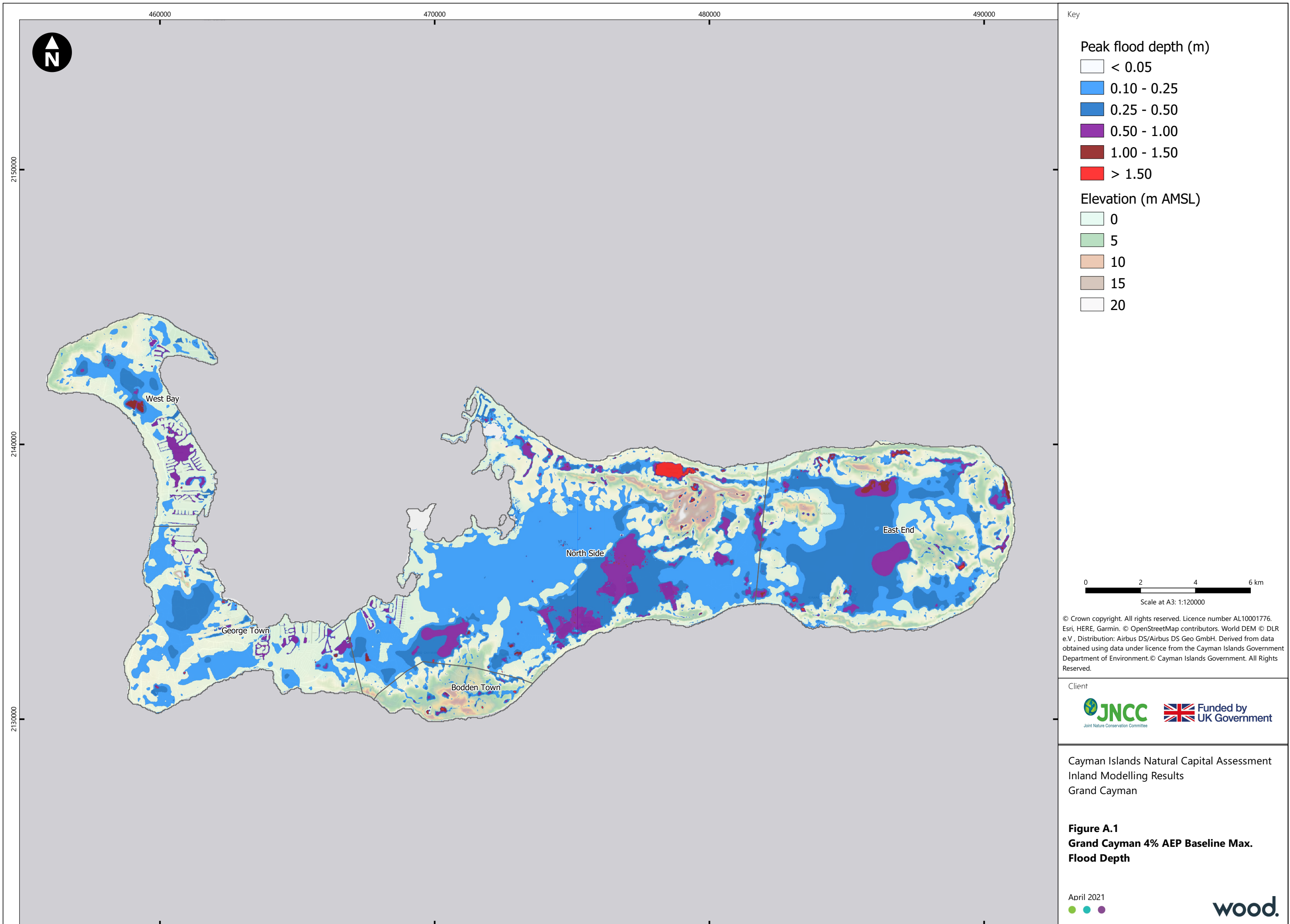
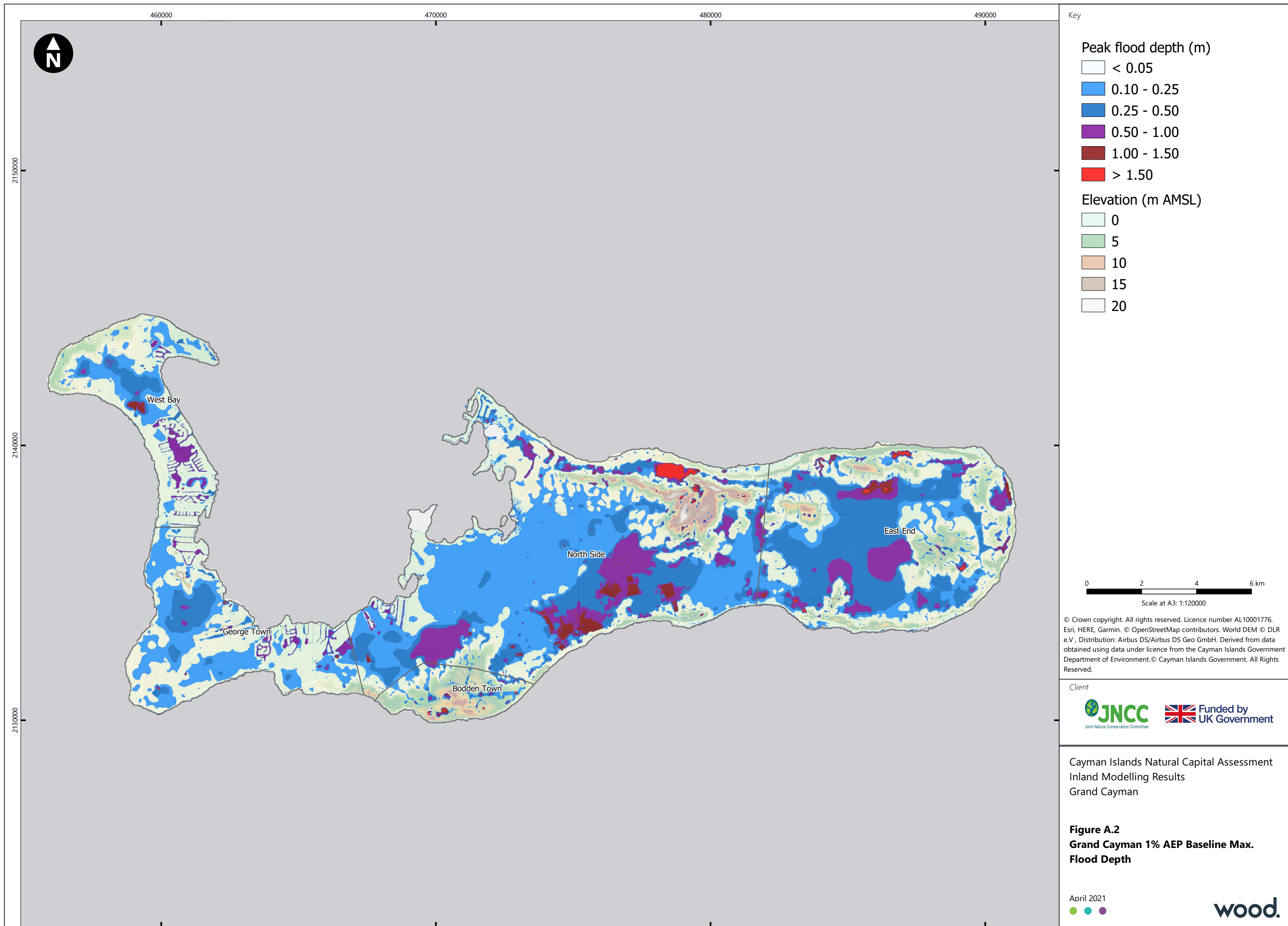


Model development to assess the vulnerability of the Cayman Islands to storm surge and inland flooding, and the role and value of natural capital in mitigating the impacts C20-0302-1509

Appendix A presents the inland modelling results as a series of maps, described in sections 5.1 & 6.1 of the [main report](#)







600000

Mar Caribe

Key

Peak flood depth (m)

- < 0.05
- 0.10 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- > 1.50

Elevation (m AMSL)

- 0
- 2
- 4
- 6
- 8

0 1 2 3 km
Scale at A3: 1:55000

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Cayman Islands Natural Capital Assessment
Inland Modelling Results
Little Cayman

Figure A.3
Little Cayman 4% AEP Baseline Max.
Flood Depth

April 2021



wood.



600000

Mar Caribe

Key

Peak flood depth (m)

- < 0.05
- 0.10 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- > 1.50

Elevation (m AMSL)

- 0
- 2
- 4
- 6
- 8

0 1 2 3 km

Scale at A3: 1:55000

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Cayman Islands Natural Capital Assessment
Inland Modelling Results
Little Cayman

Figure A.4
Little Cayman 1% AEP Baseline Max.
Flood Depth

April 2021



wood.



620000

630000

Key

Peak flood depth (m)

< 0.05

0.10 - 0.25

0.25 - 0.50

0.50 - 1.00

1.00 - 1.50

> 1.50

Elevation (m AMSL)

0

10

20

30

40

0 1 2 3 km

Scale at A3: 1:60000

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Cayman Islands Natural Capital Assessment
Inland Modelling Results
Cayman Brac

Figure A.5
Cayman Brac 4% AEP Baseline Max.
Flood Depth

April 2021



wood.



620000

630000

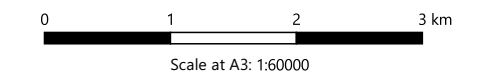
Key

Peak flood depth (m)

- < 0.05
- 0.10 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- > 1.50

Elevation (m AMSL)

- 0
- 10
- 20
- 30
- 40



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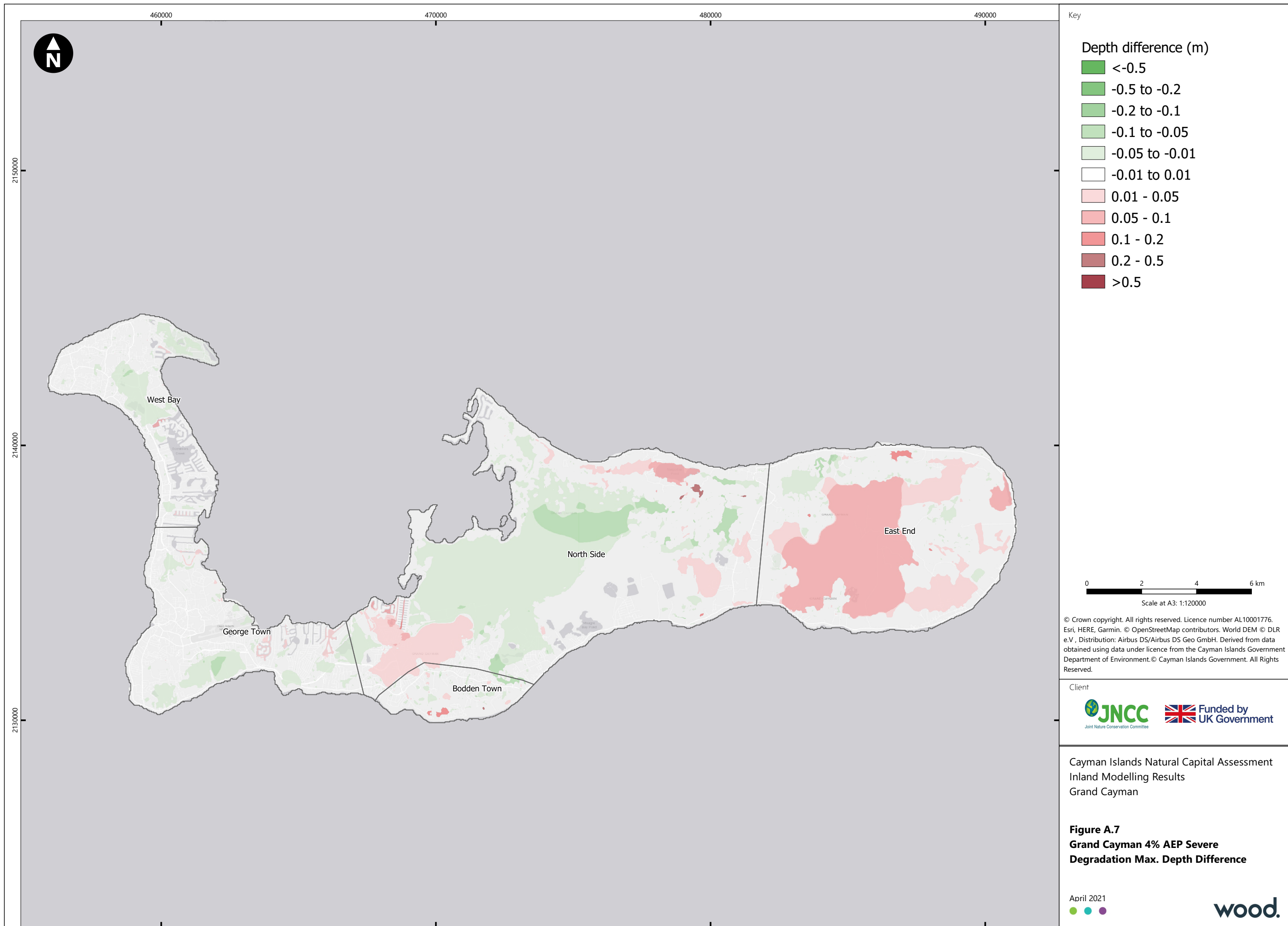
Cayman Islands Natural Capital Assessment
Inland Modelling Results
Cayman Brac

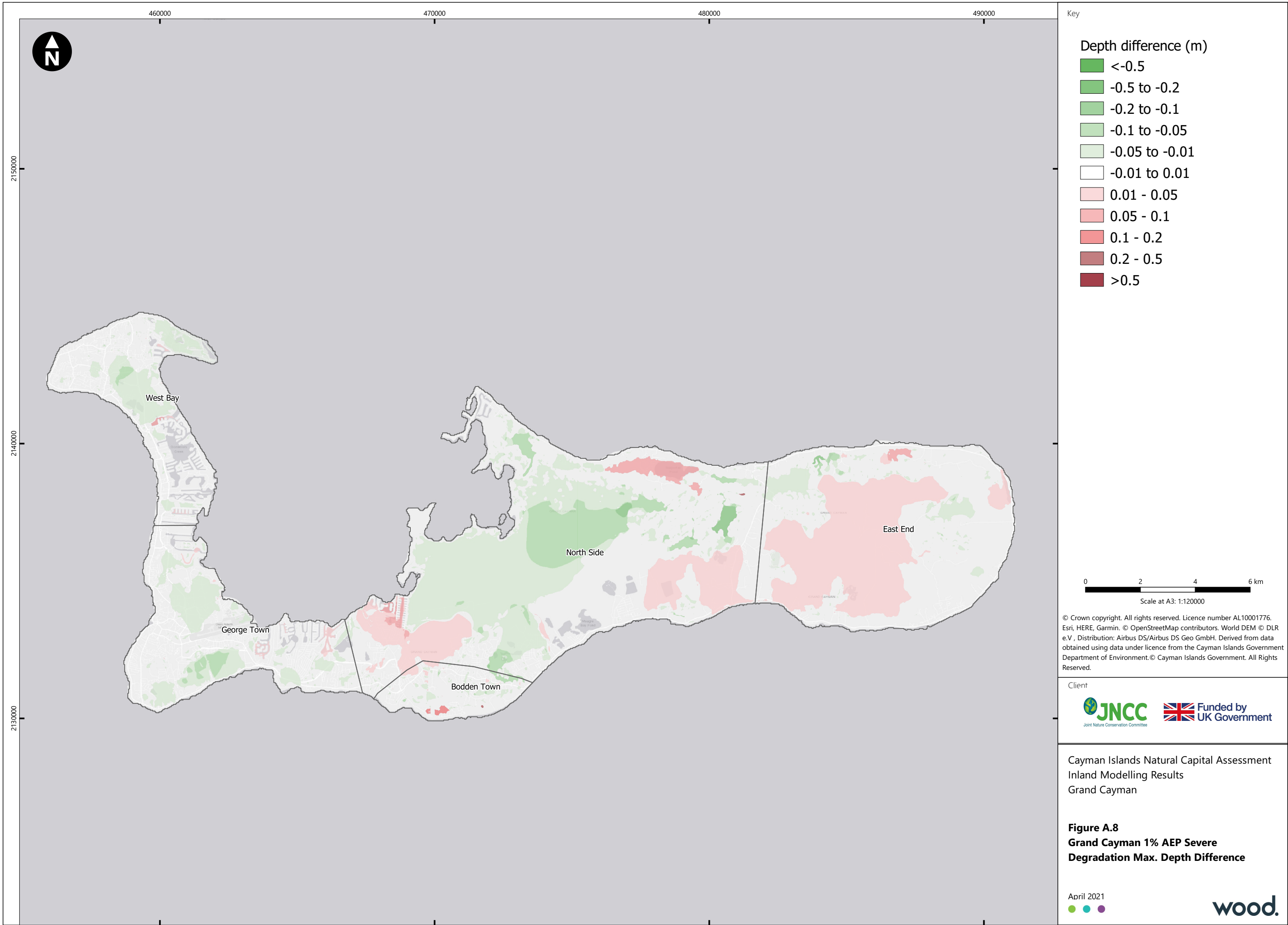
Figure A.6
Cayman Brac 1% AEP Baseline Max.
Flood Depth

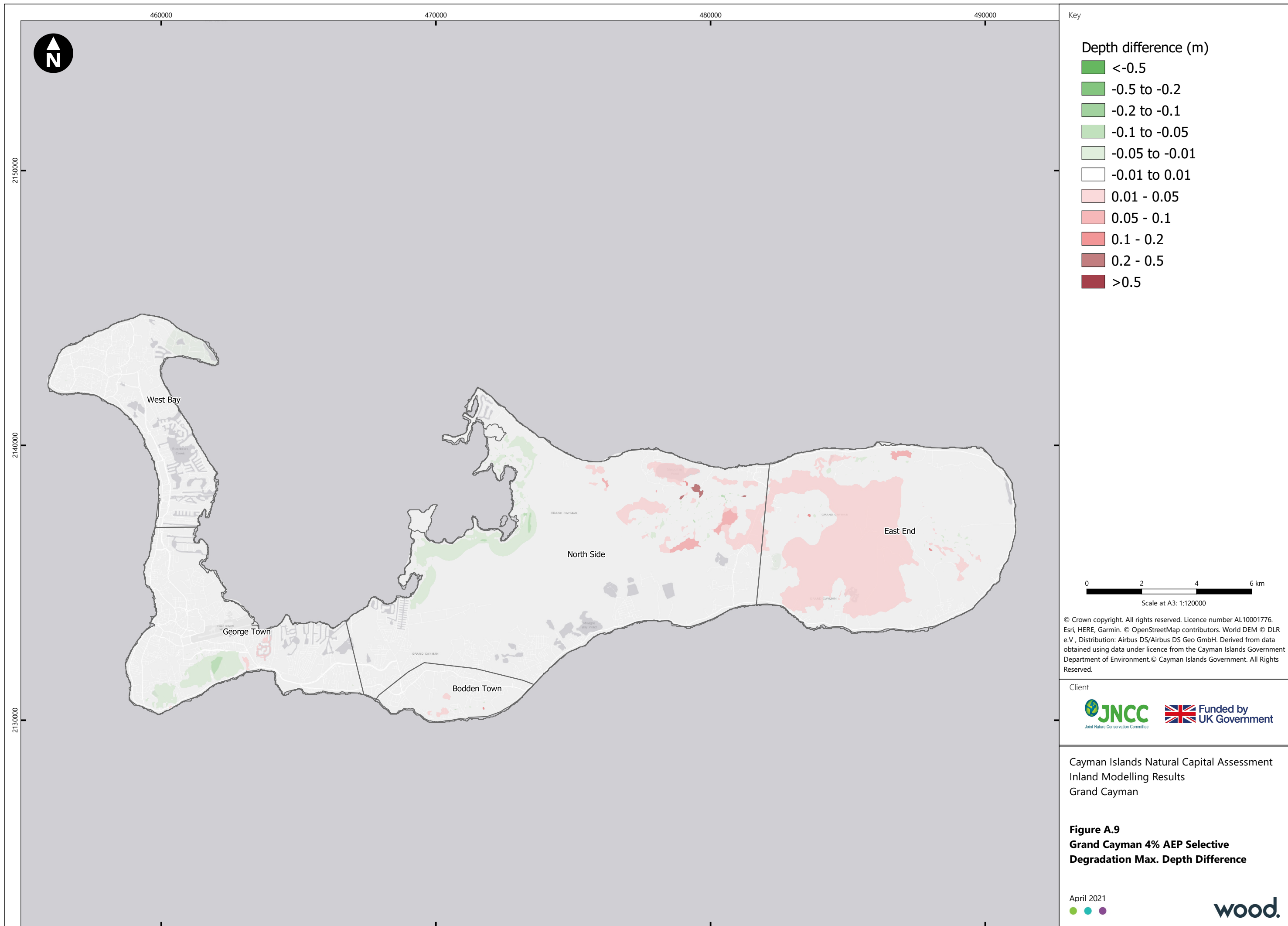
April 2021

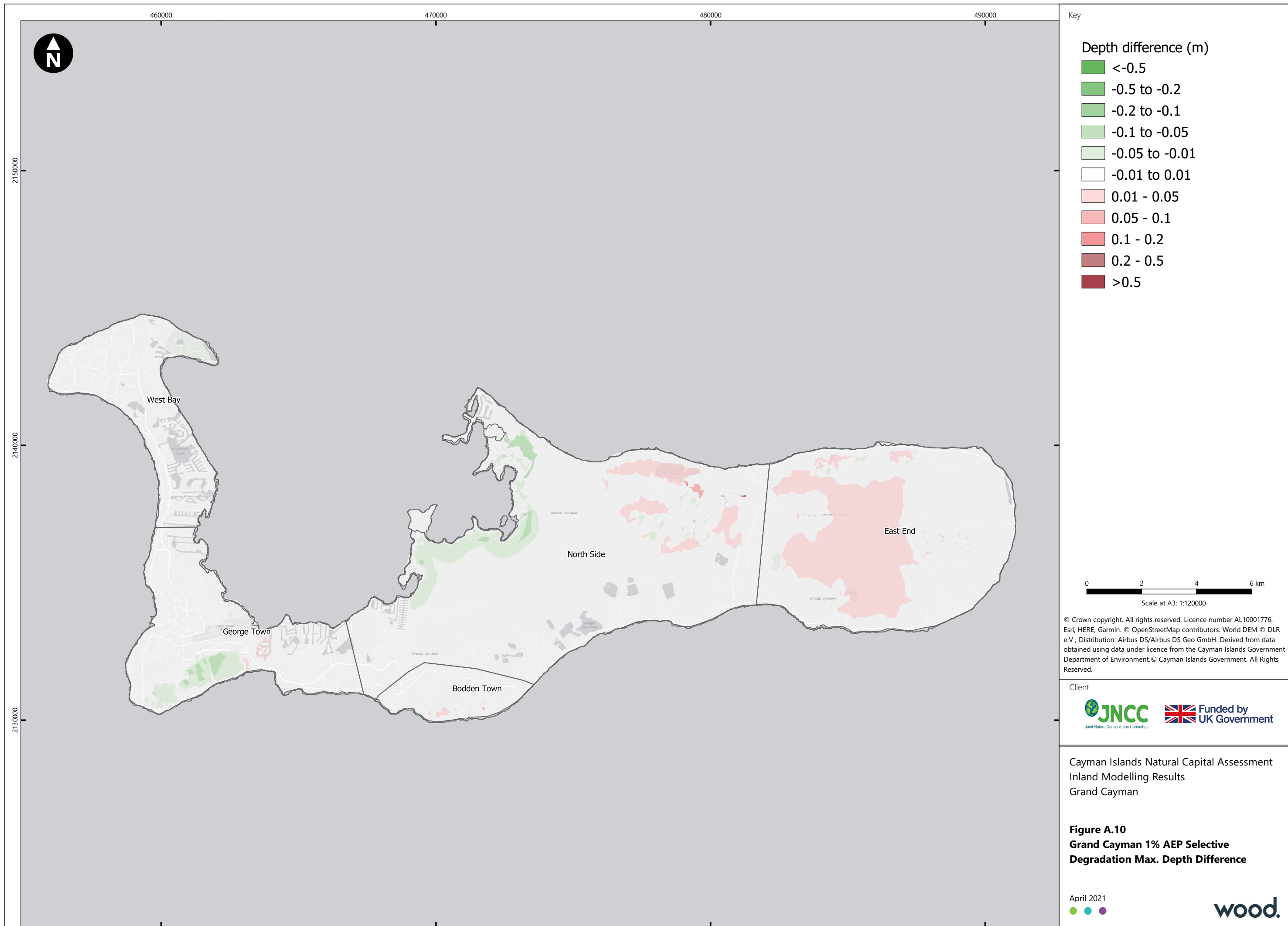


wood.









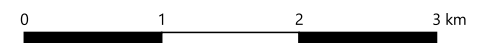
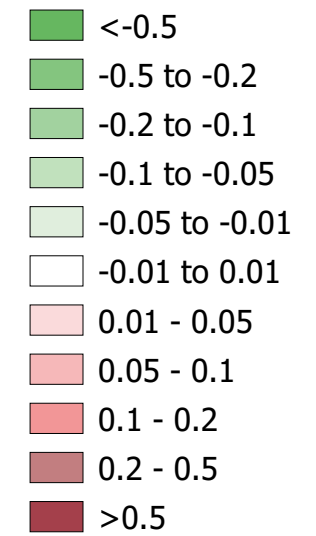


600000

Mar Caribe

Key

Depth difference (m)



Scale at A3: 1:55000

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Cayman Islands Natural Capital Assessment
Inland Modelling Results
Little Cayman

Figure A.11
Little Cayman 4% AEP Severe
Degradation Max. Depth Difference

April 2021



wood.

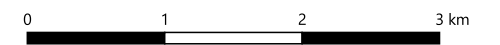
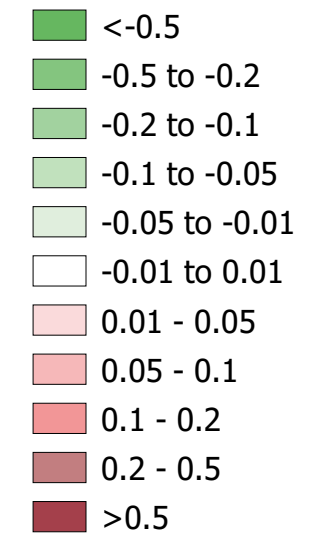


600000

Mar Caribe

Key

Depth difference (m)



Scale at A3: 1:55000

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Cayman Islands Natural Capital Assessment
Inland Modelling Results
Little Cayman

Figure A.12
Little Cayman 1% AEP Severe
Degradation Max. Depth Difference

April 2021



wood.

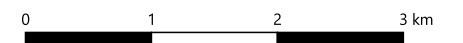
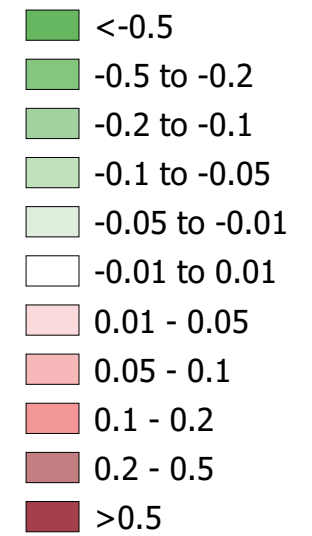


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630000

Key

Depth difference (m)



Scale at A3: 1:60000

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Cayman Islands Natural Capital Assessment
Inland Modelling Results
Cayman Brac

Figure A.13
Cayman Brac 4% AEP Severe
Degradation Max. Depth Difference

April 2021



wood.

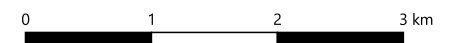
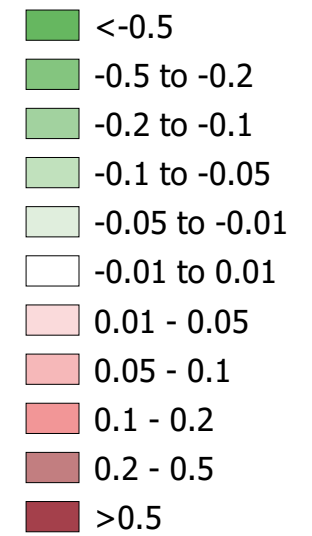


620000

630000

Key

Depth difference (m)



Scale at A3: 1:60000

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Cayman Islands Natural Capital Assessment
Inland Modelling Results
Cayman Brac

Figure A.14
Cayman Brac 1% AEP Severe Degradation
Max. Depth Difference

April 2021



wood.