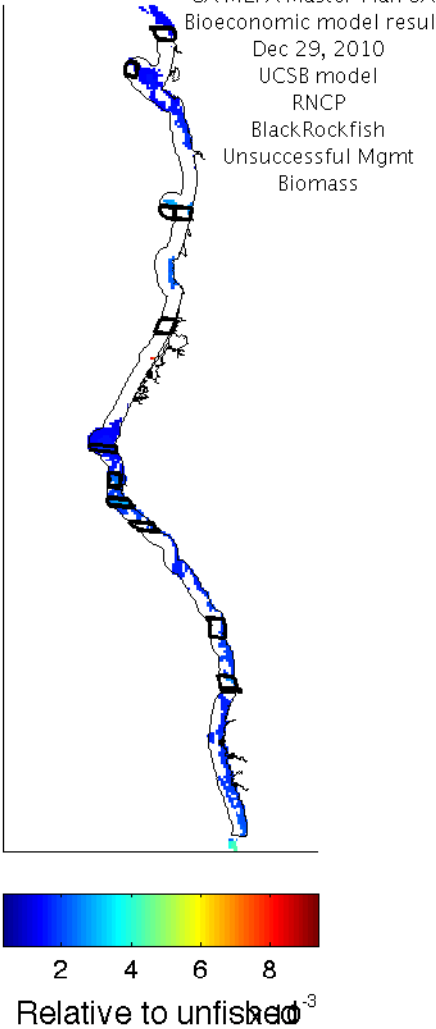
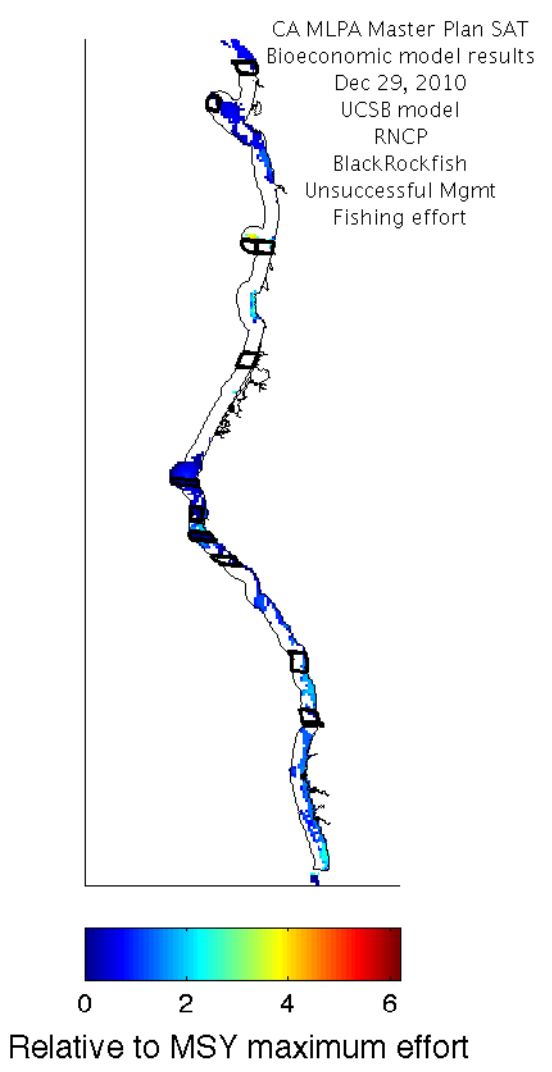
UCSB model
RNCP
BlackRockfish
MSY-type
Fishing yield
0
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BlackRockfish
Unsuccessful Mgmt
Biomass
2
4
6
8
Relative to unfished
x 10^-3


CA MLPA Master Plan SAT
Bioeconomic model results
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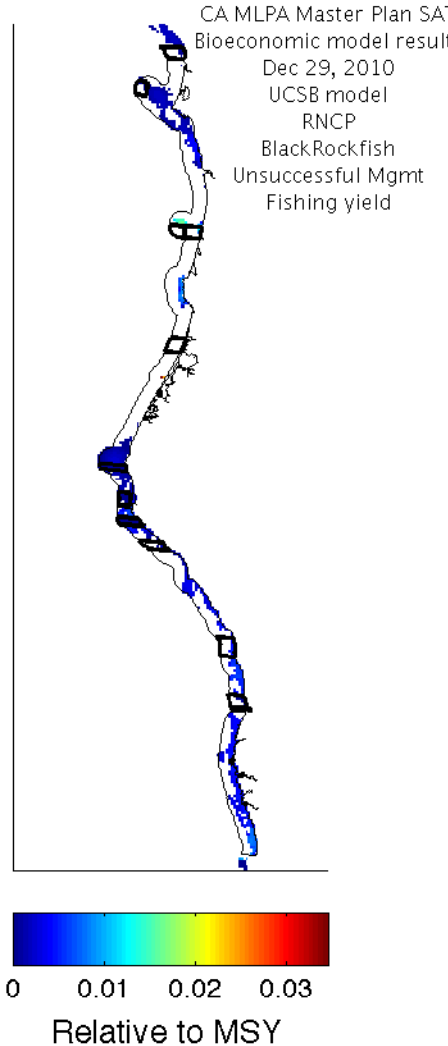
UCSB model
RNCP
BlackRockfish
Unsuccessful Mgmt
Fishing effort
0
2
4
6
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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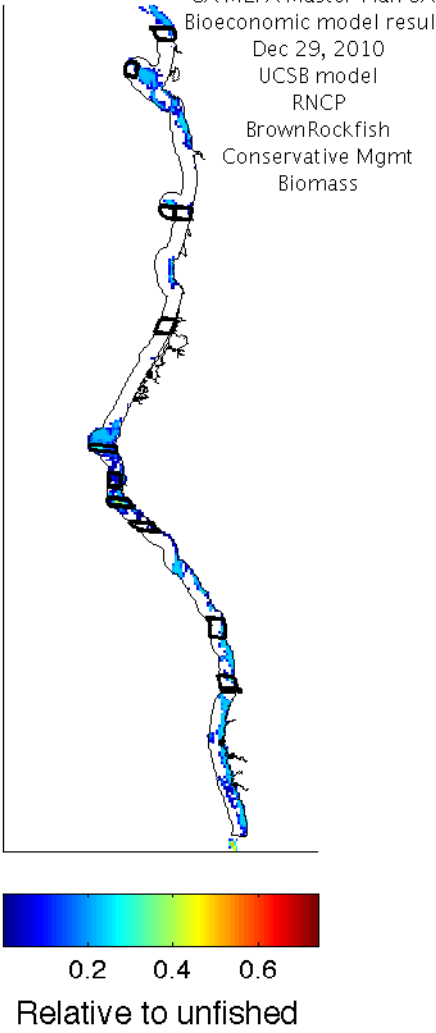
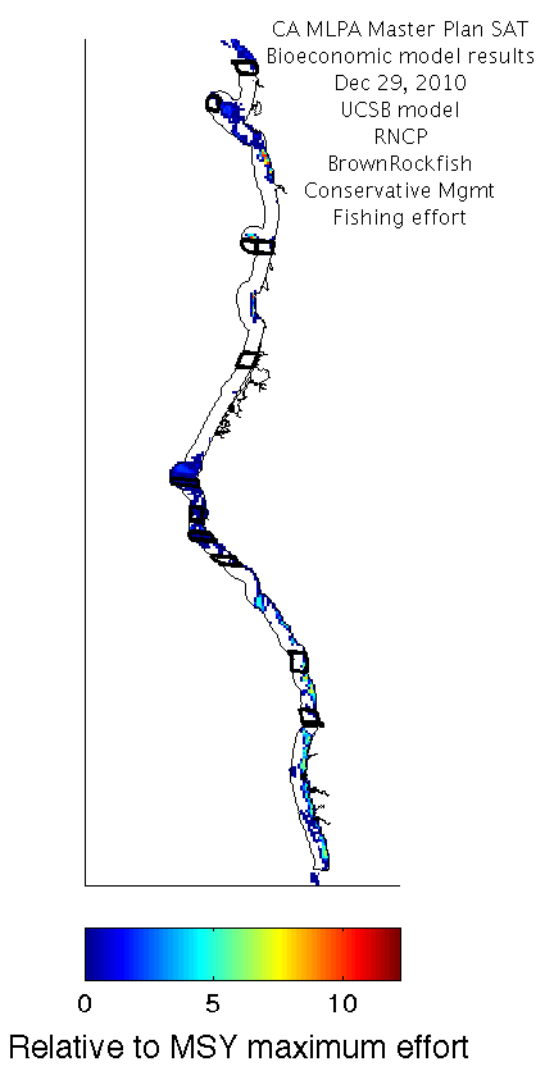
UCSB model
RNCP
BlackRockfish
Unsuccessful Mgmt
Fishing yield
0
0.01
0.02
0.03
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BrownRockfish
Conservative Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
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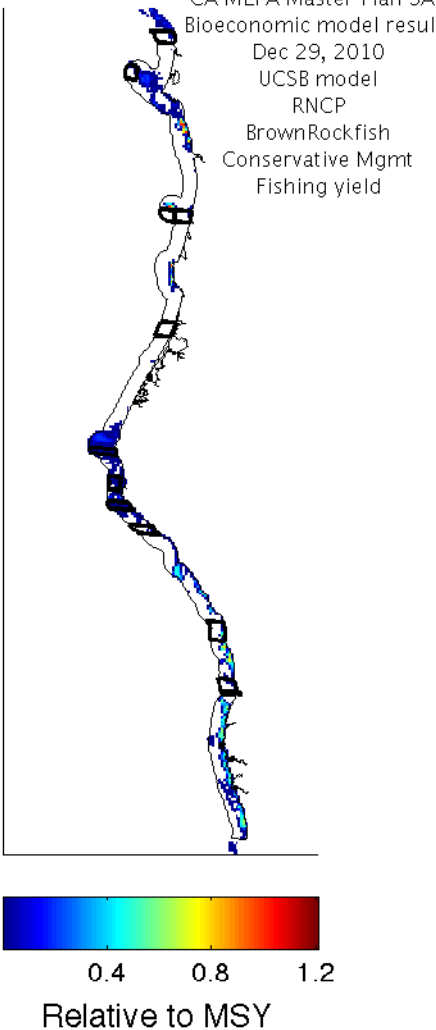
UCSB model
RNCP
BrownRockfish
Conservative Mgmt
Fishing effort
0
5
10
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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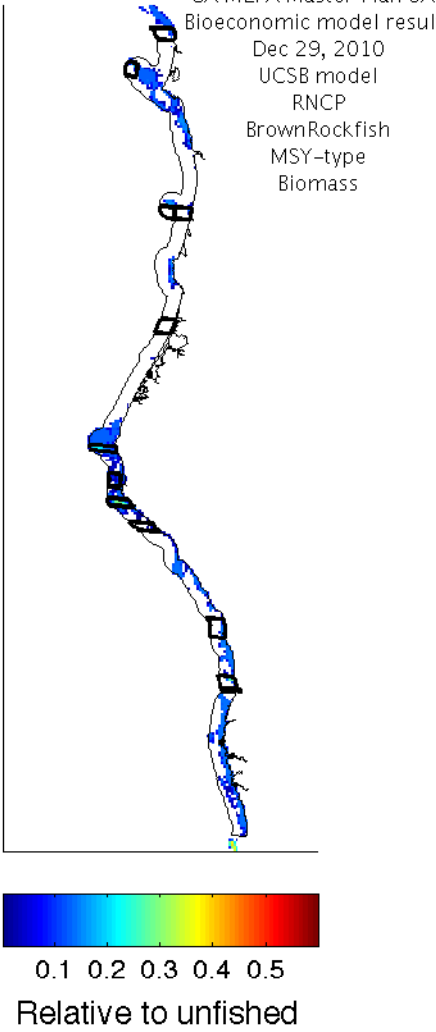
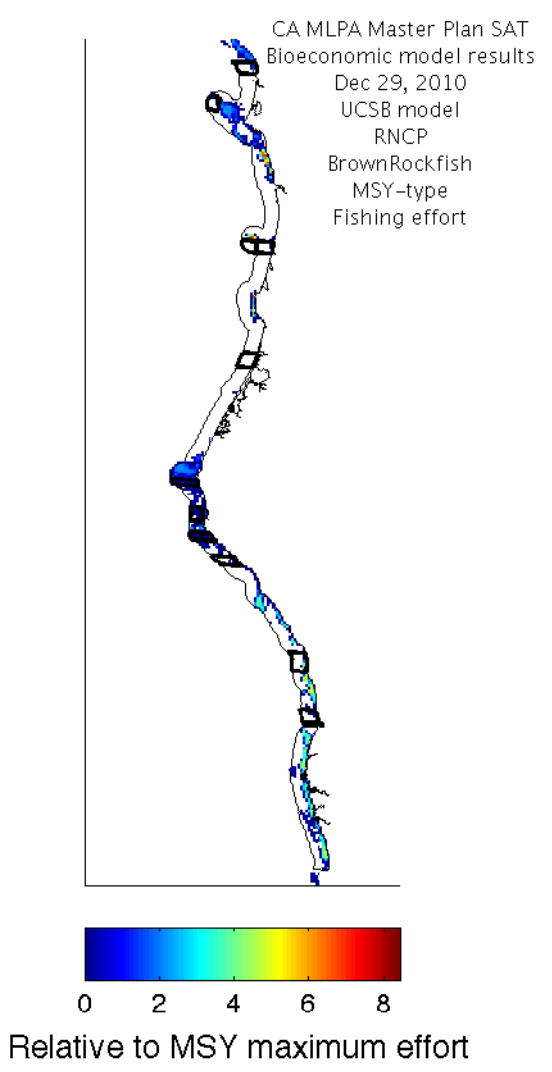
UCSB model
RNCP
BrownRockfish
Conservative Mgmt
Fishing yield
0.4
0.8
1.2
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BrownRockfish
MSY-type
Biomass
0.1 0.2 0.3 0.4 0.5
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
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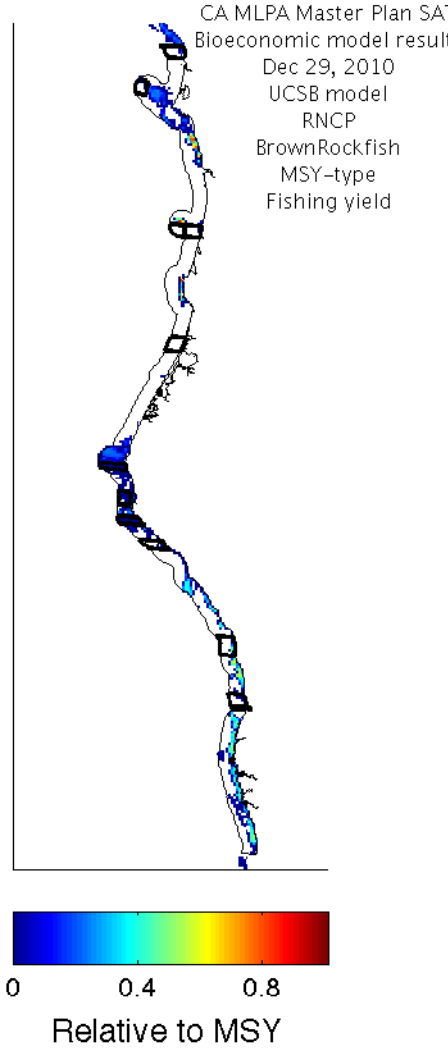
UCSB model
RNCP
BrownRockfish
MSY-type
Fishing effort
0
2
4
6
8
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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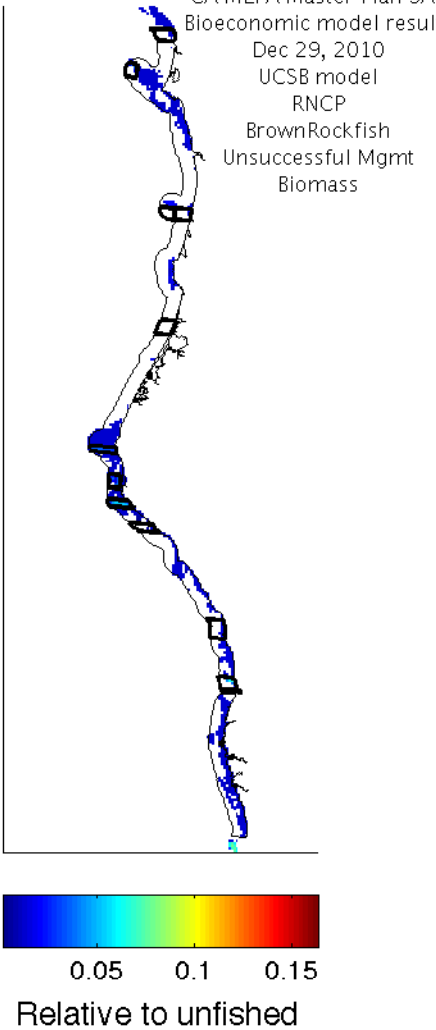
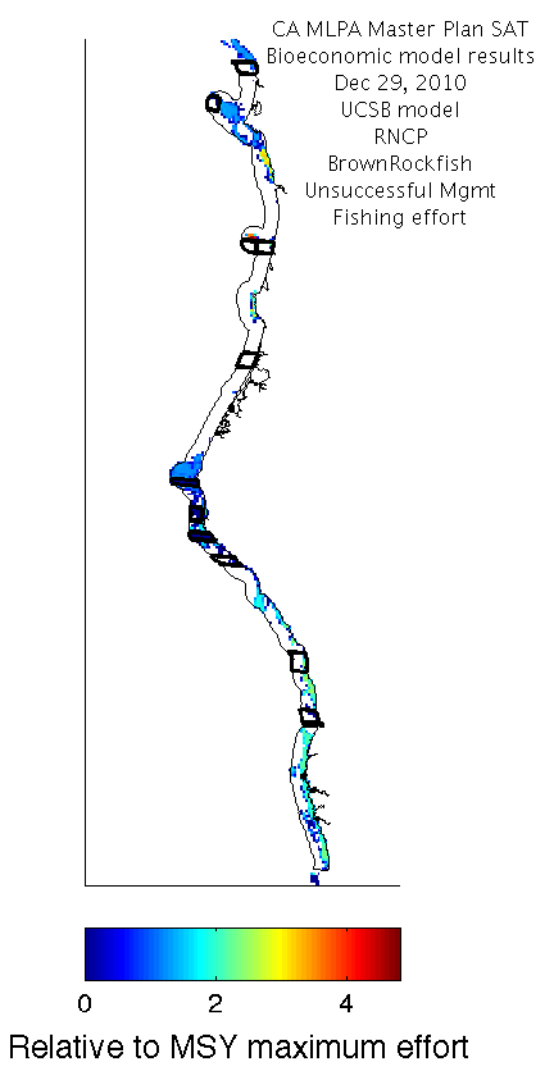
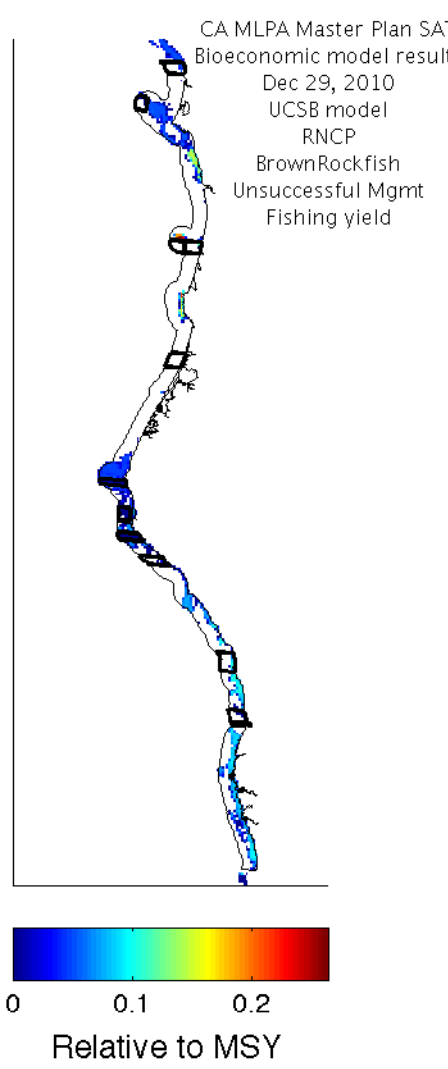
UCSB model
RNCP
BrownRockfish
MSY-type
Fishing yield
0
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BrownRockfish
Unsuccessful Mgmt
Biomass
0.05
0.1
0.15
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BrownRockfish
Unsuccessful Mgmt
Fishing effort
0
2
4
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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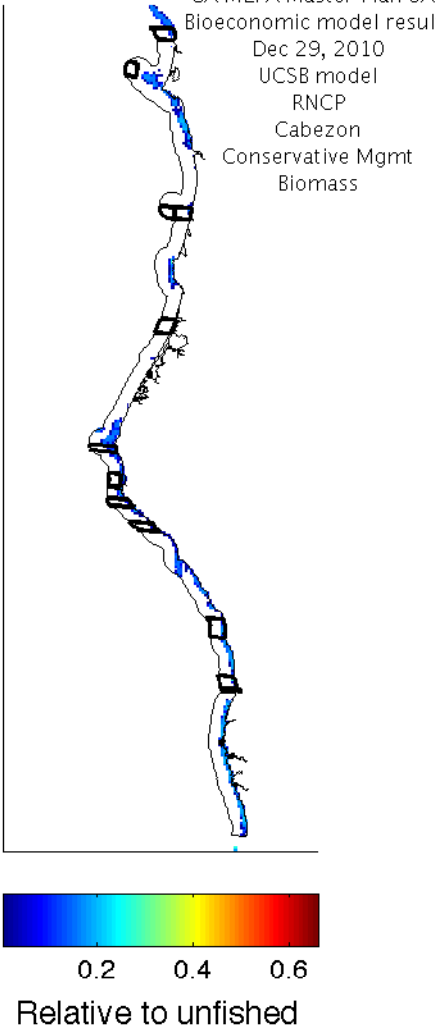
UCSB model
RNCP
BrownRockfish
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
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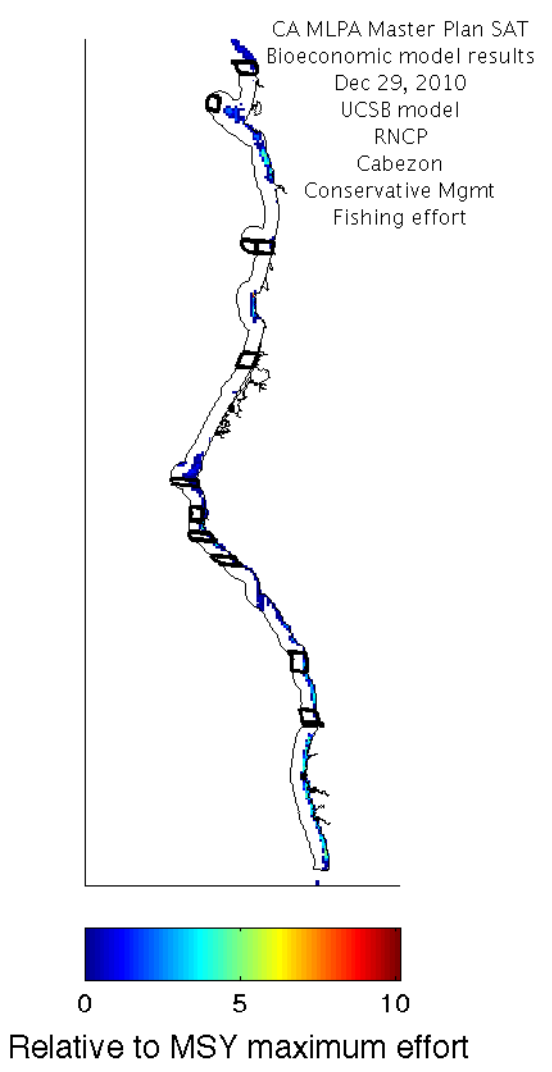
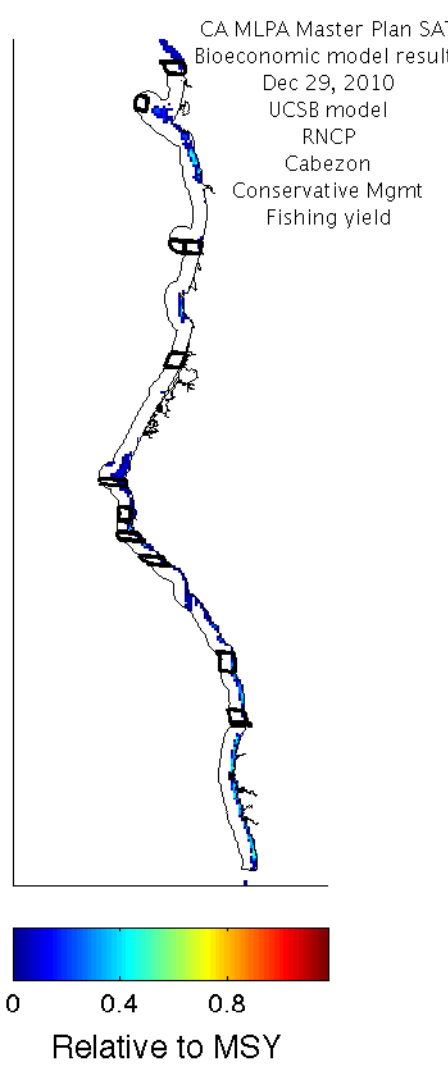
UCSB model
RNCP
Cabezon
Conservative Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
Cabezon
Conservative Mgmt
Fishing effort
0
5
10
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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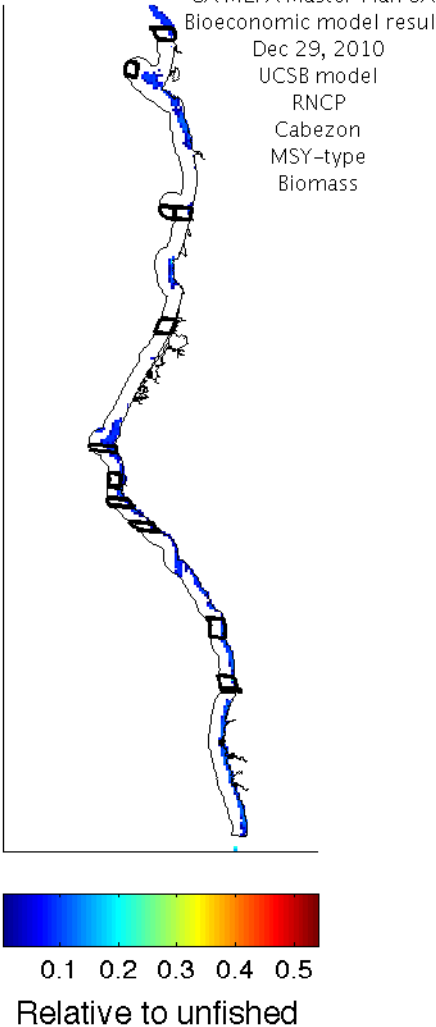
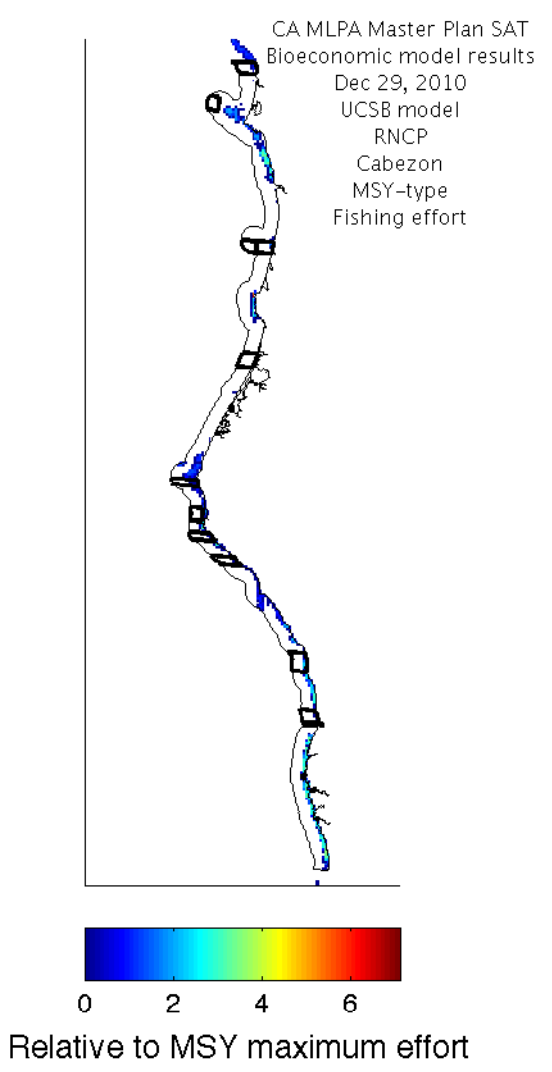
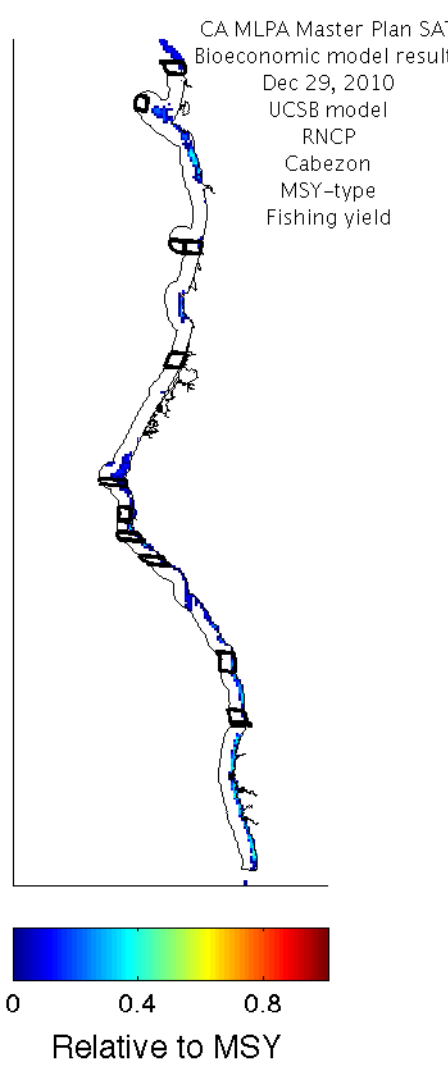
RNCP
Cabezon
Conservative Mgmt
Fishing yield
0
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
Cabezon
MSY-type
Biomass
0.1 0.2 0.3 0.4 0.5
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
Cabezon
MSY-type
Fishing effort
0
2
4
6
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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UCSB model
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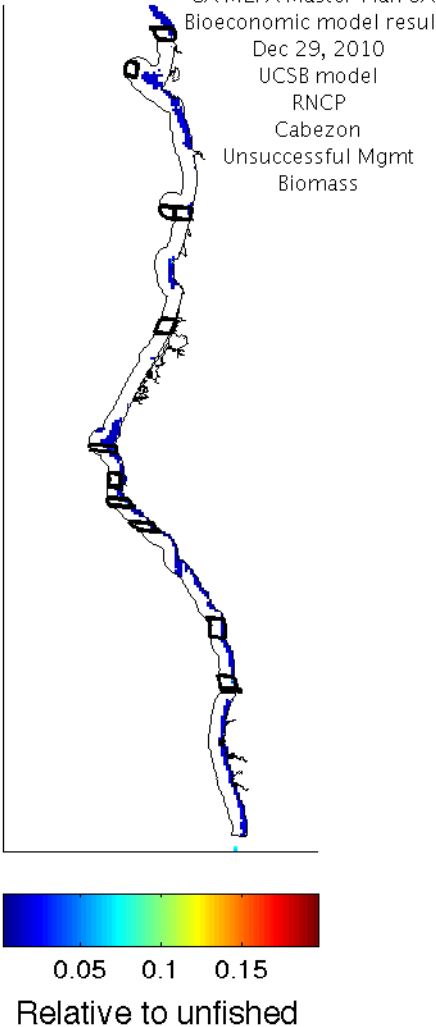
Cabezon
MSY-type
Fishing yield
0
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
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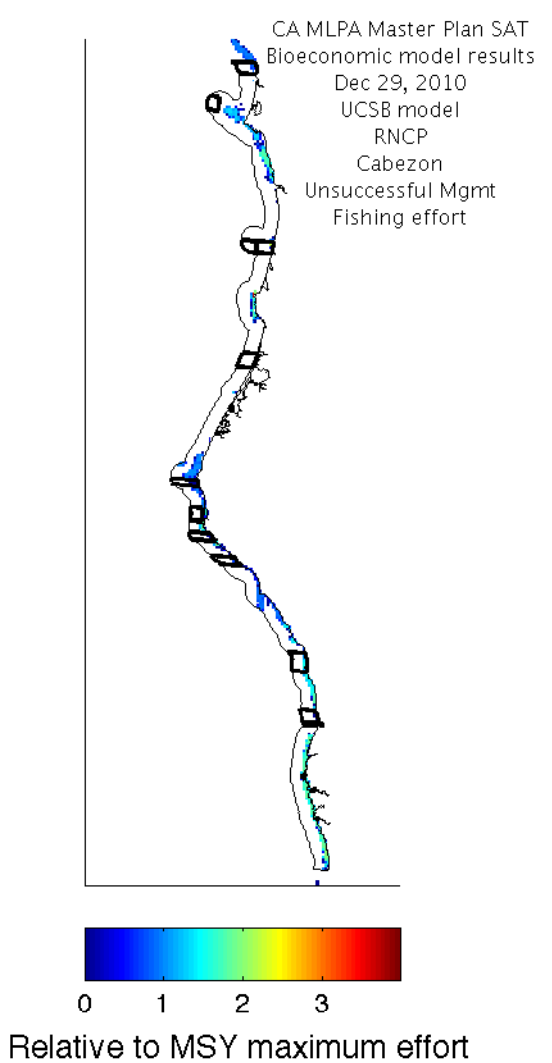
UCSB model
RNCP
Cabezon
Unsuccessful Mgmt
Biomass
0.05
0.1
0.15
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
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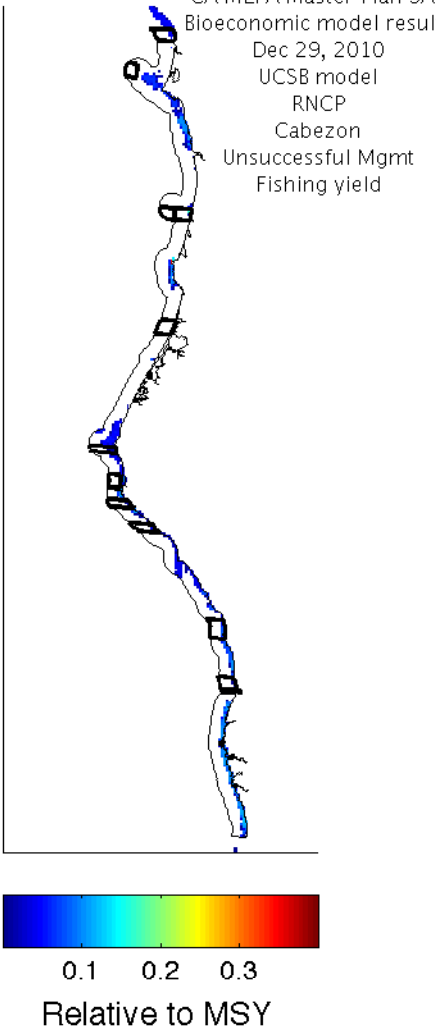
UCSB model
RNCP
Cabezon
Unsuccessful Mgmt
Fishing effort
0
1
2
3
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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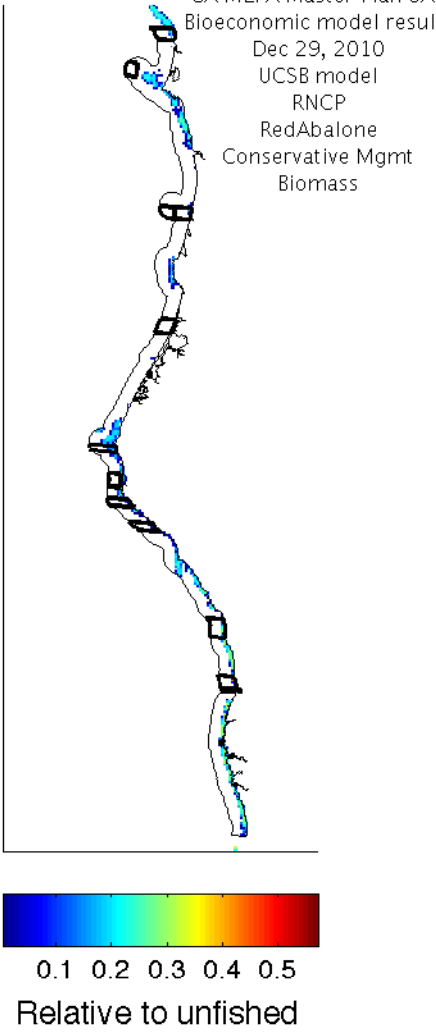
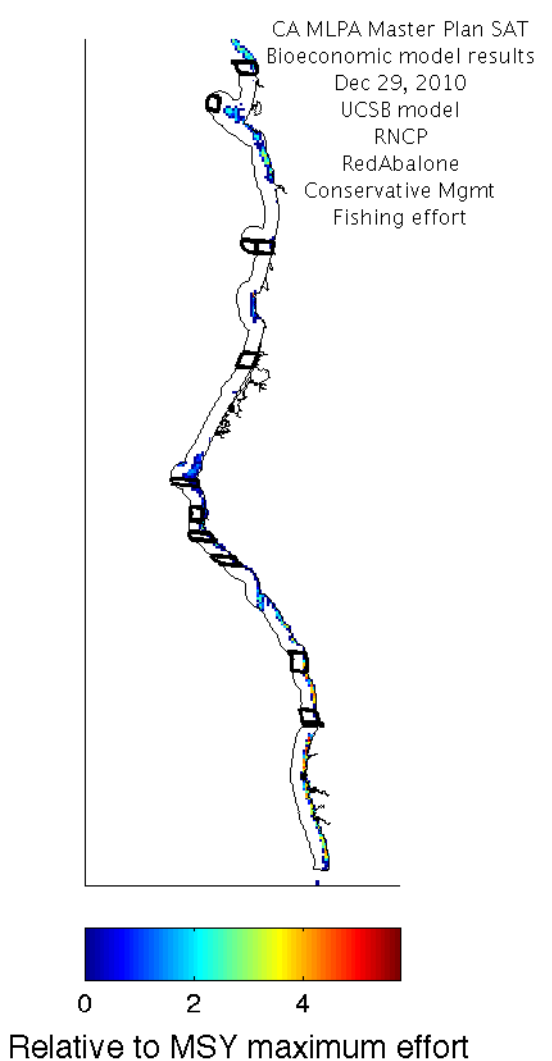
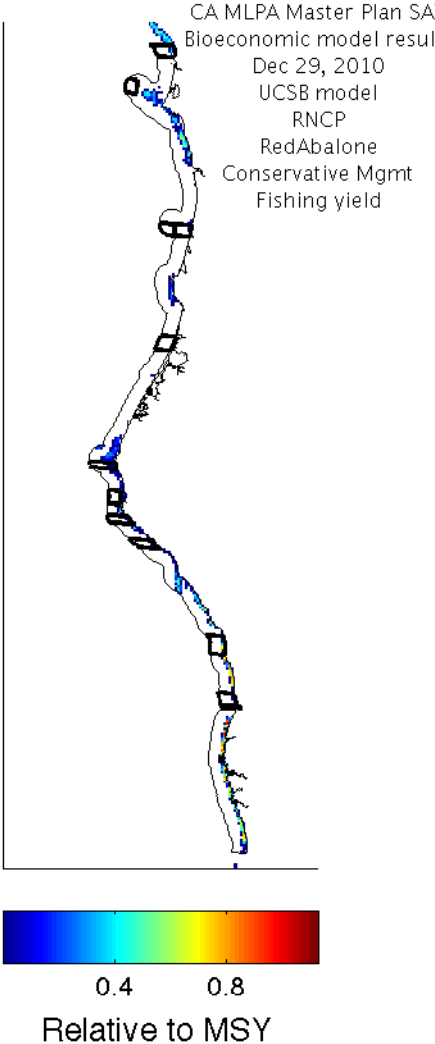
UCSB model
RNCP
Cabezon
Unsuccessful Mgmt
Fishing yield
0.1
0.2
0.3
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedAbalone
Conservative Mgmt
Biomass
0.1 0.2 0.3 0.4 0.5
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedAbalone
Conservative Mgmt
Fishing effort
0
2
4
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
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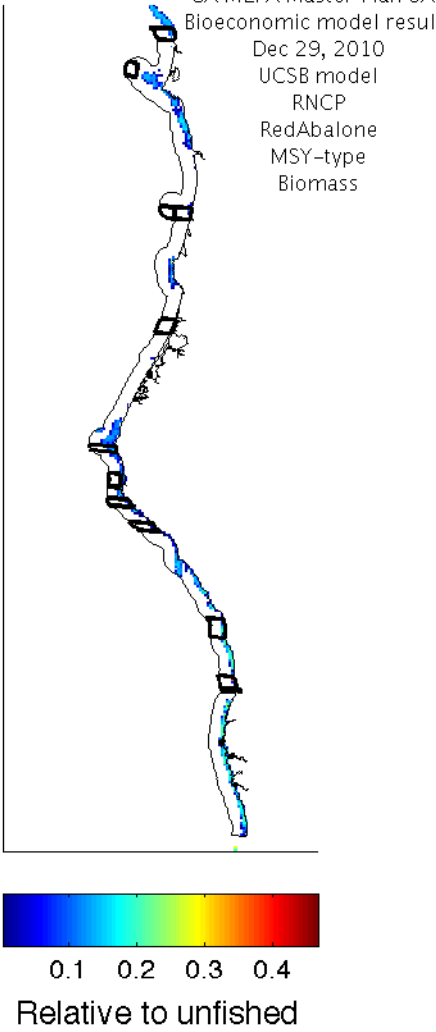
RedAbalone
Conservative Mgmt
Fishing yield
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
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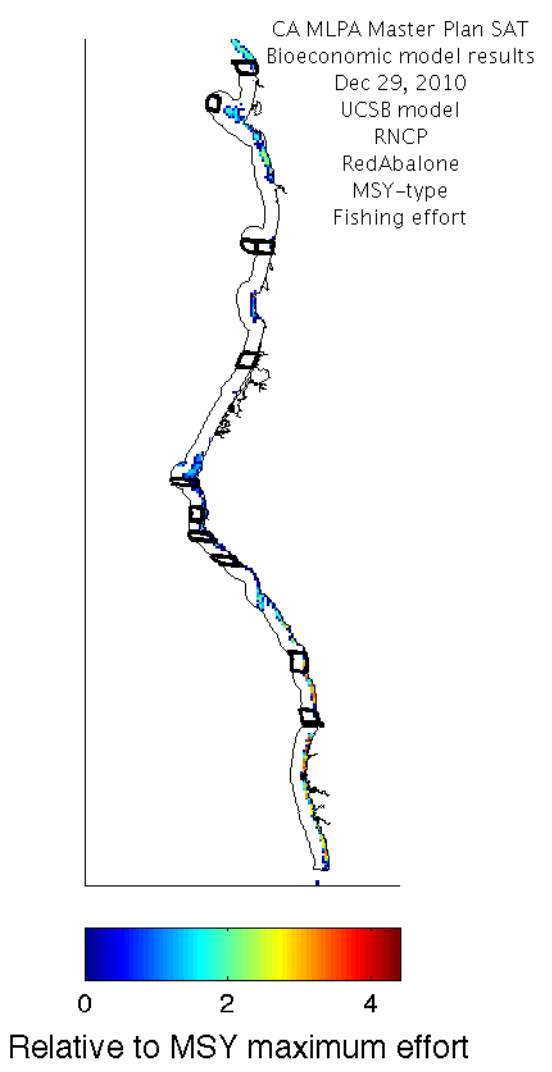
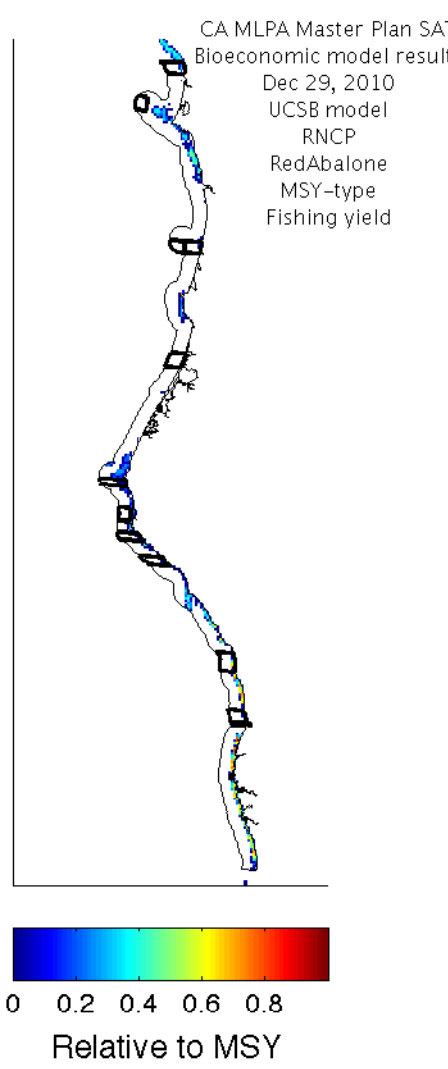
RNCP
RedAbalone
MSY-type
Biomass
0.1
0.2
0.3
0.4
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedAbalone
MSY-type
Fishing effort
0
2
4
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
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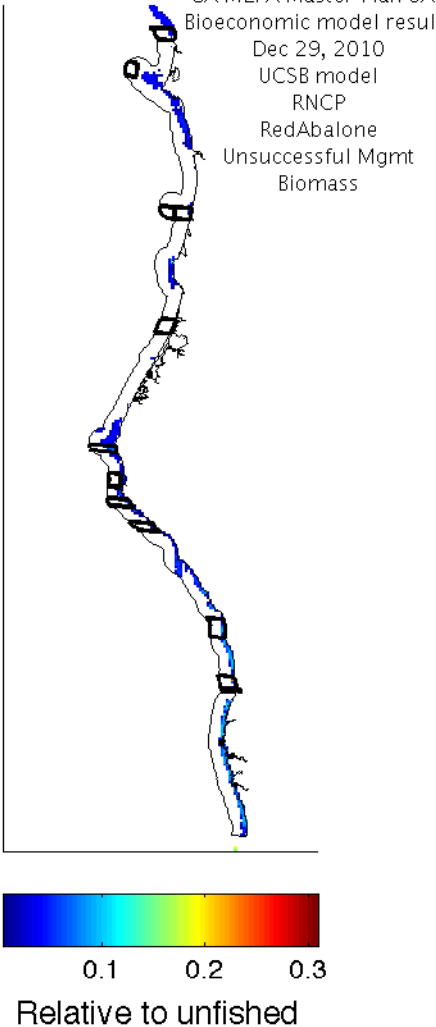
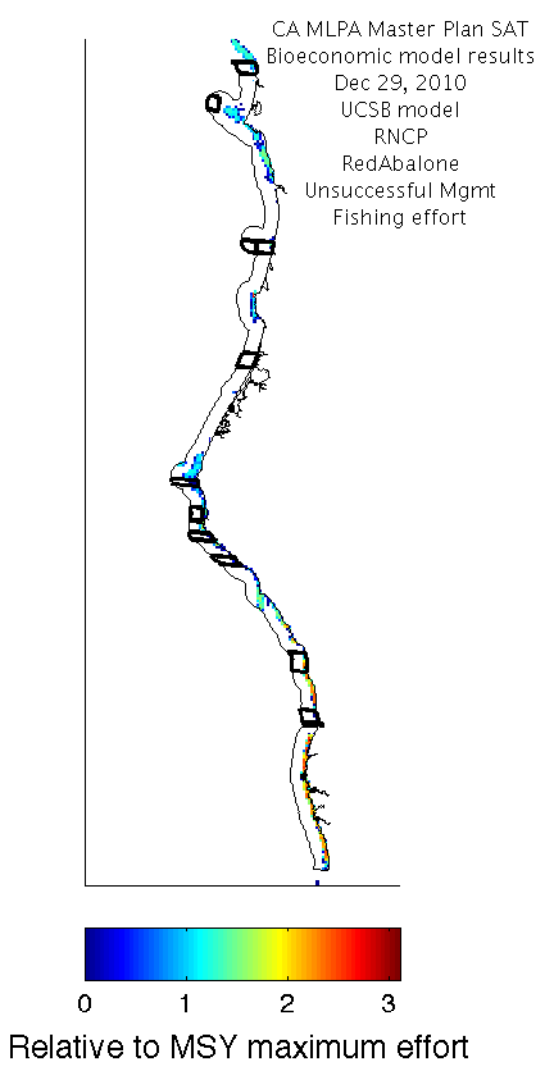
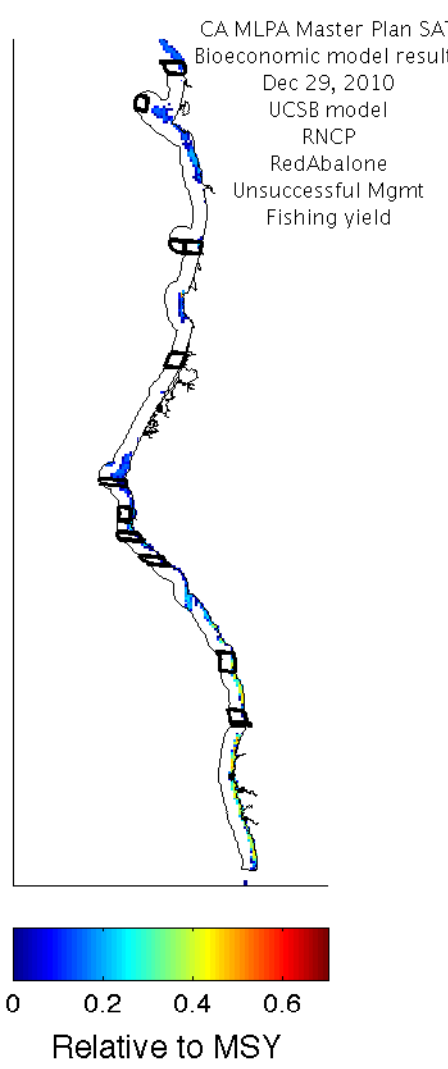
RNCP
RedAbalone
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedAbalone
Unsuccessful Mgmt
Biomass
0.1
0.2
0.3
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedAbalone
Unsuccessful Mgmt
Fishing effort
0
1
2
3
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
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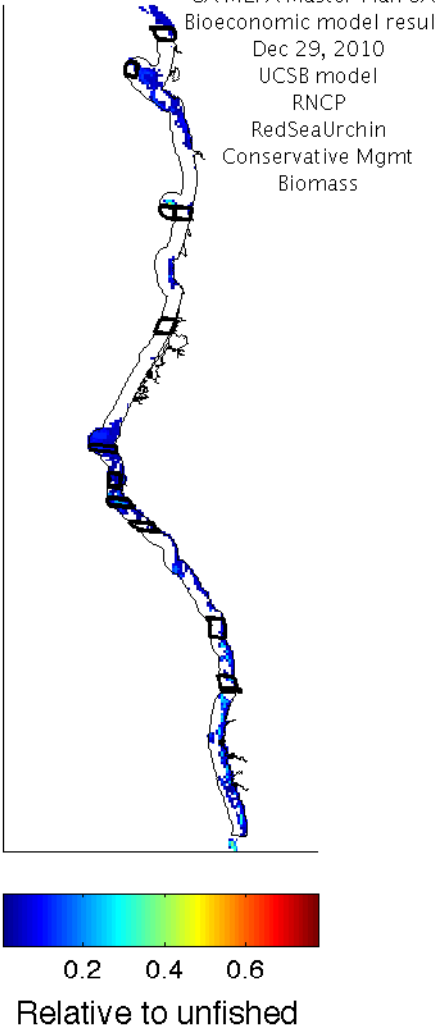
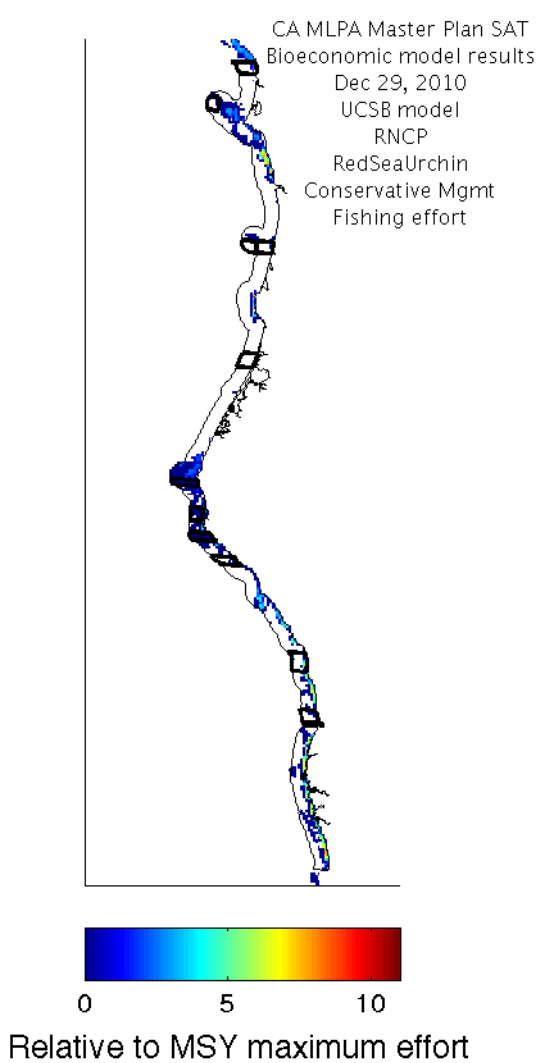
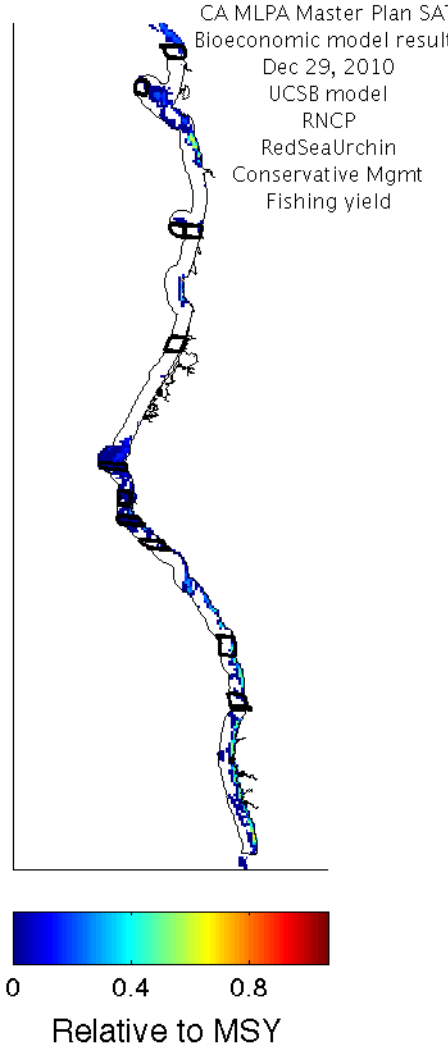
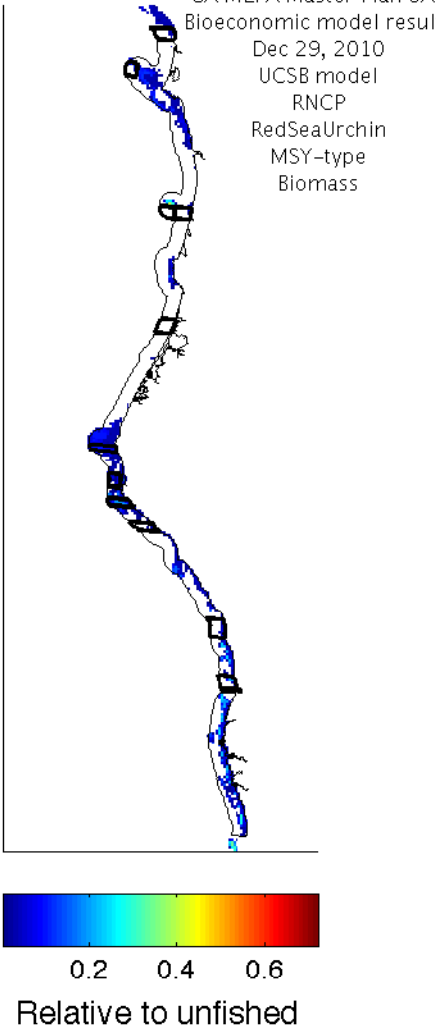
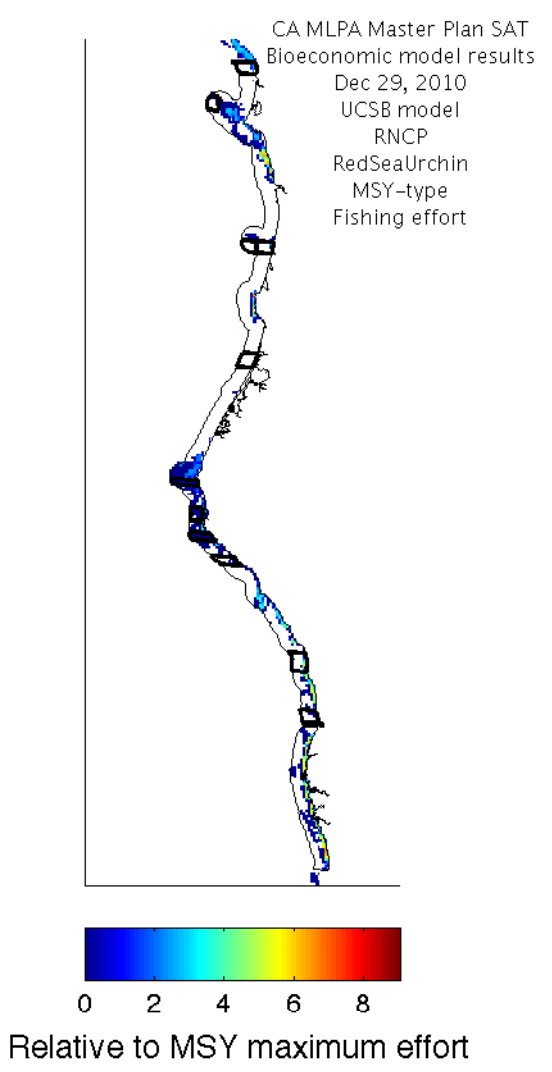
RNCP
RedAbalone
Unsuccessful Mgmt
Fishing yield
0
0.2
0.4
0.6
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
Conservative Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
Conservative Mgmt
Fishing effort
0
5
10
Relative to MSY maximum effort


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
Conservative Mgmt
Fishing yield
0
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
MSY-type
Biomass
0.2
0.4
0.6
Relative to unfished


CA MLPA Master Plan SAT
Bioeconomic model results
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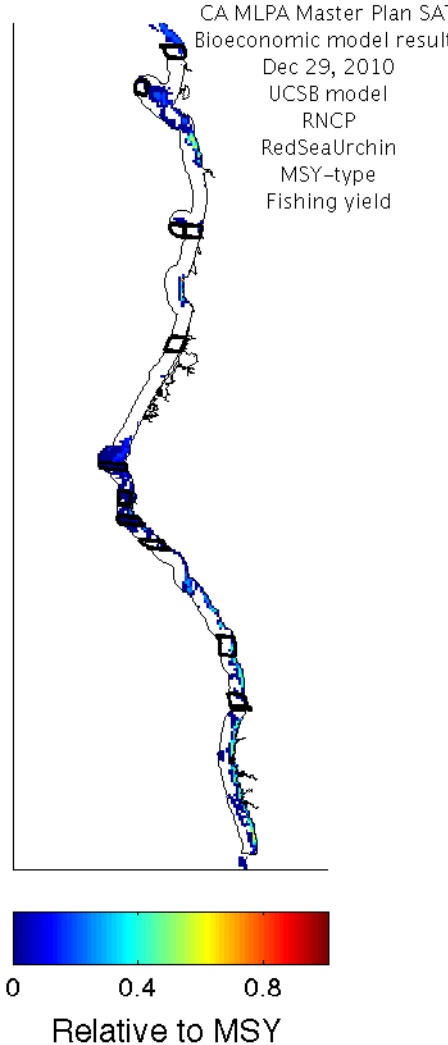
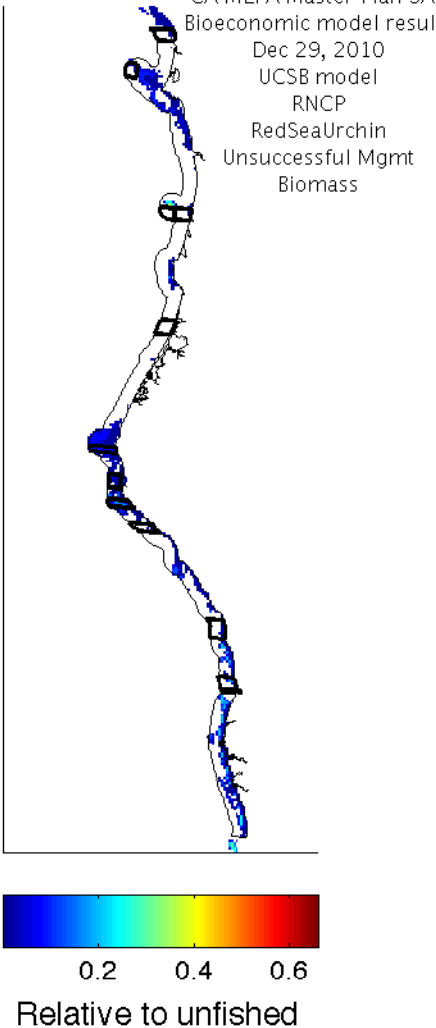
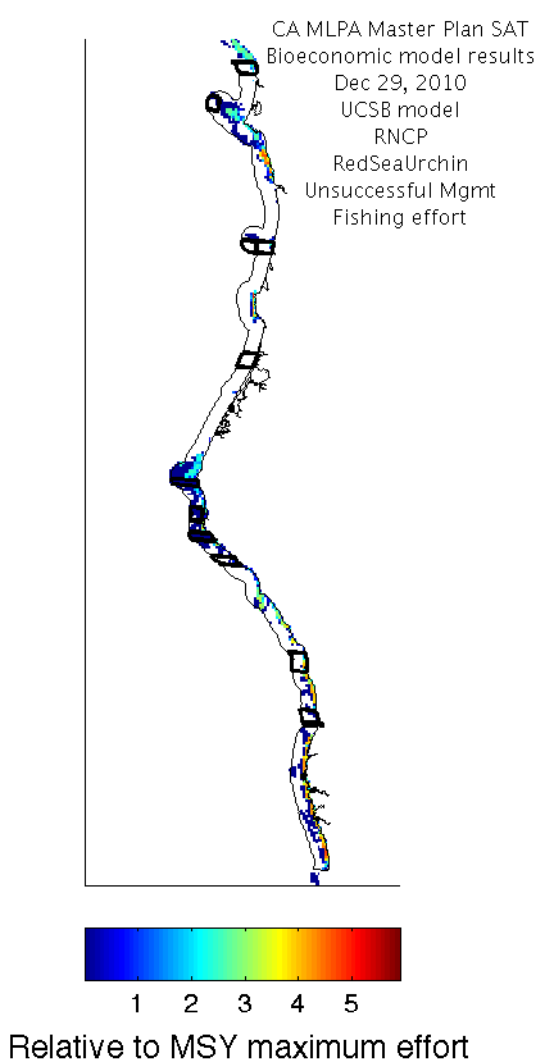
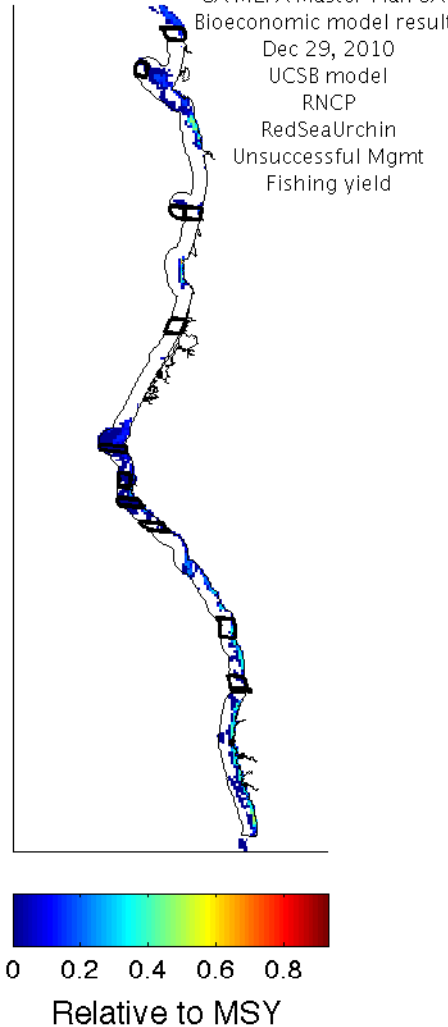
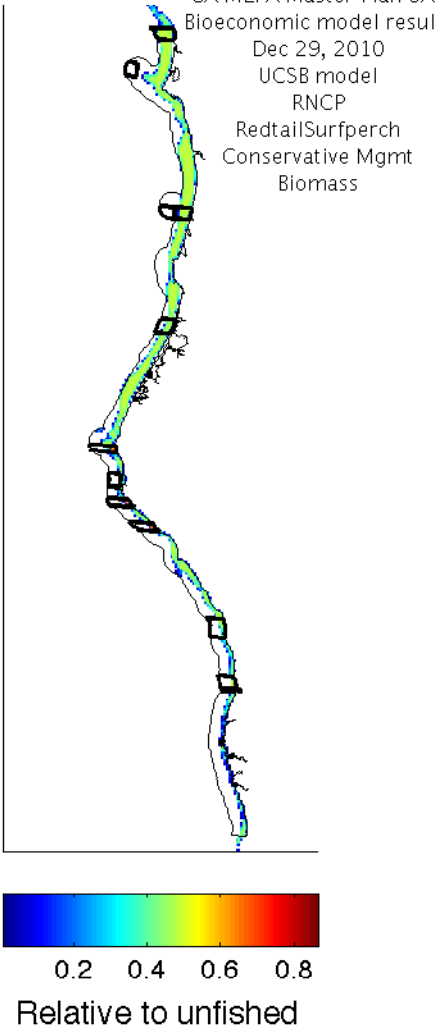
UCSB model
RNCP
RedSeaUrchin
MSY-type
Fishing effort
0
2
4
6
8
Relative to MSY maximum effort

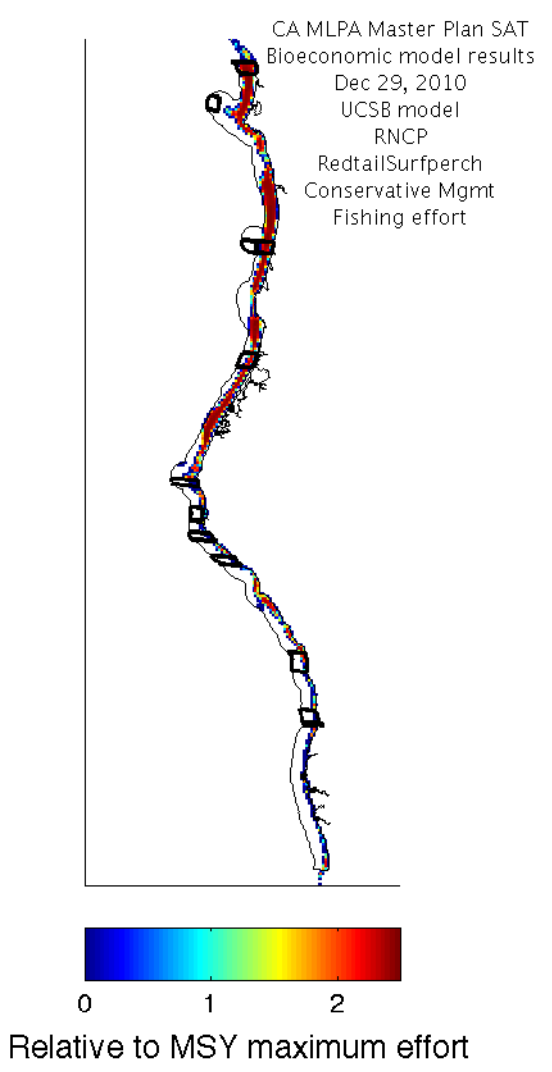

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
MSY-type
Fishing yield
0
0.4
0.8
Relative to MSY

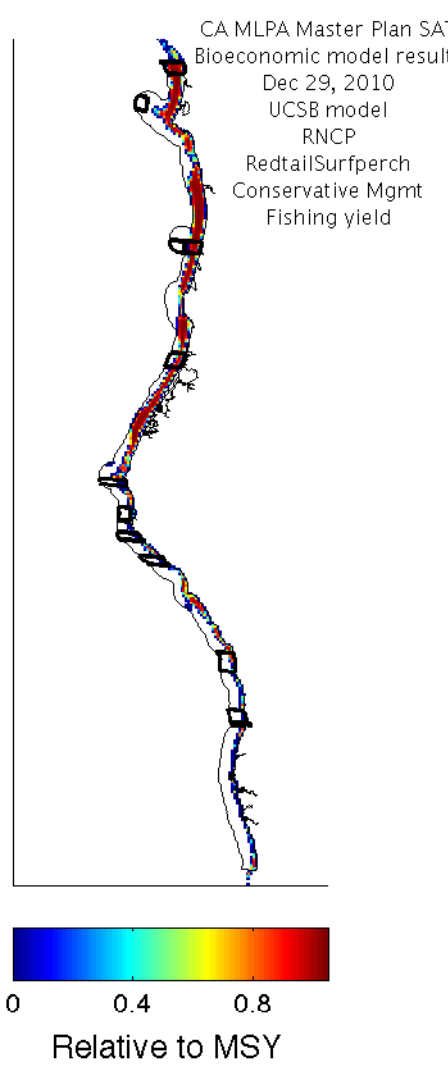

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
Unsuccessful Mgmt
Biomass
0.2
0.4
0.6
Relative to unfished

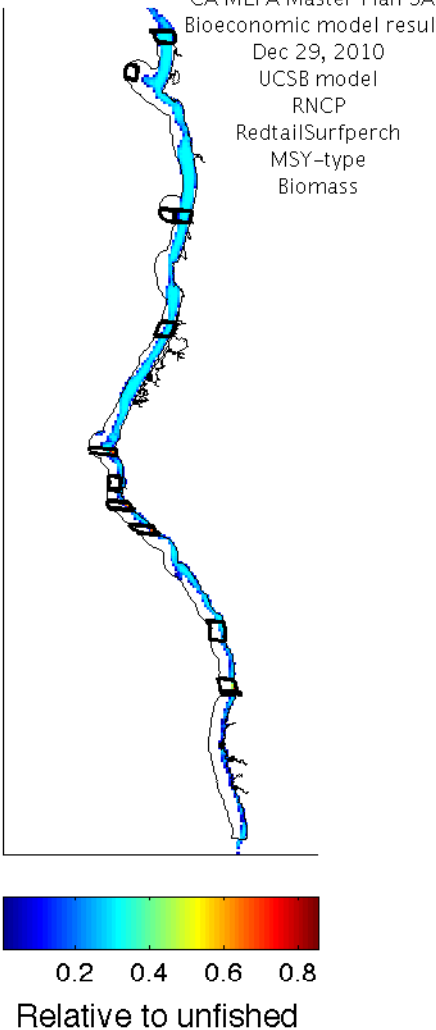

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
Unsuccessful Mgmt
Fishing effort
1
2
3
4
5
Relative to MSY maximum effort

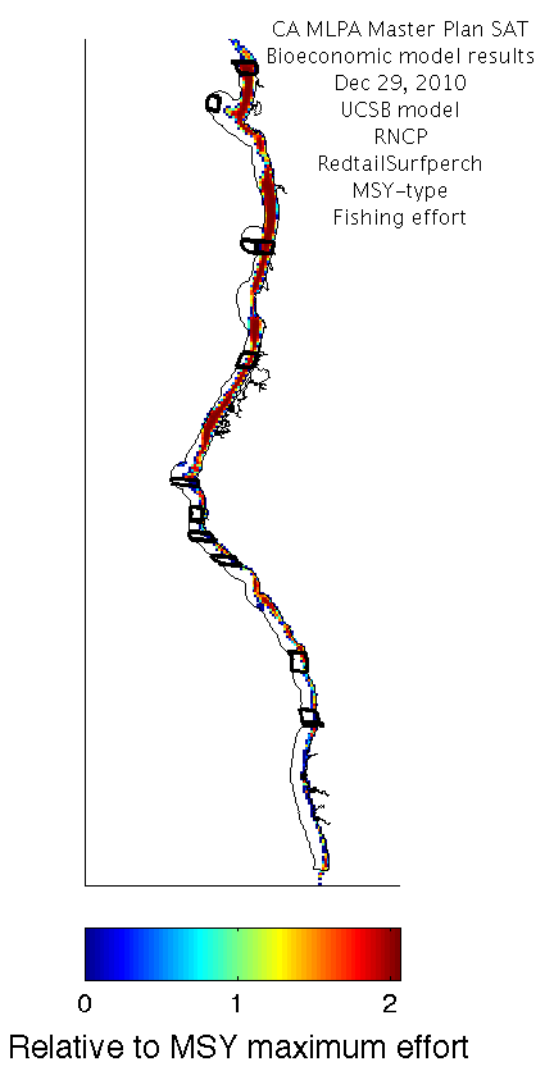

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
Unsuccessful Mgmt
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

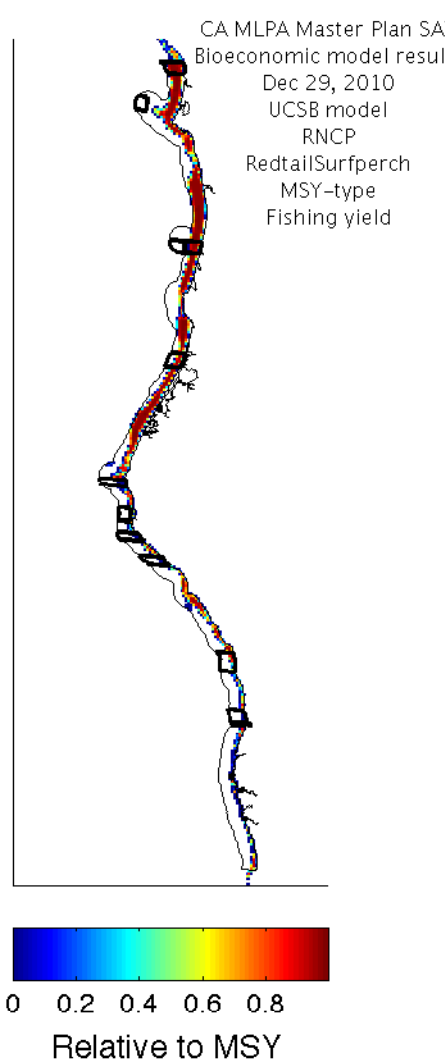

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
Conservative Mgmt
Biomass
0.2
0.4
0.6
0.8
Relative to unfished

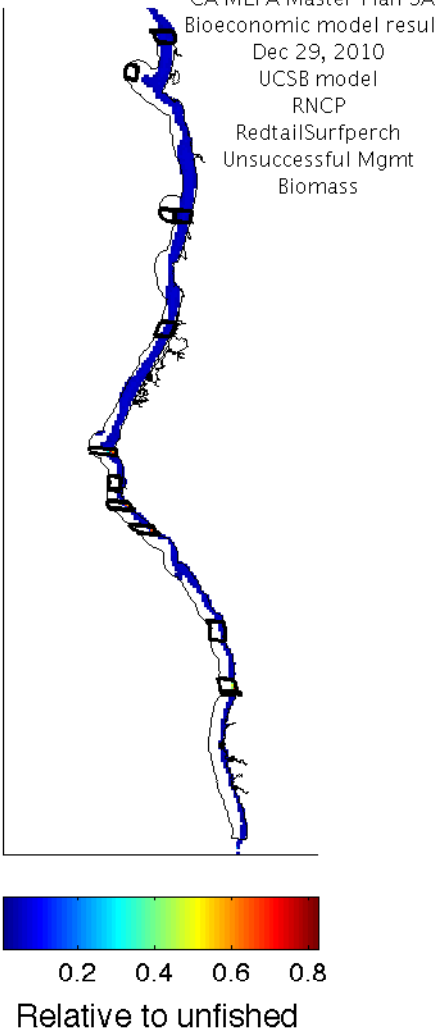

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
Conservative Mgmt
Fishing effort
0
1
2
Relative to MSY maximum effort

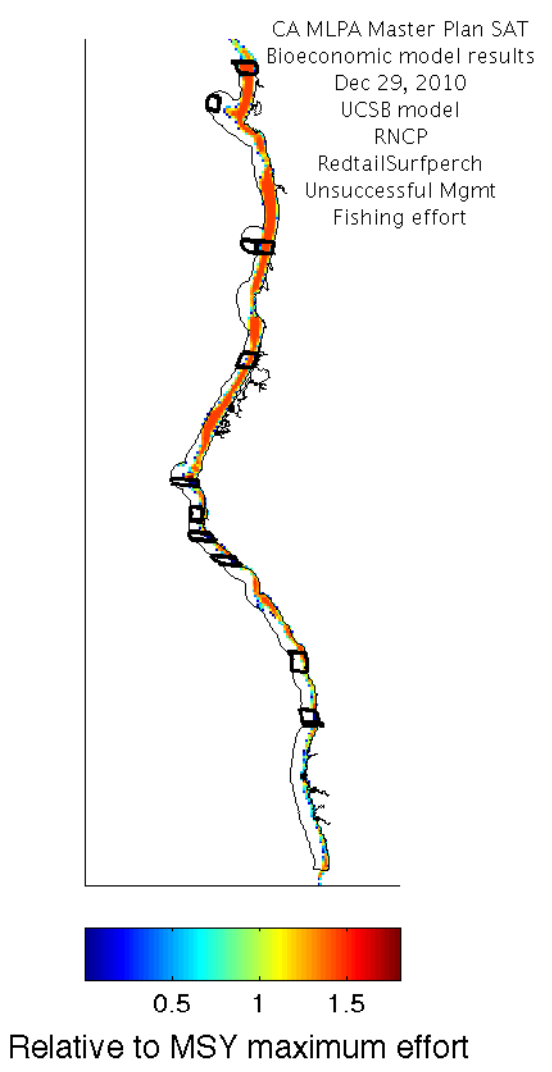

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
Conservative Mgmt
Fishing yield
0
0.4
0.8
Relative to MSY


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
MSY-type
Biomass
0.2
0.4
0.6
0.8
Relative to unfished

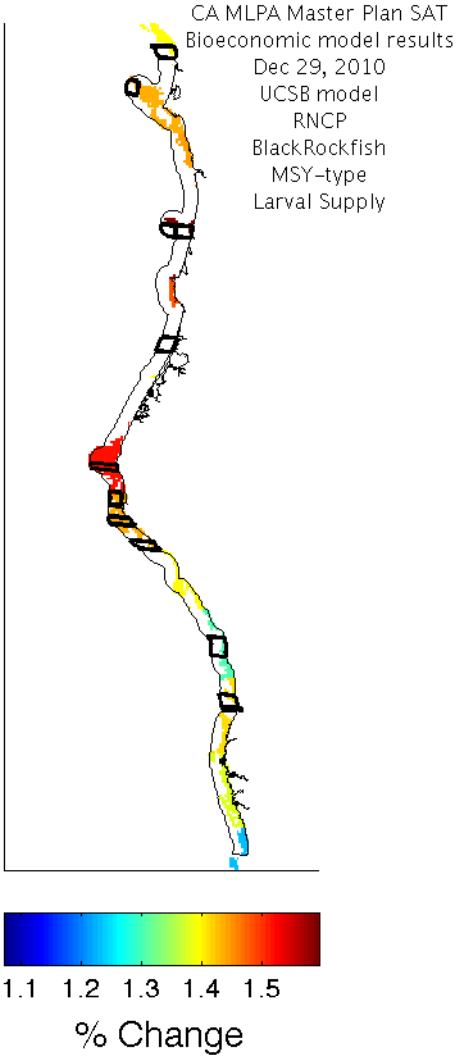

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
MSY-type
Fishing effort
0
1
2
Relative to MSY maximum effort

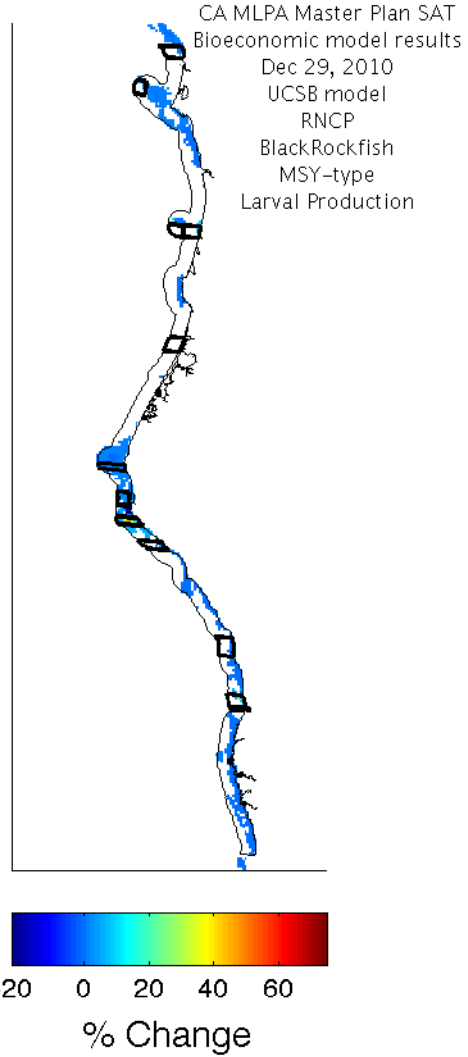

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
MSY-type
Fishing yield
0
0.2
0.4
0.6
0.8
Relative to MSY

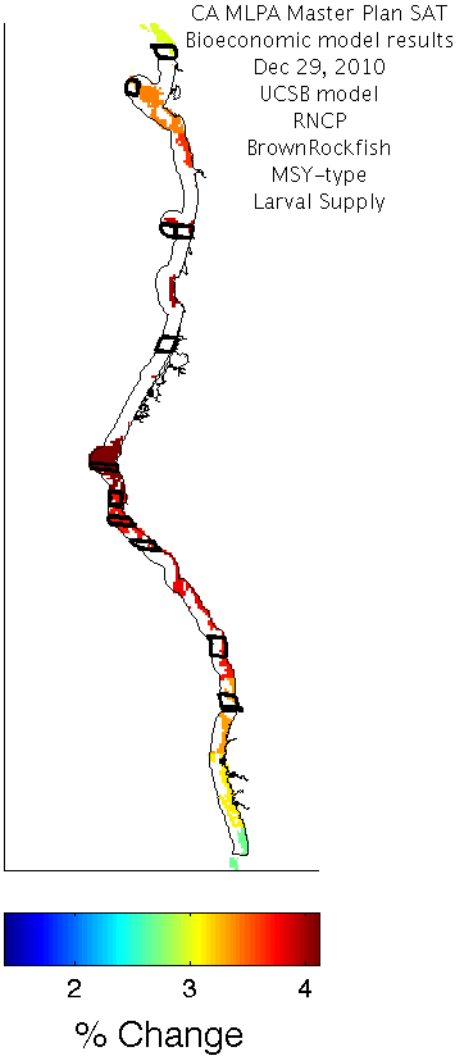

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
Unsuccessful Mgmt
Biomass
0.2
0.4
0.6
0.8
Relative to unfished

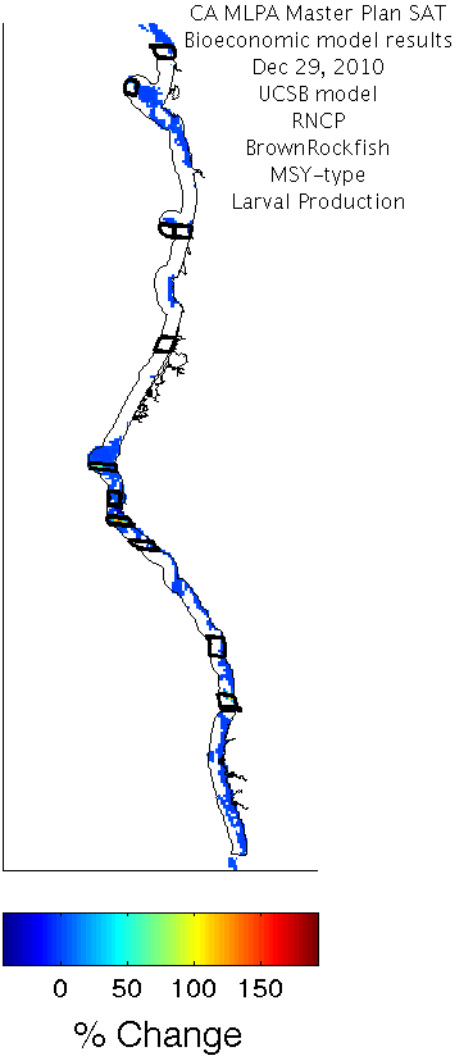

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
Unsuccessful Mgmt
Fishing effort
0.5
1
1.5
Relative to MSY maximum effort

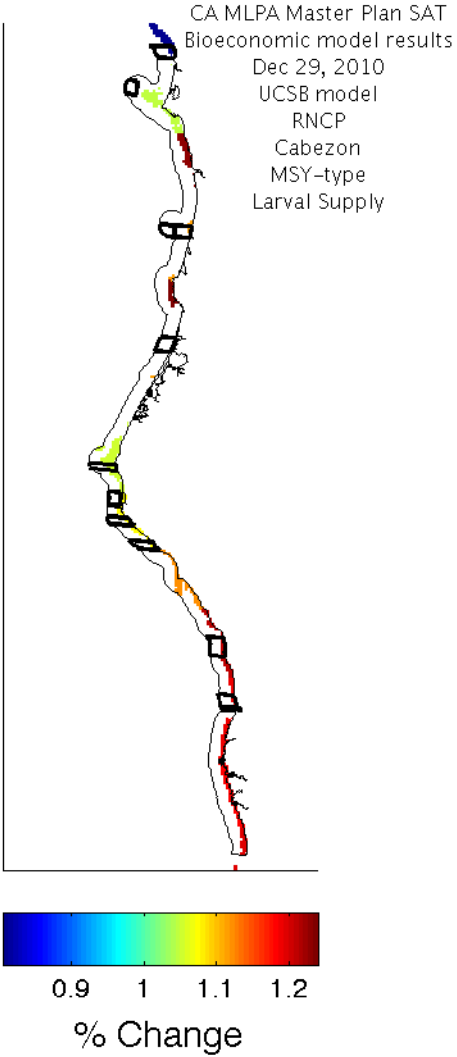
CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
Unsuccessful Mgmt
Fishing yield
0
0.1
0.2
0.3
0.4
Relative to MSY

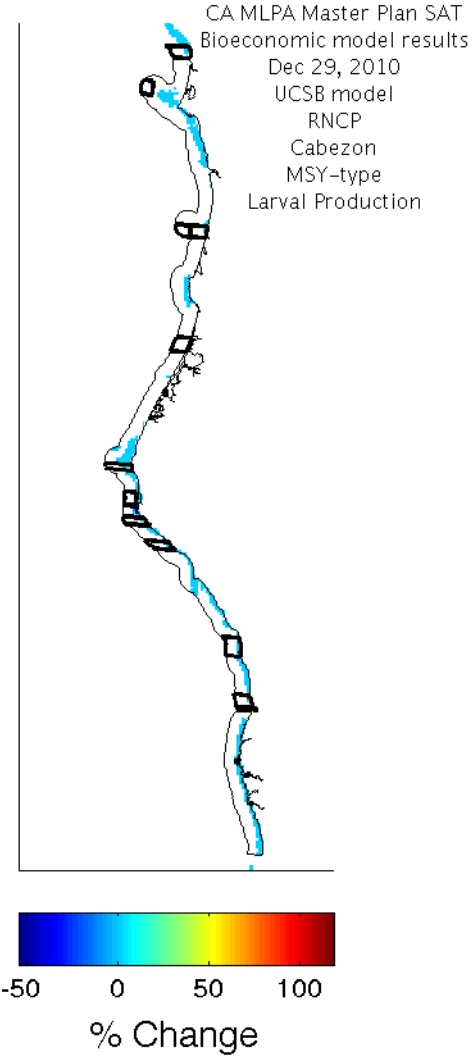

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BlackRockfish
MSY-type
Larval Supply
1.1 1.2 1.3 1.4 1.5
% Change

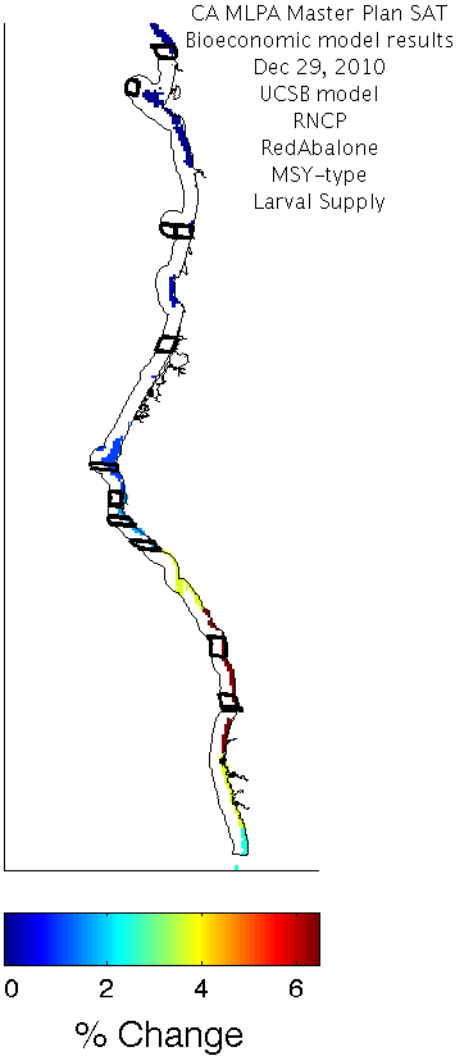

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BlackRockfish
MSY-type
Larval Production
-20 0 20 40 60
% Change

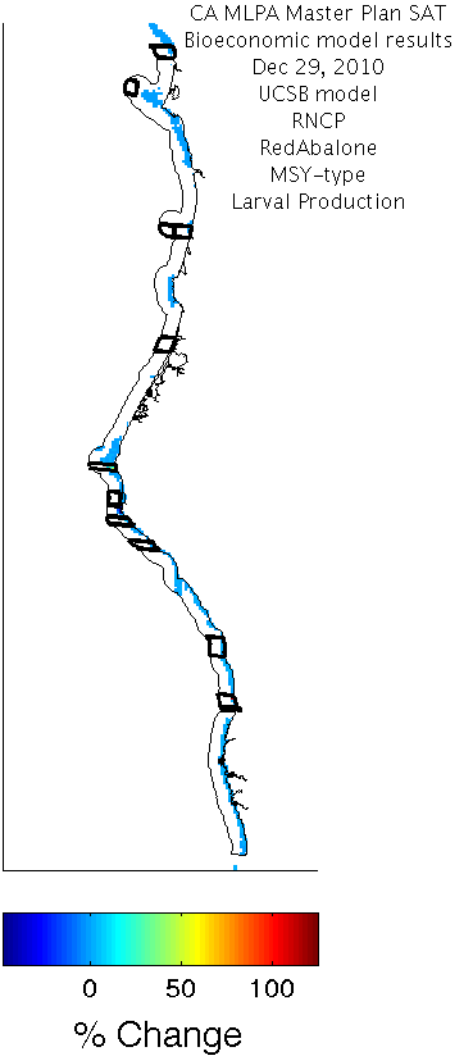

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BrownRockfish
MSY-type
Larval Supply
2
3
4
% Change

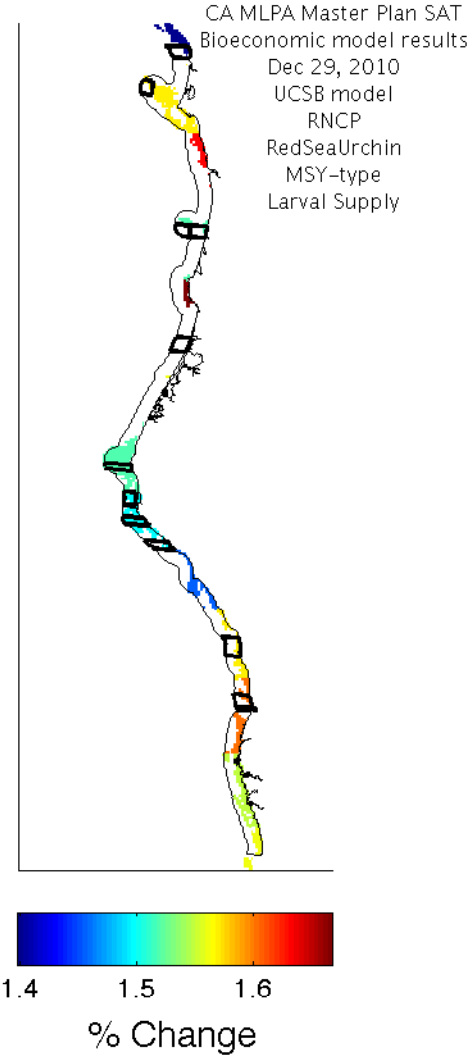

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
BrownRockfish
MSY-type
Larval Production
0
50
100
150
% Change

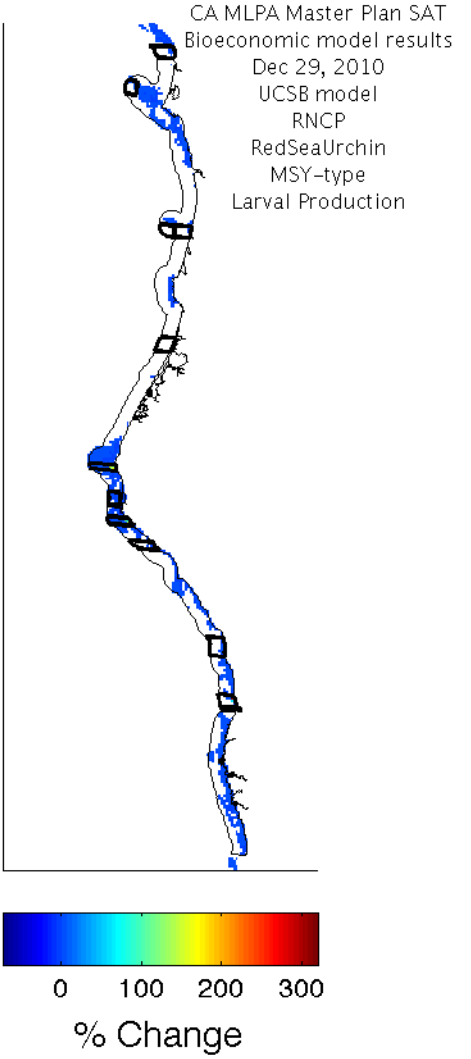

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
Cabezon
MSY-type
Larval Supply
0.9
1
1.1
1.2
% Change

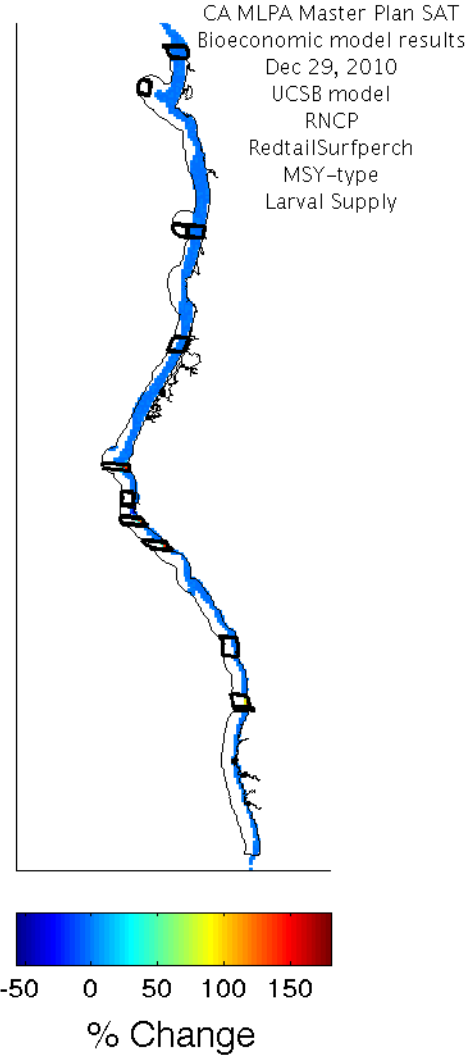

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
Cabezon
MSY-type
Larval Production
-50
0
50
100
% Change

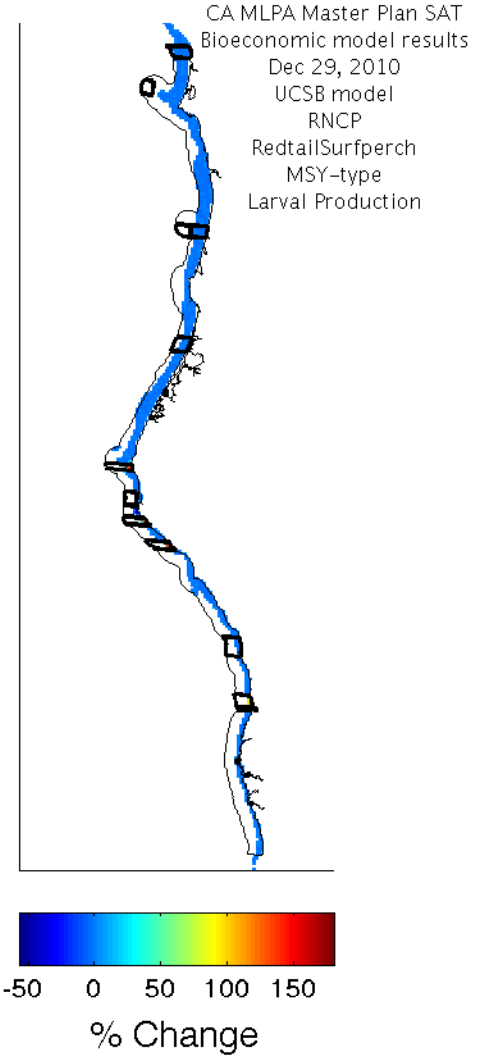

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedAbalone
MSY-type
Larval Supply
0
2
4
6
% Change

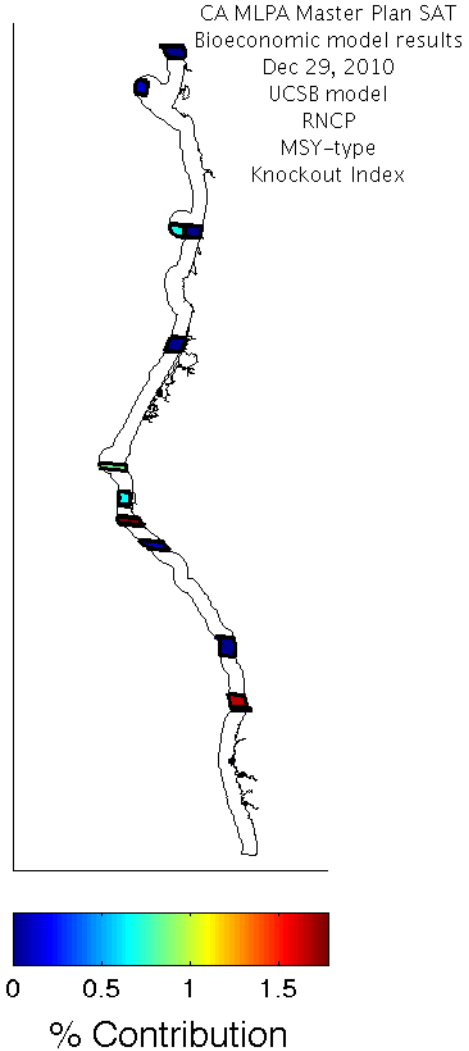

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedAbalone
MSY-type
Larval Production
0
50
100
% Change

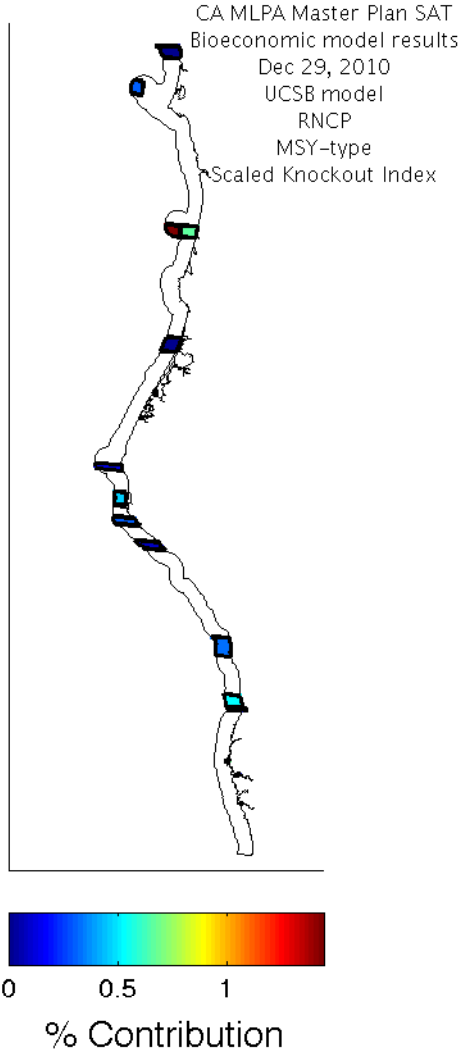

CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
MSY-type
Larval Supply
1.4
1.5
1.6
% Change


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedSeaUrchin
MSY-type
Larval Production
0
100
200
300
% Change


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
MSY-type
Larval Supply
-50
0
50
100
150
% Change


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
RedtailSurfperch
MSY-type
Larval Production
-50
0
50
100
150
% Change


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
MSY-type
Knockout Index
0
0.5
1
1.5
% Contribution


CA MLPA Master Plan SAT
Bioeconomic model results
Dec 29, 2010
UCSB model
RNCP
MSY-type
Scaled Knockout Index
0
0.5
1
% Contribution