

Appendix 3.11

Figure 001 Before and after dredging comparison plots of near surface horizontal current speed, flood tide, dry season
Figure 002 Before and after dredging comparison plots of mid-depth horizontal current speed, flood tide, dry season
Figure 003 Before and after dredging comparison plots of near bottom horizontal current speed, flood tide, dry season
Figure 004 Before and after dredging comparison plots of near surface horizontal current speed, ebb tide, dry season
Figure 005 Before and after dredging comparison plots of mid-depth horizontal current speed, ebb tide, dry season
Figure 006 Before and after dredging comparison plots of near bottom horizontal current speed, ebb tide, dry season

Figure 007 Before and after dredging comparison plots of near surface horizontal current speed, flood tide, wet season
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Figure 010 Before and after dredging comparison plots of near surface horizontal current speed, ebb tide, wet season
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Figure 012 Before and after dredging comparison plots of near bottom horizontal current speed, ebb tide, wet season

Figure 013 Before and after dredging comparison histogram plots of instantaneous and cumulative discharge,
West Lamma Channel, dry season

Figure 014 Before and after dredging comparison histogram plots of instantaneous and cumulative discharge,
Lantau-Wailingding, dry season

Figure 015 Before and after dredging comparison histogram plots of instantaneous and cumulative discharge,
Lamma South, dry season

Figure 016 Before and after dredging comparison histogram plots of instantaneous and cumulative discharge,
West Lamma Channel, wet season

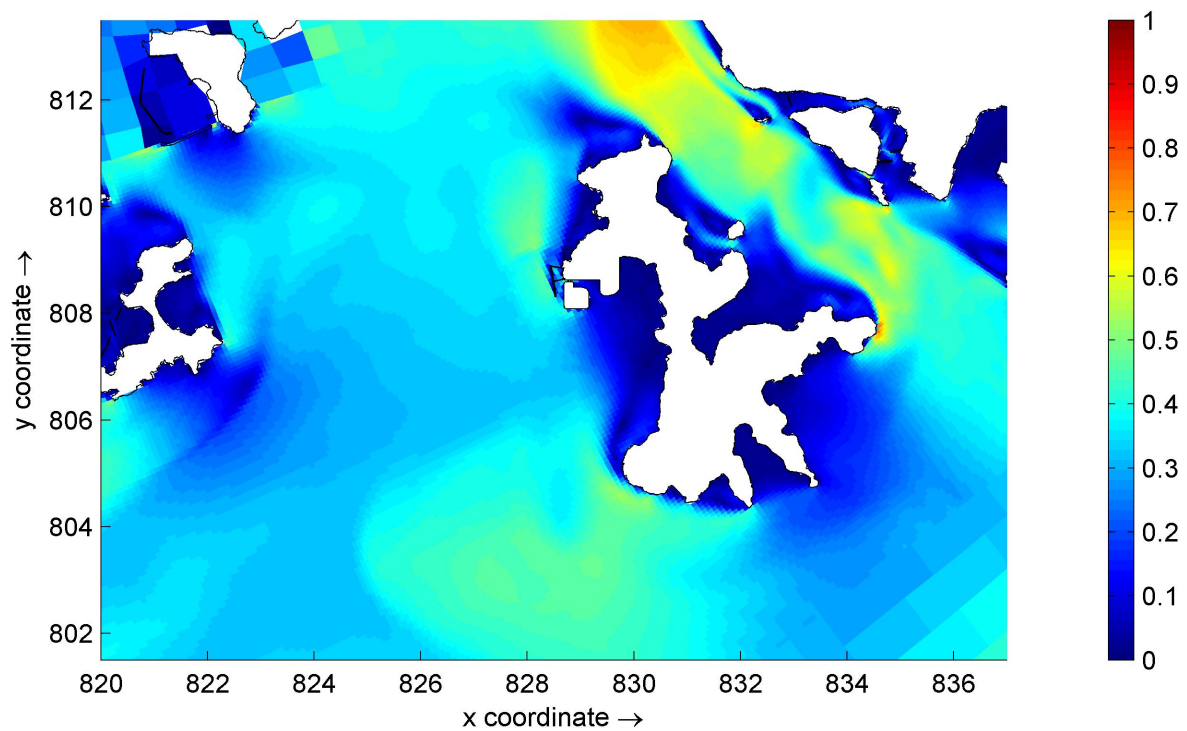
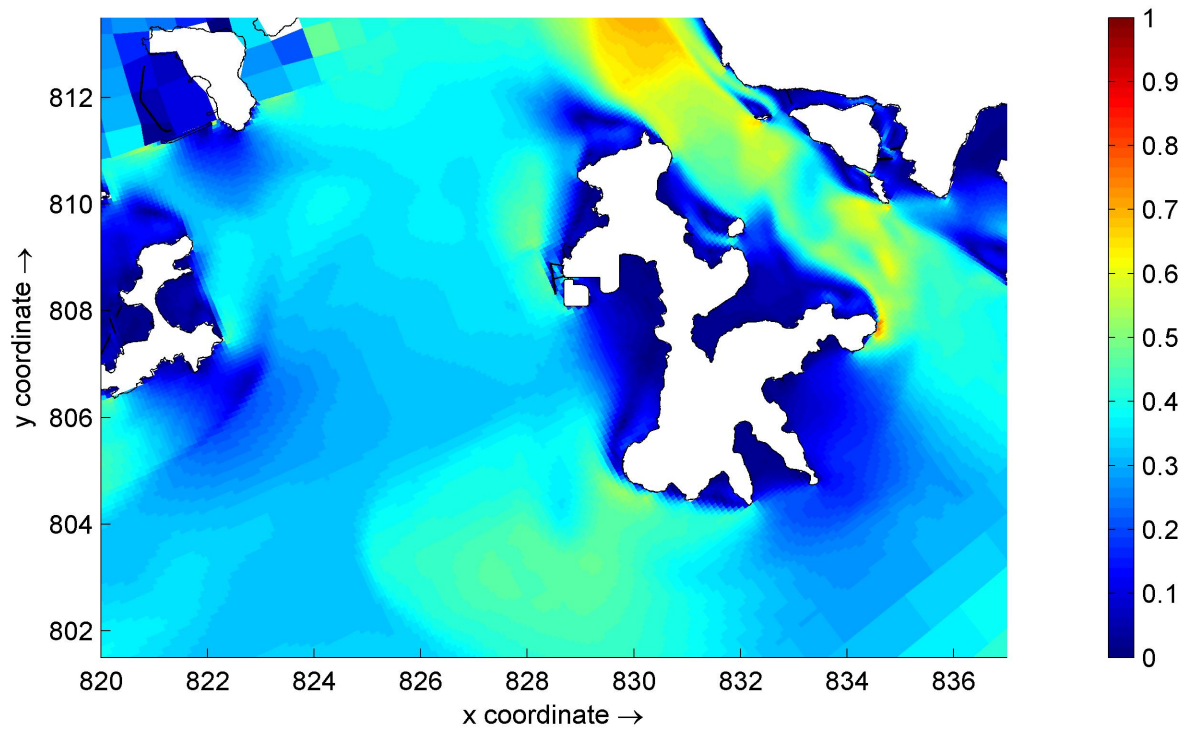
Figure 017 Before and after dredging comparison histogram plots of instantaneous and cumulative discharge,
Lantau-Wailingding, wet season

Figure 018 Before and after dredging comparison histogram plots of instantaneous and cumulative discharge,
Lamma South, wet season

Figure 019 Before and after dredging comparison plots of near surface horizontal velocity, flood tide, dry season
Figure 020 Before and after dredging comparison plots of mid-depth horizontal velocity, flood tide, dry season
Figure 021 Before and after dredging comparison plots of near bottom horizontal velocity, flood tide, dry season
Figure 022 Before and after dredging comparison plots of near surface horizontal velocity, ebb tide, dry season
Figure 023 Before and after dredging comparison plots of mid-depth horizontal velocity, ebb tide, dry season
Figure 024 Before and after dredging comparison plots of near bottom horizontal velocity, ebb tide, dry season

Figure 025 Before and after dredging comparison plots of near surface horizontal velocity, flood tide, wet season
Figure 026 Before and after dredging comparison plots of mid-depth horizontal velocity, flood tide, wet season
Figure 027 Before and after dredging comparison plots of near bottom horizontal velocity, flood tide, wet season
Figure 028 Before and after dredging comparison plots of near surface horizontal velocity, ebb tide, wet season
Figure 029 Before and after dredging comparison plots of mid-depth horizontal velocity, ebb tide, wet season
Figure 030 Before and after dredging comparison plots of near bottom horizontal velocity, ebb tide, wet season

Figure 031 Analysed cross-sections



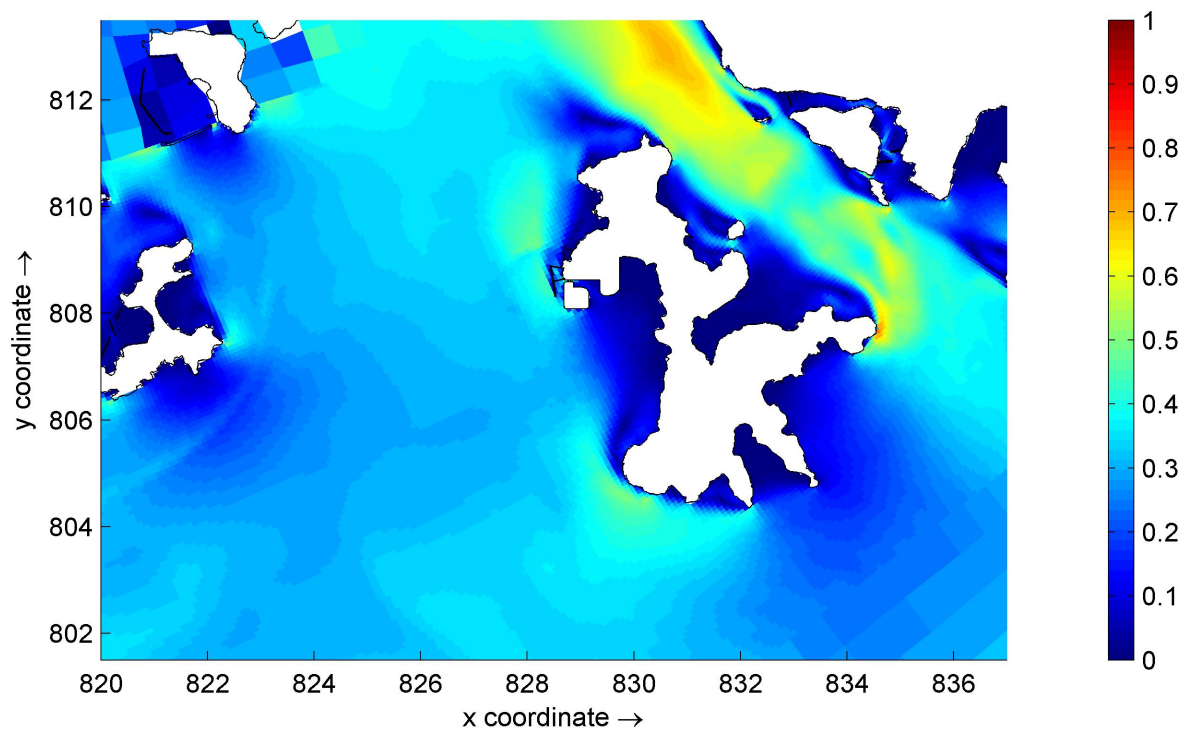
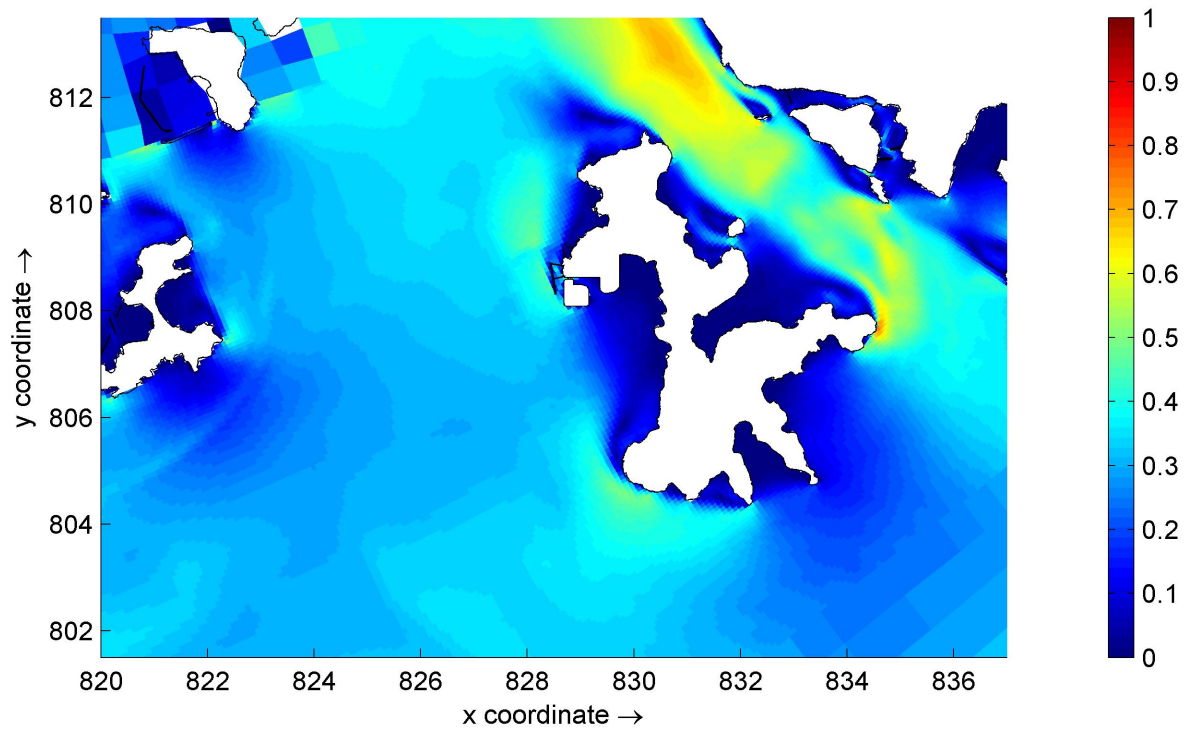
Before dredging v.s. After dredging, dry season
Plots of near surface horizontal current speed, flood tide
(Top: Before dredging, Bottom: After dredging)

Figure 01

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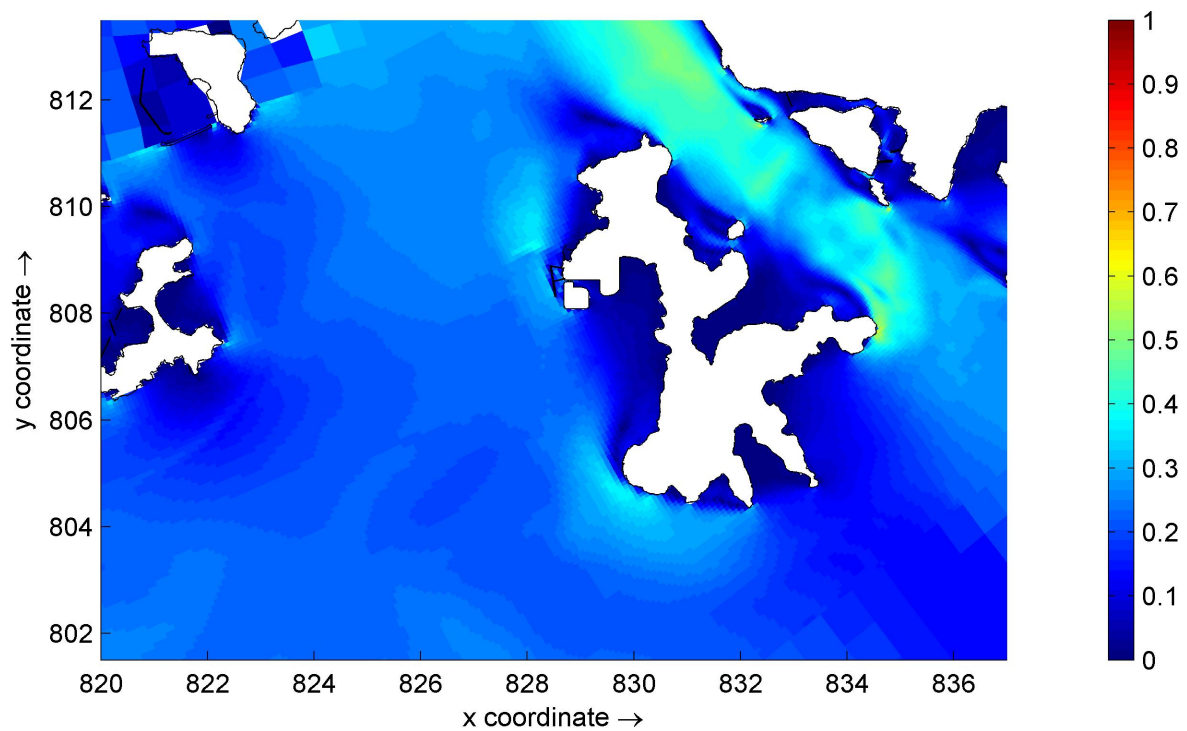
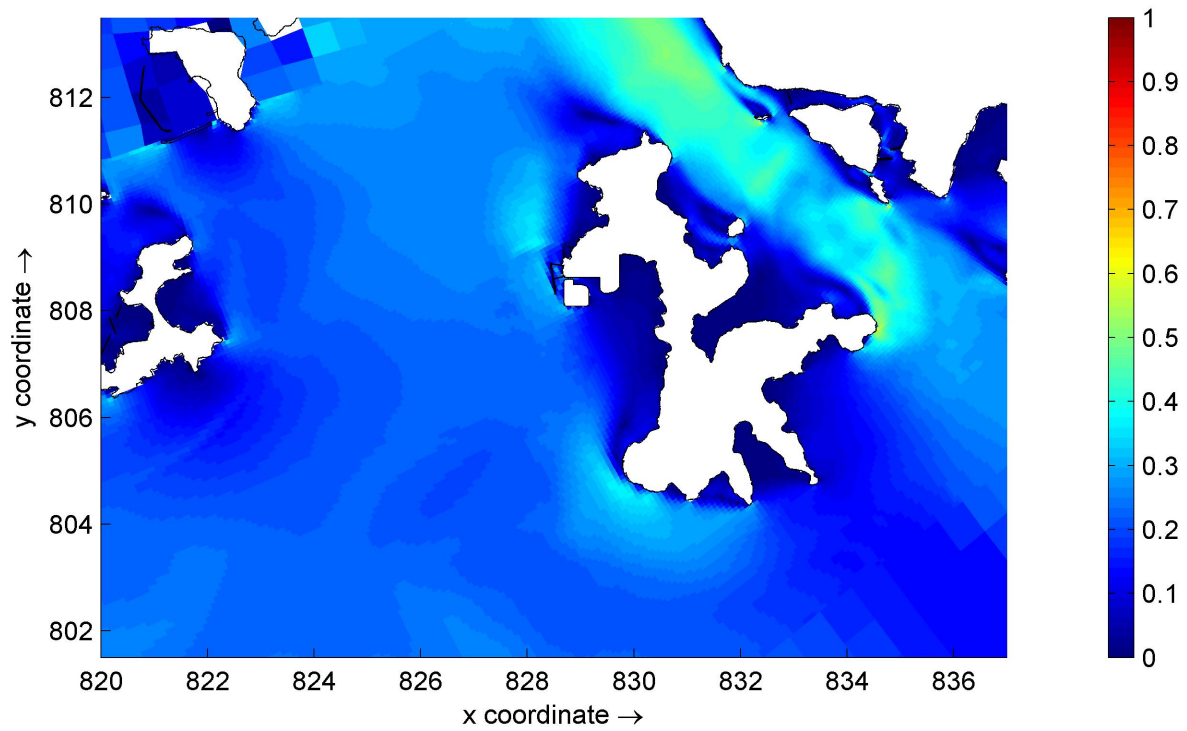
Before dredging v.s. After dredging, dry season
Plots of mid-depth horizontal current speed, flood tide
(Top: Before dredging, Bottom: After dredging)

Figure 02

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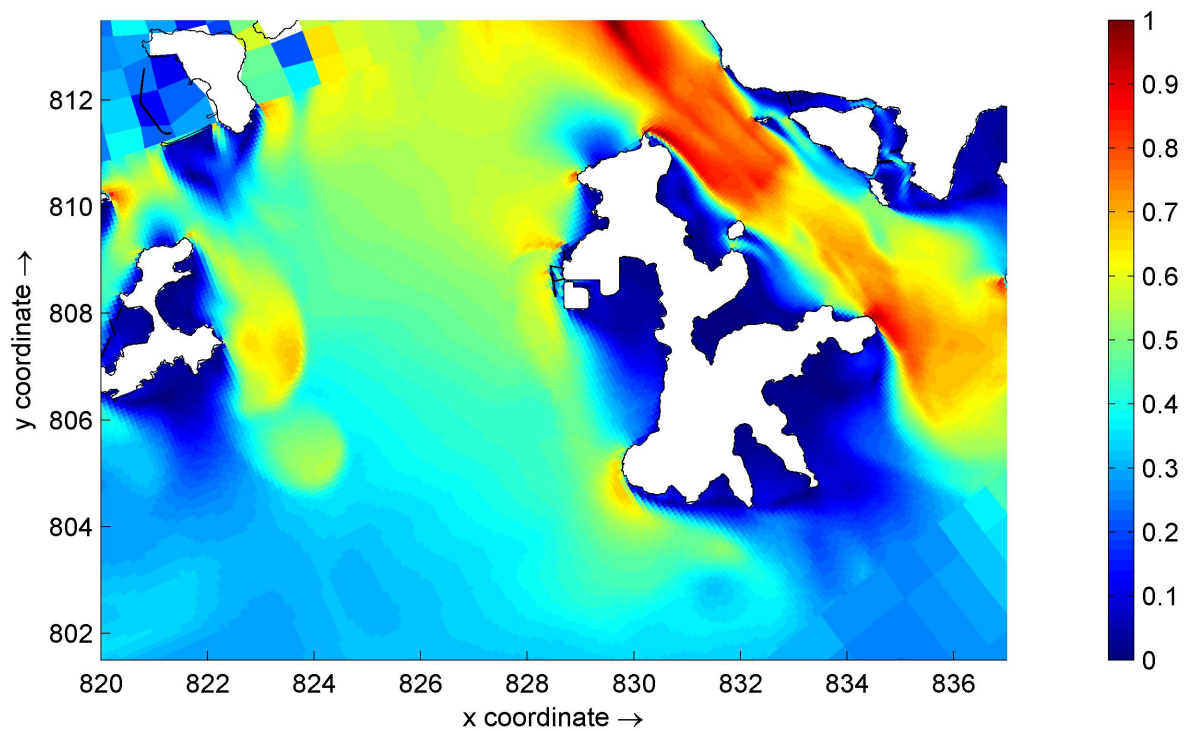
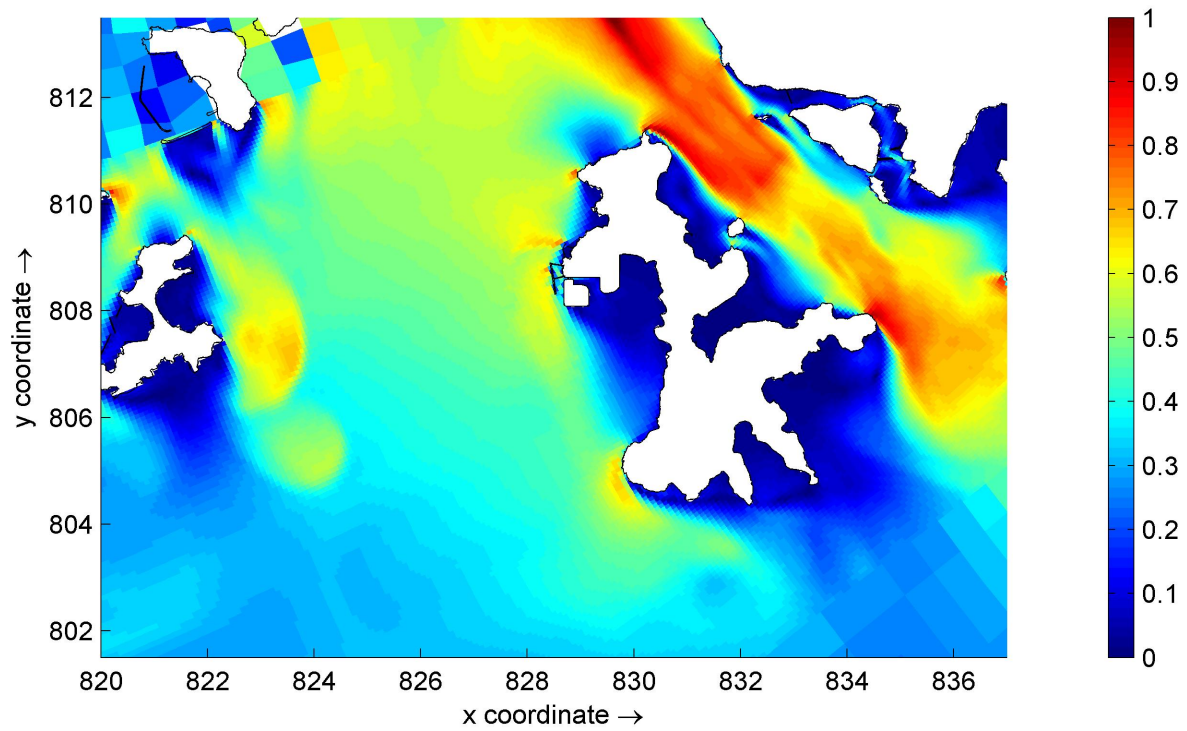
Before dredging v.s. After dredging, dry season
Plots of near bottom horizontal current speed, flood tide
(Top: Before dredging, Bottom: After dredging)

Figure 03

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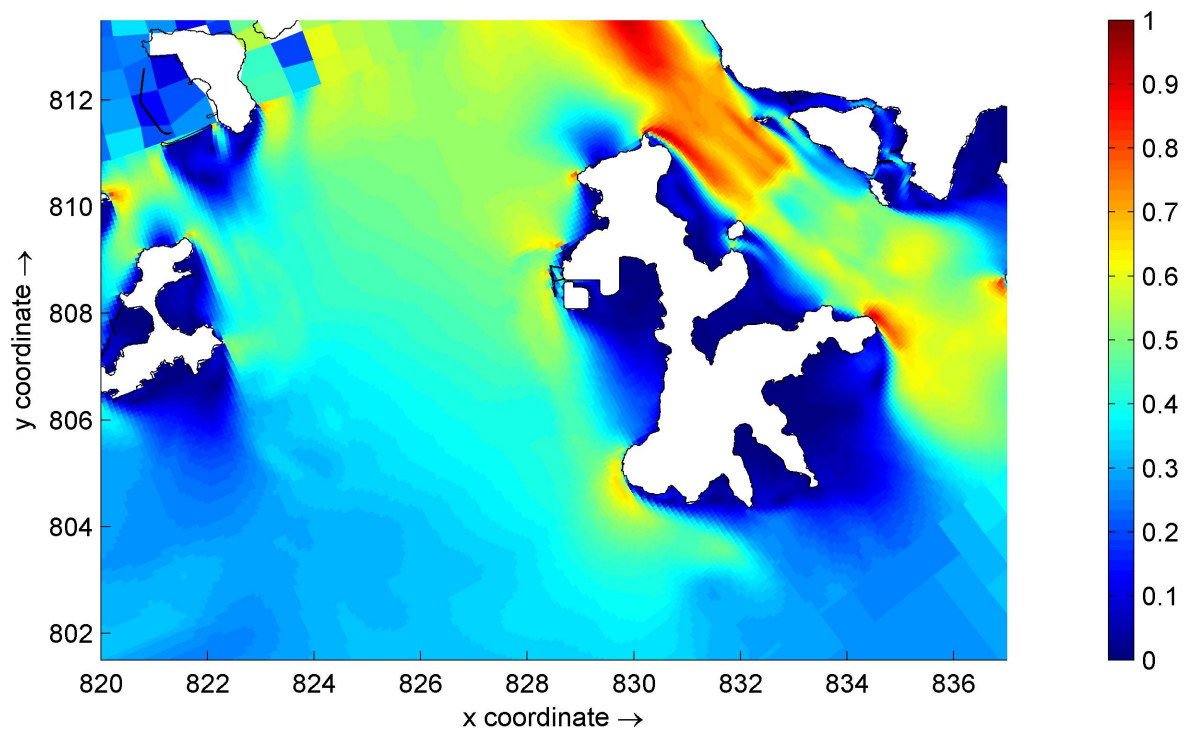
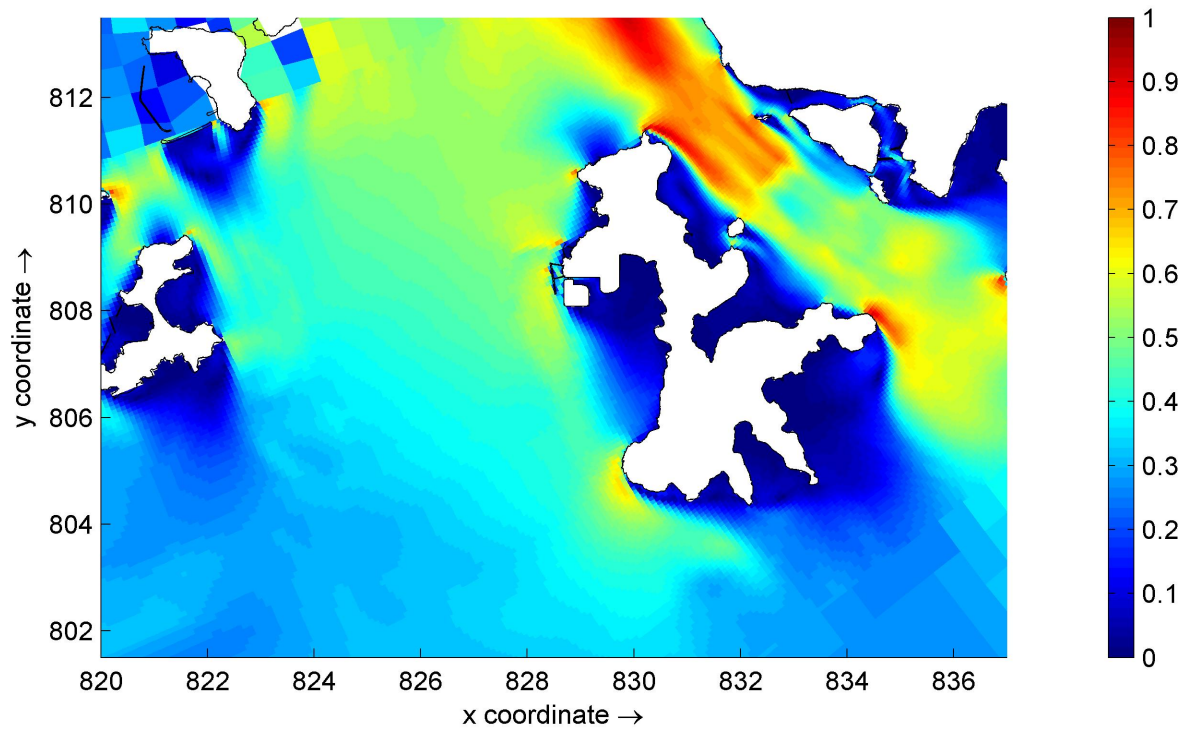
Before dredging v.s. After dredging, dry season
Plots of near surface horizontal current speed, ebb tide
(Top: Before dredging, Bottom: After dredging)

Figure 04

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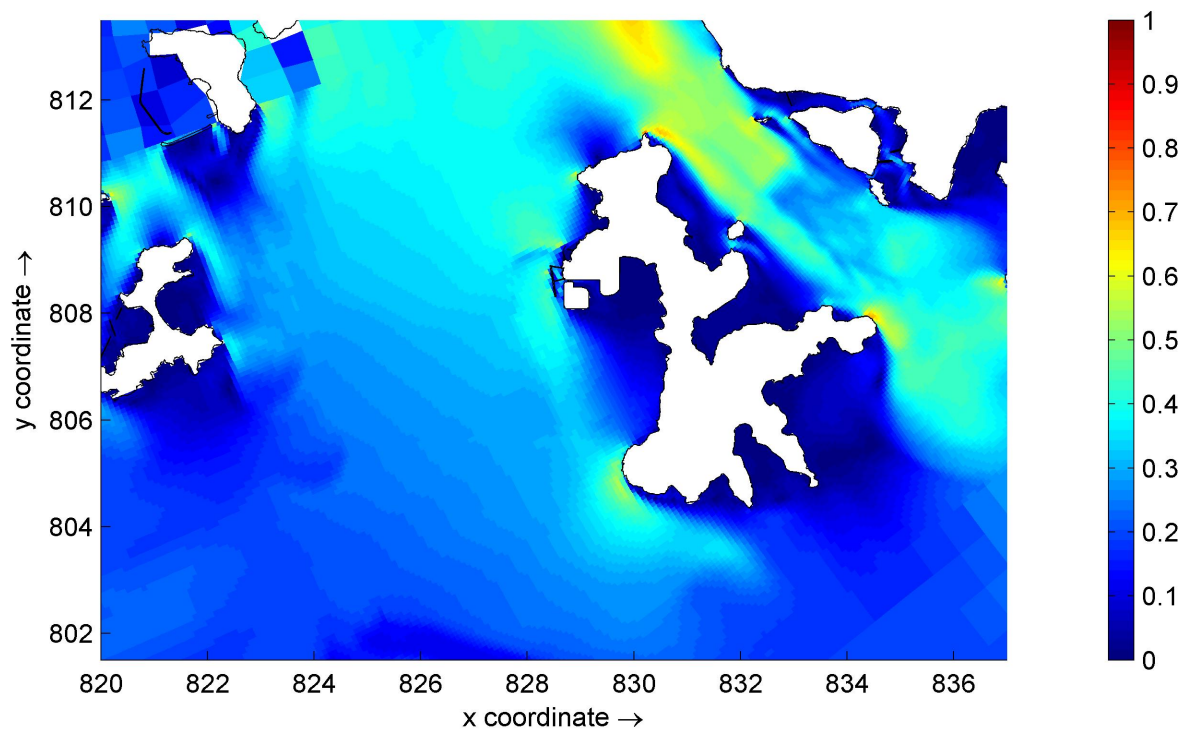
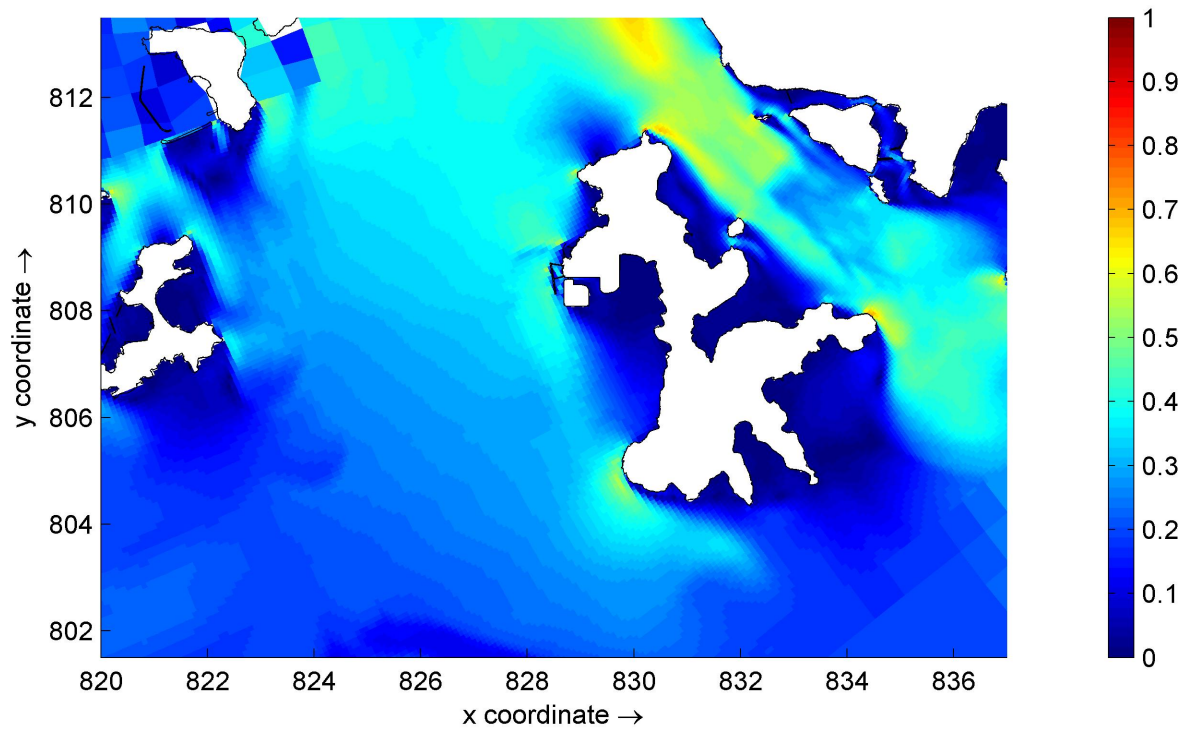
Before dredging v.s. After dredging, dry season
Plots of mid-depth horizontal current speed, ebb tide
(Top: Before dredging, Bottom: After dredging)

Figure 05

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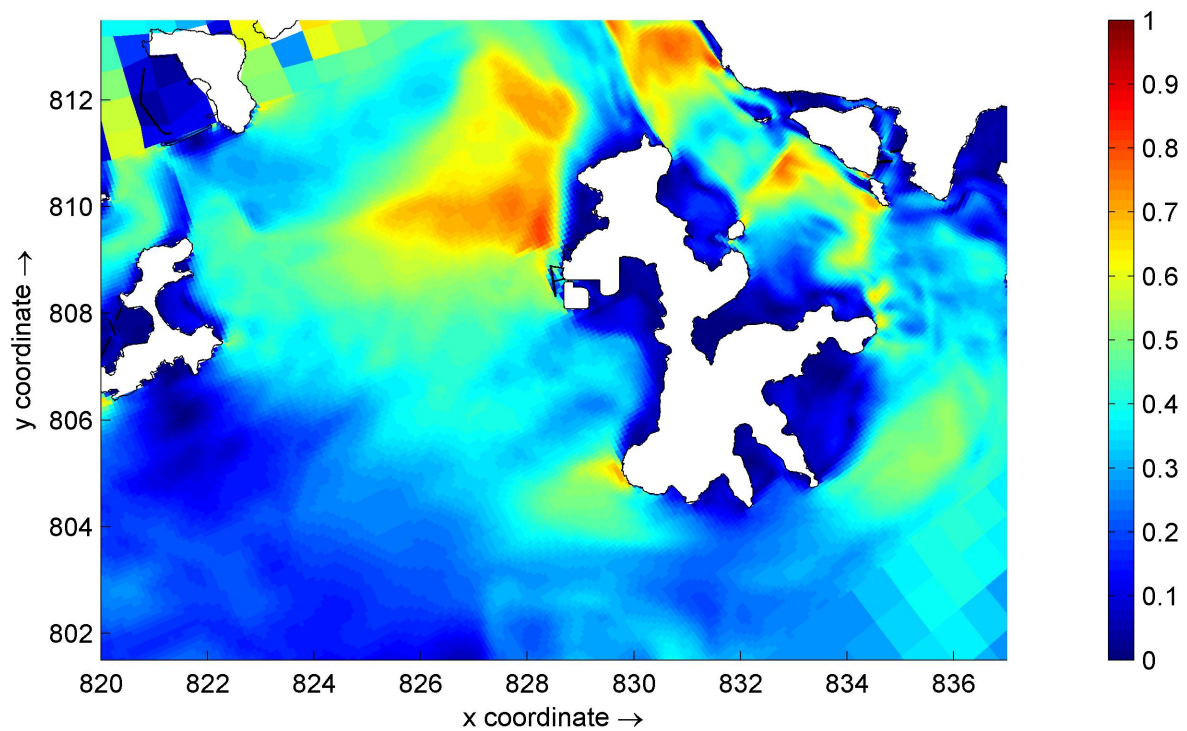
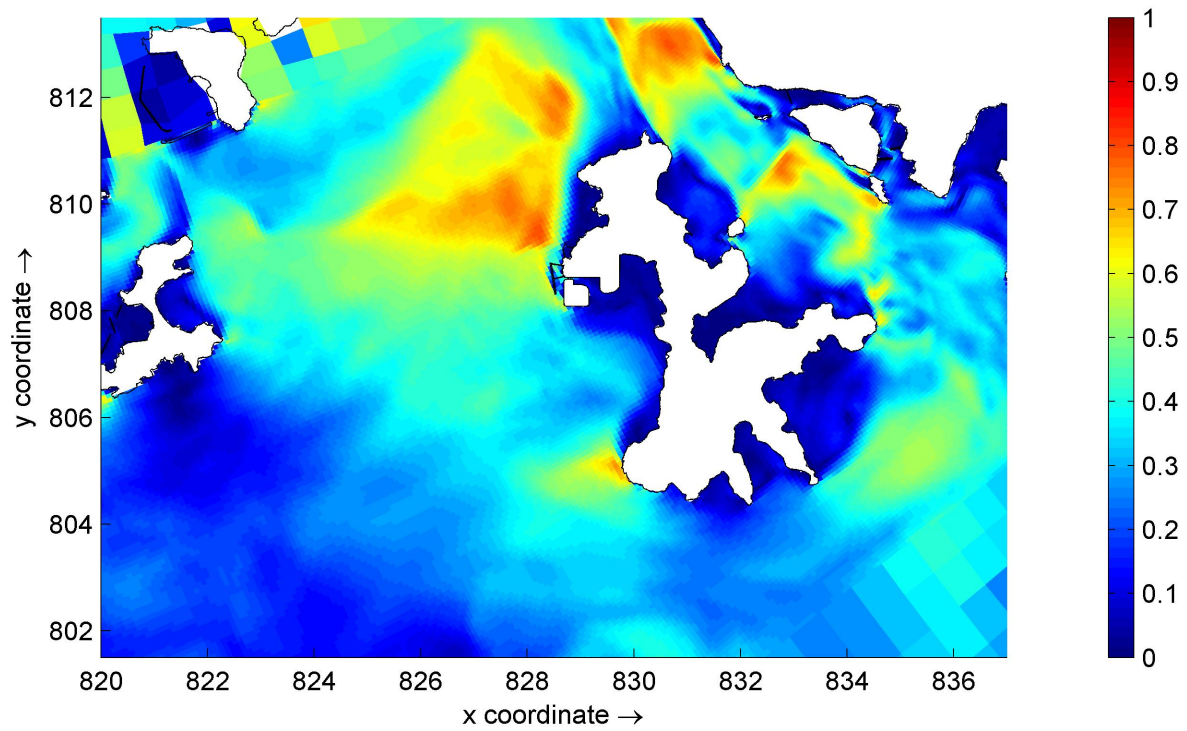
Before dredging v.s. After dredging, dry season
Plots of near bottom horizontal current speed, ebb tide
(Top: Before dredging, Bottom: After dredging)

Figure 06

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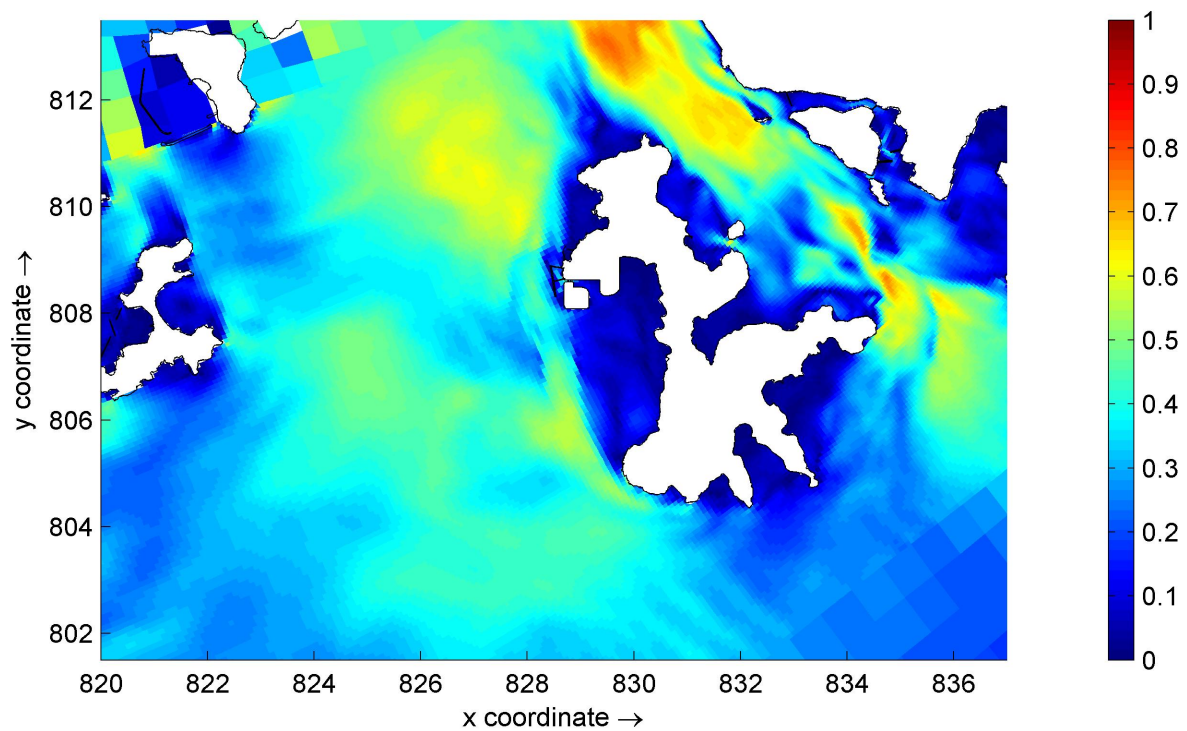
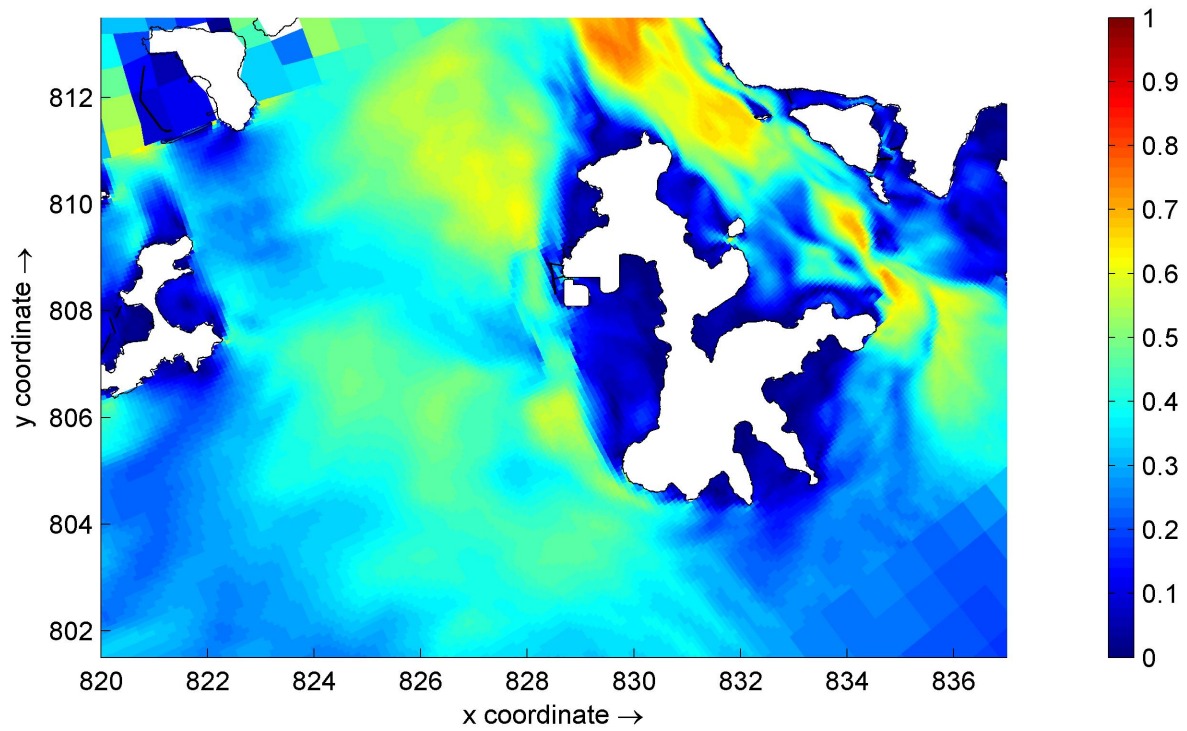
Before dredging v.s. After dredging, wet season
Plots of near surface horizontal current speed, flood tide
(Top: Before dredging, Bottom: After dredging)

Figure 07

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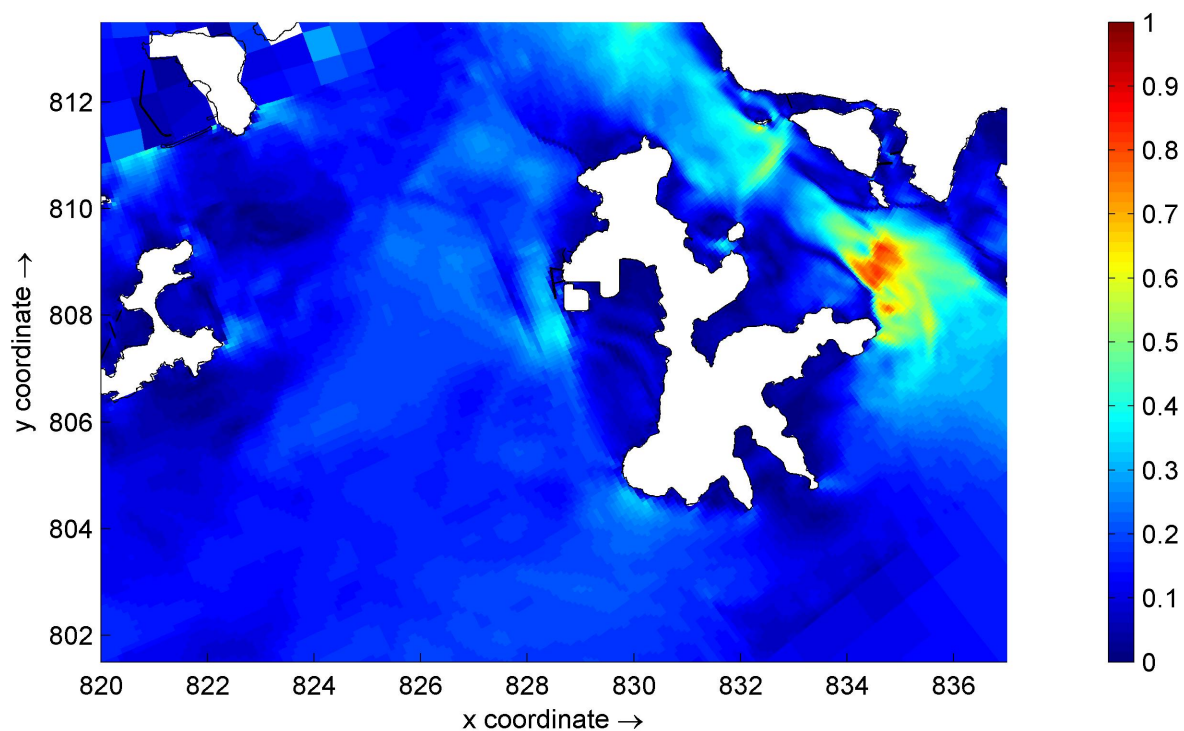
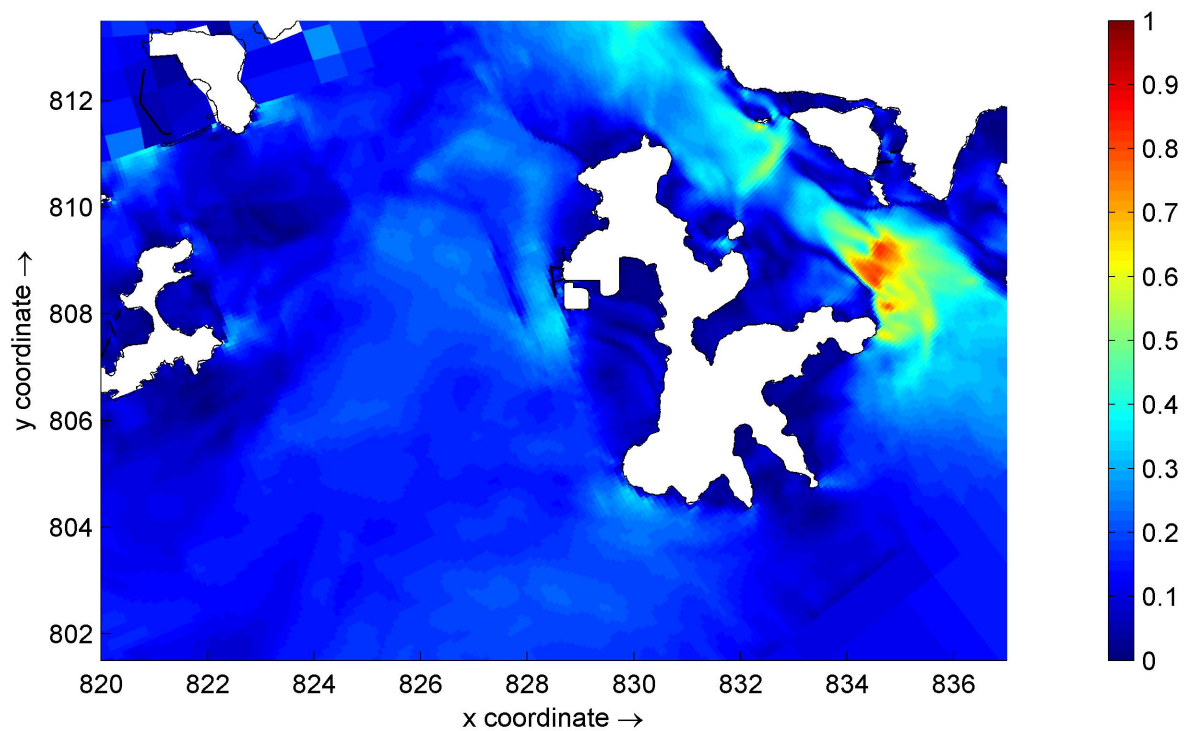
Before dredging v.s. After dredging, wet season
Plots of mid-depth horizontal current speed, flood tide
(Top: Before dredging, Bottom: After dredging)

Figure 08

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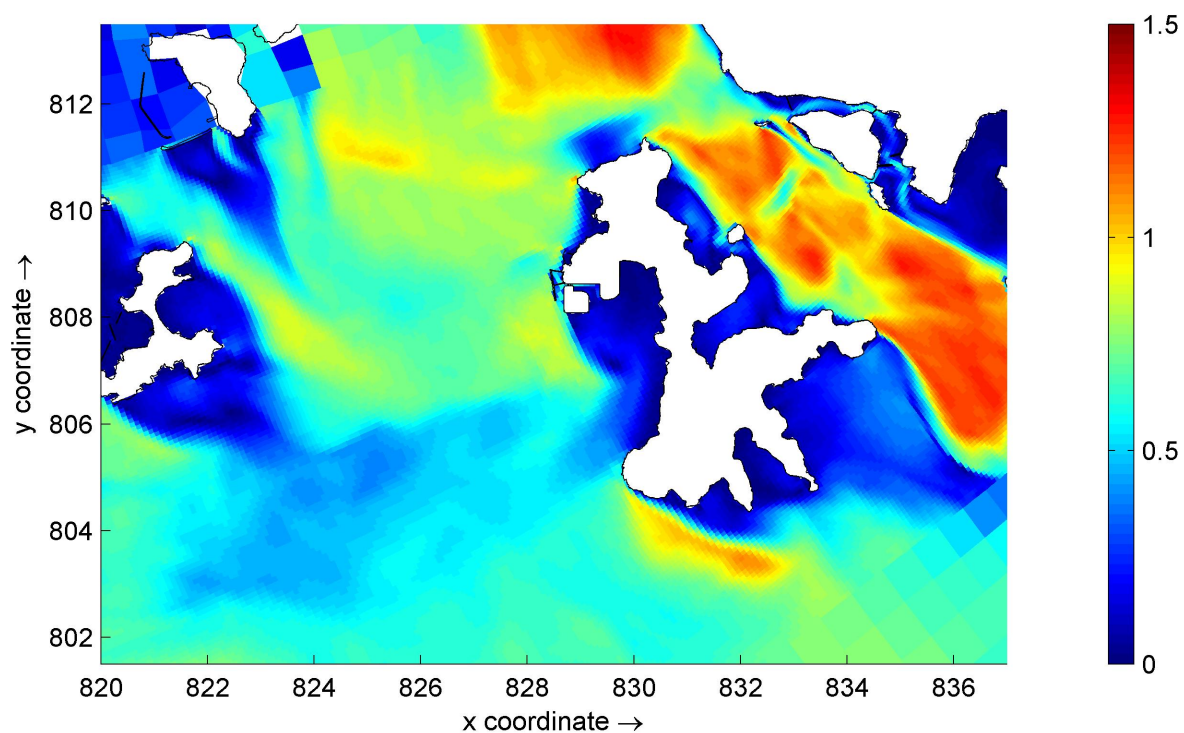
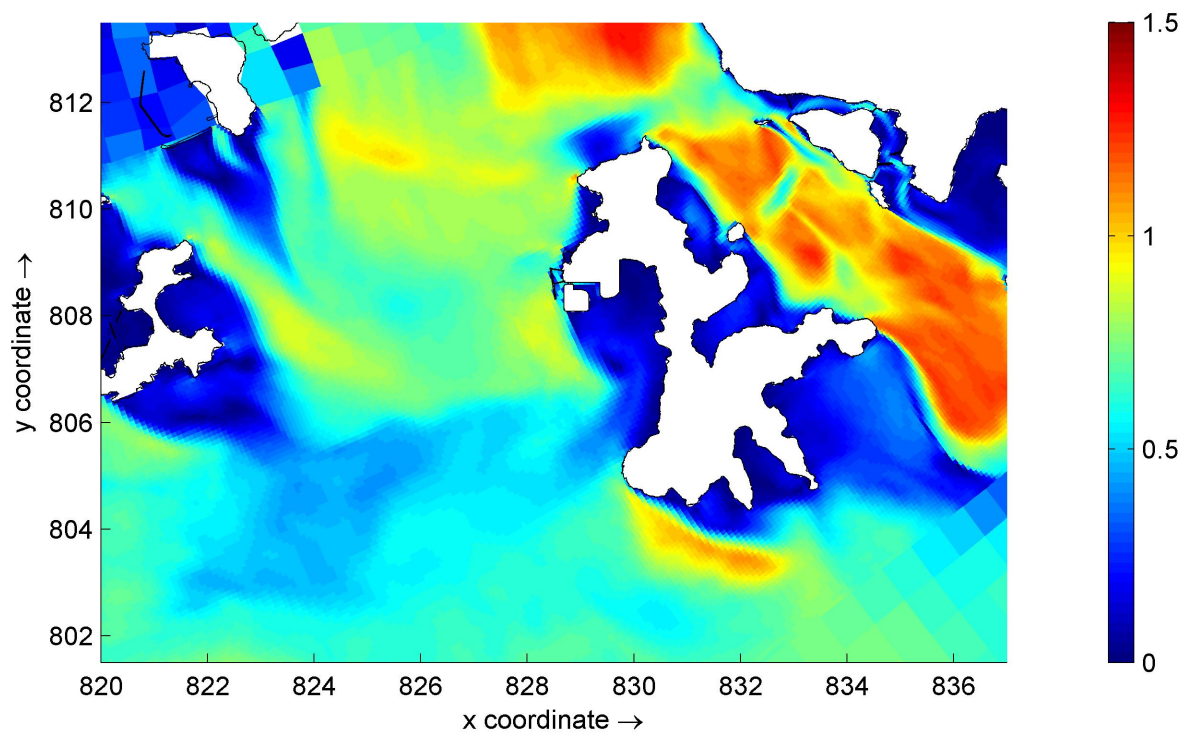
Before dredging v.s. After dredging, wet season
Plots of near bottom horizontal current speed, flood tide
(Top: Before dredging, Bottom: After dredging)

Figure 09

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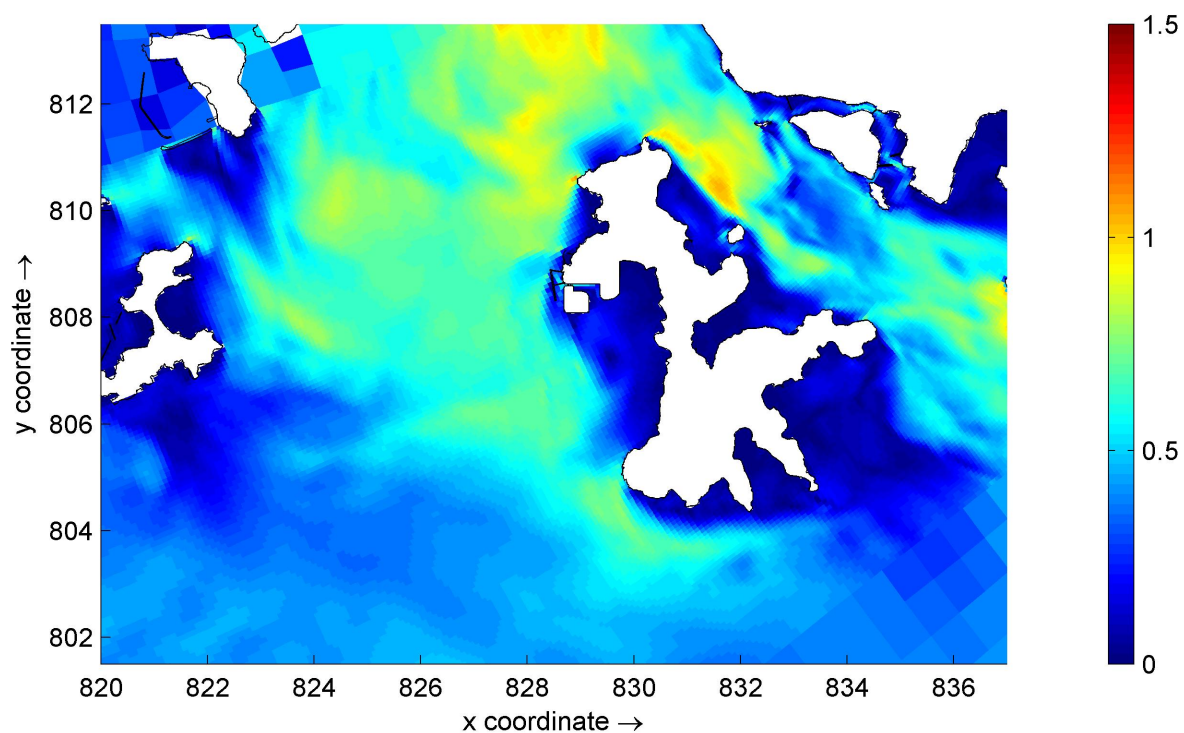
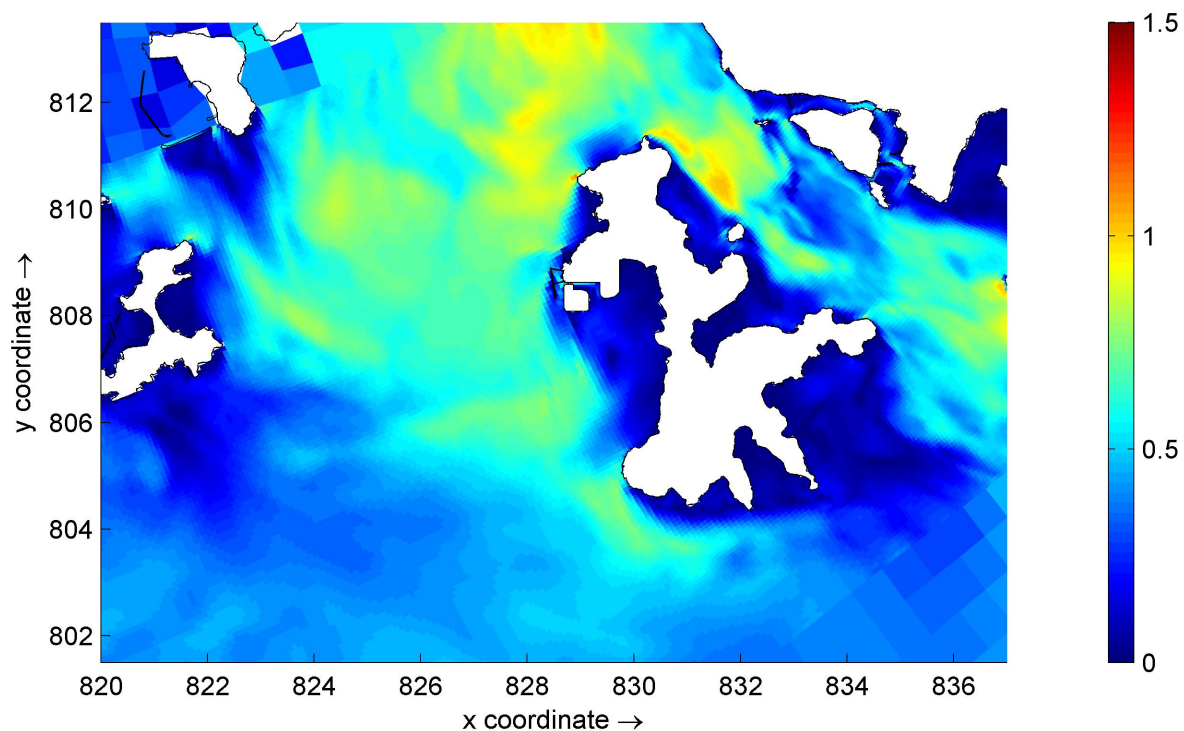
Before dredging v.s. After dredging, wet season
Plots of near surface horizontal current speed, ebb tide
(Top: Before dredging, Bottom: After dredging)

Figure 10

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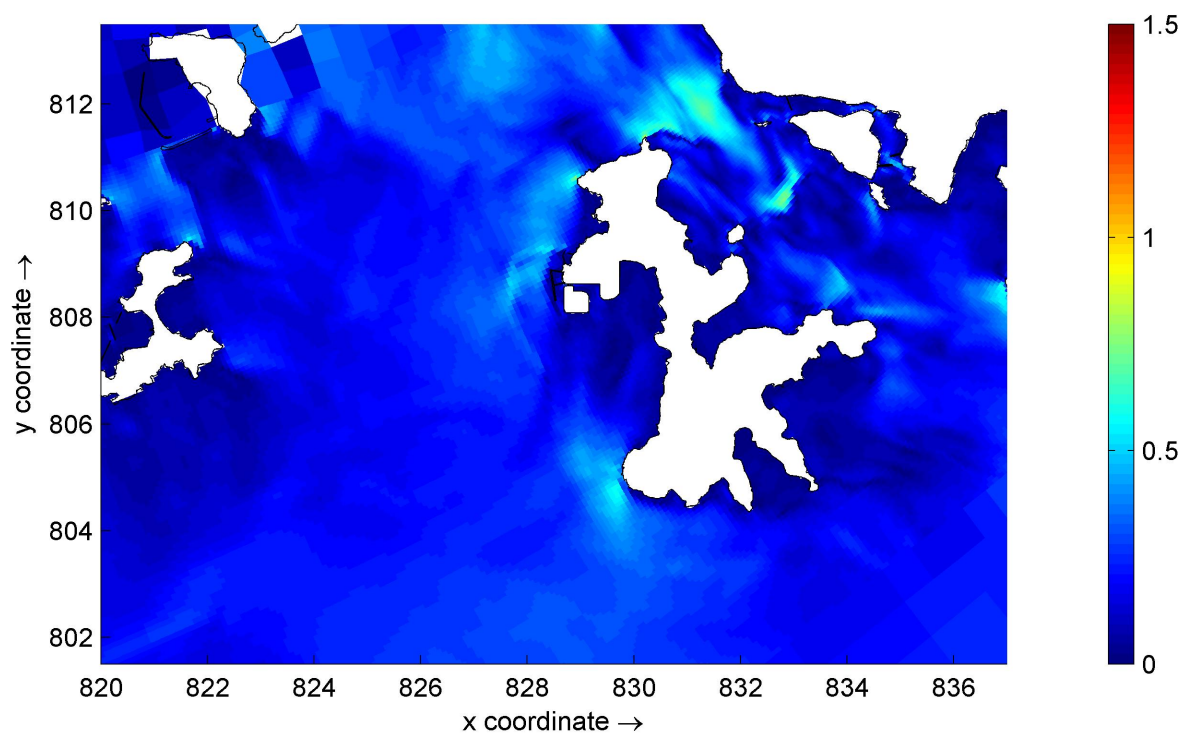
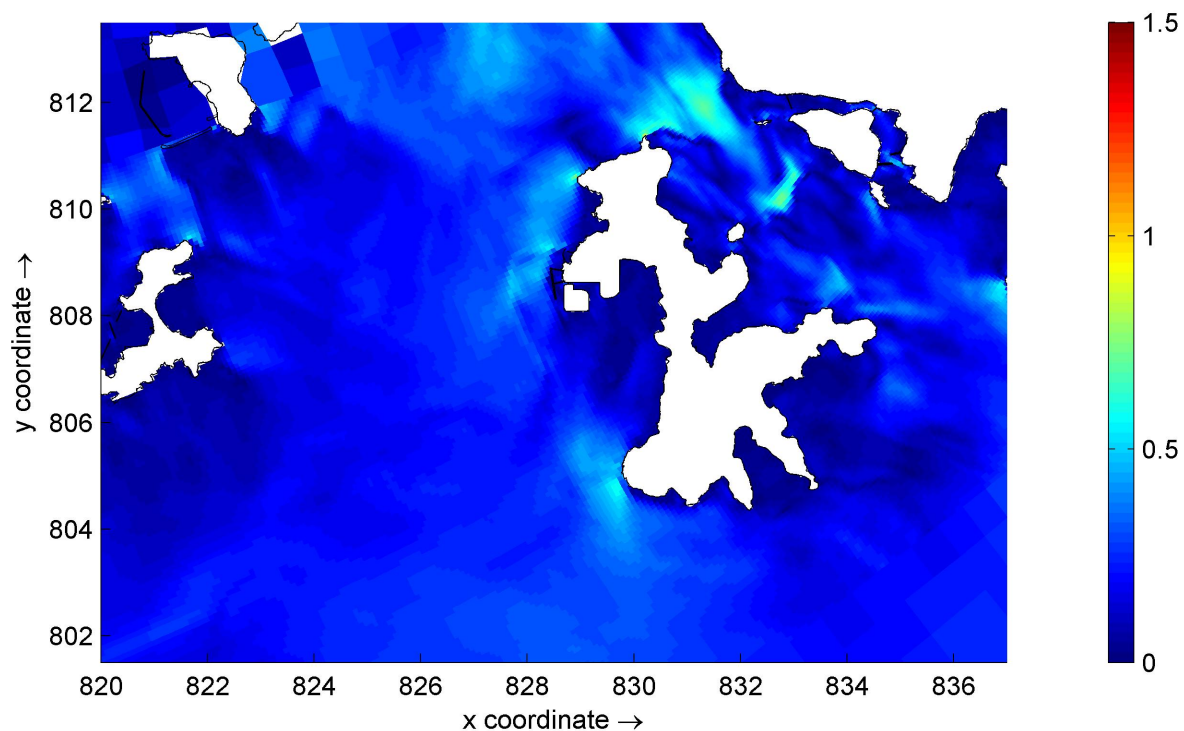
Before dredging v.s. After dredging, wet season
Plots of mid-depth horizontal current speed, ebb tide
(Top: Before dredging, Bottom: After dredging)

Figure 11

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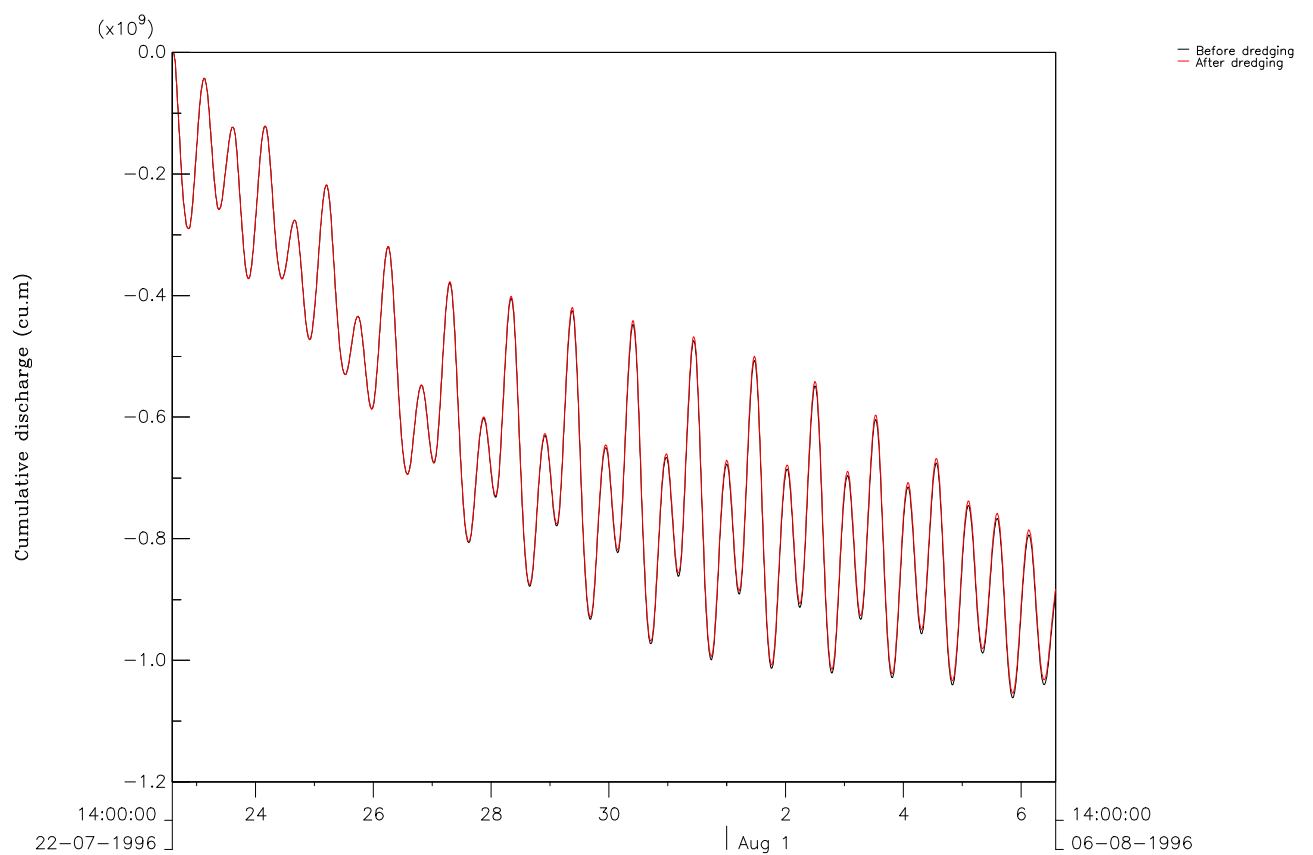
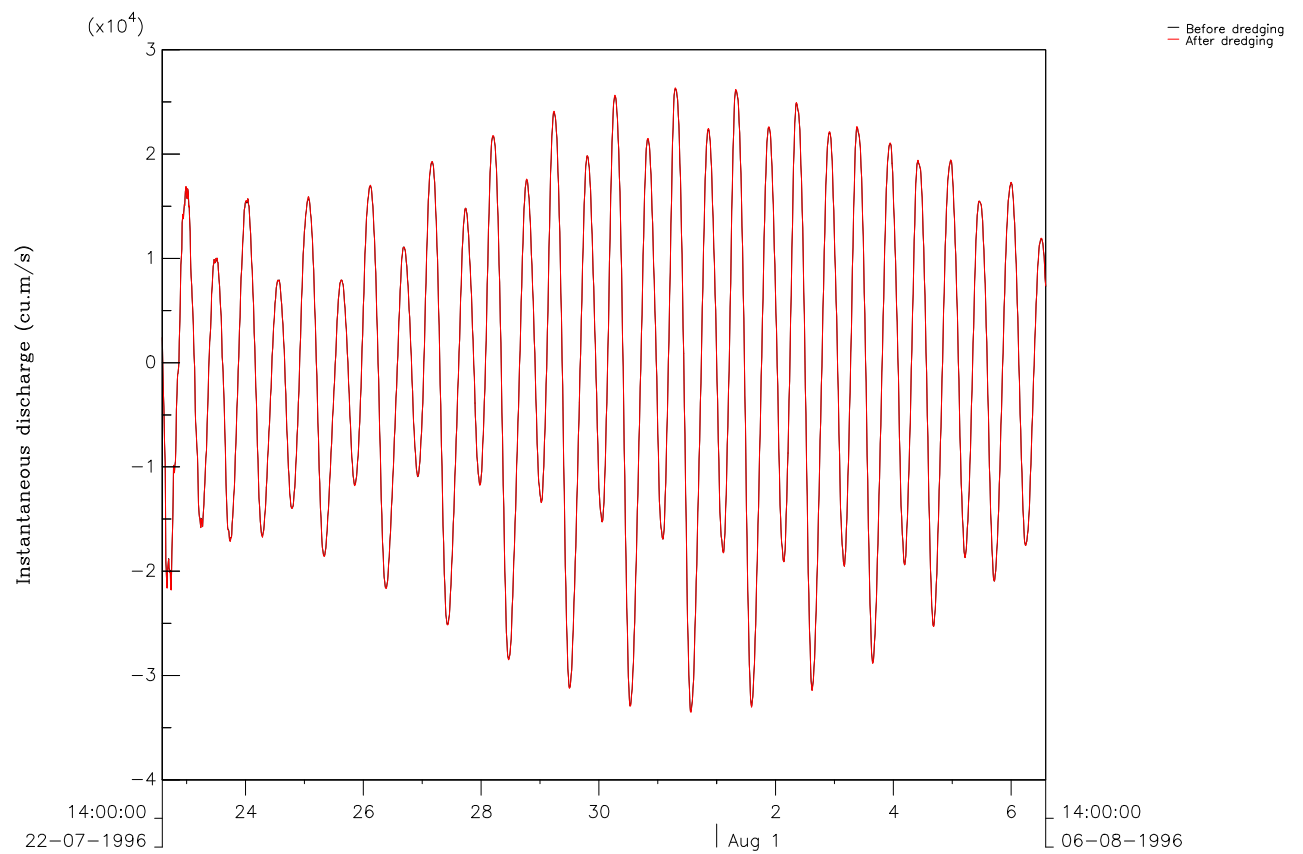
Before dredging v.s. After dredging, wet season
Plots of near bottom horizontal current speed, ebb tide
(Top: Before dredging, Bottom: After dredging)

Figure 12

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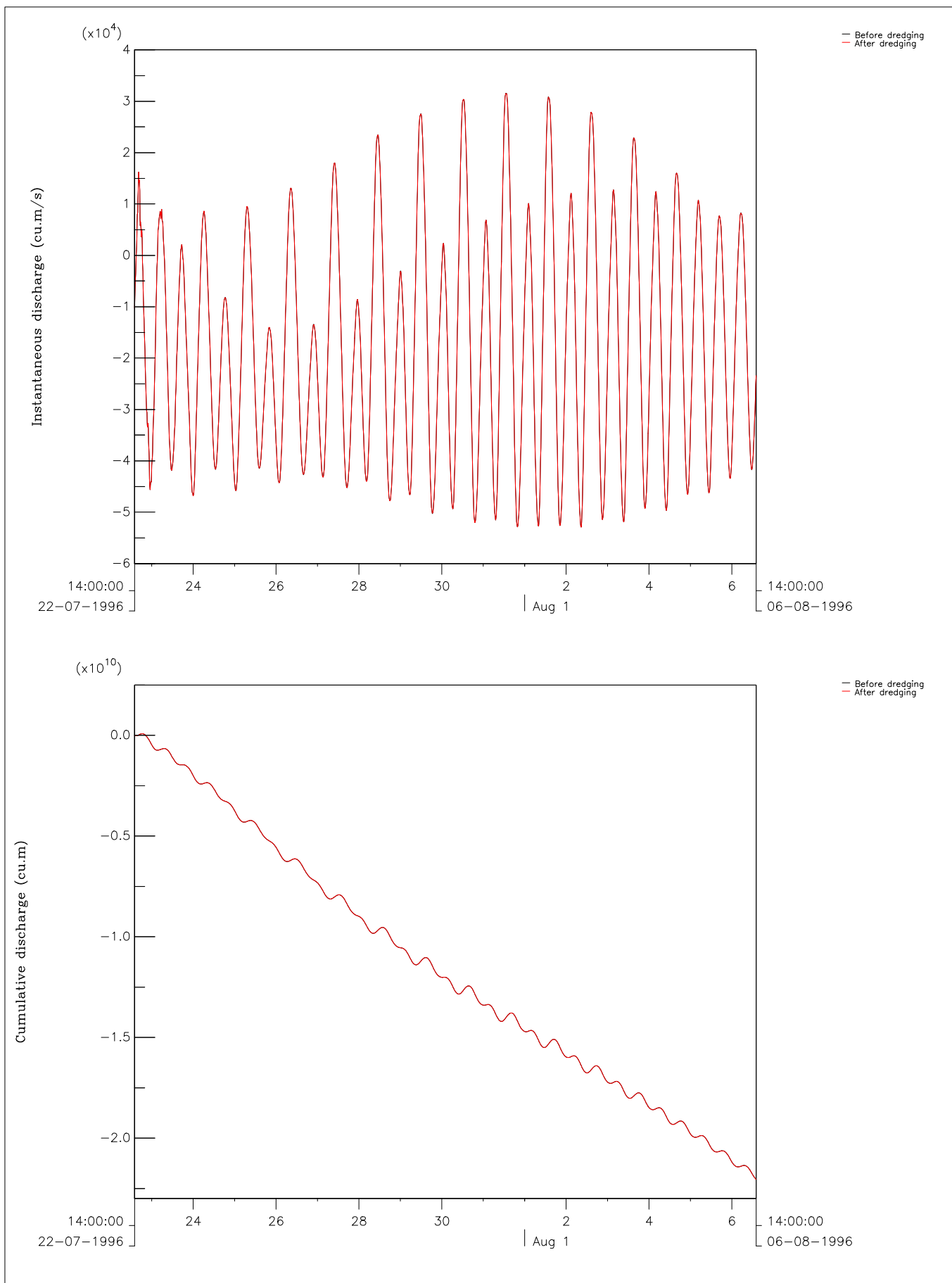
Before dredging v.s. After dredging
Time history of instantaneous and cumulative discharge, dry season
(Top: instantaneous, Bottom: cumulative)

Figure 13

West Lamma Channel

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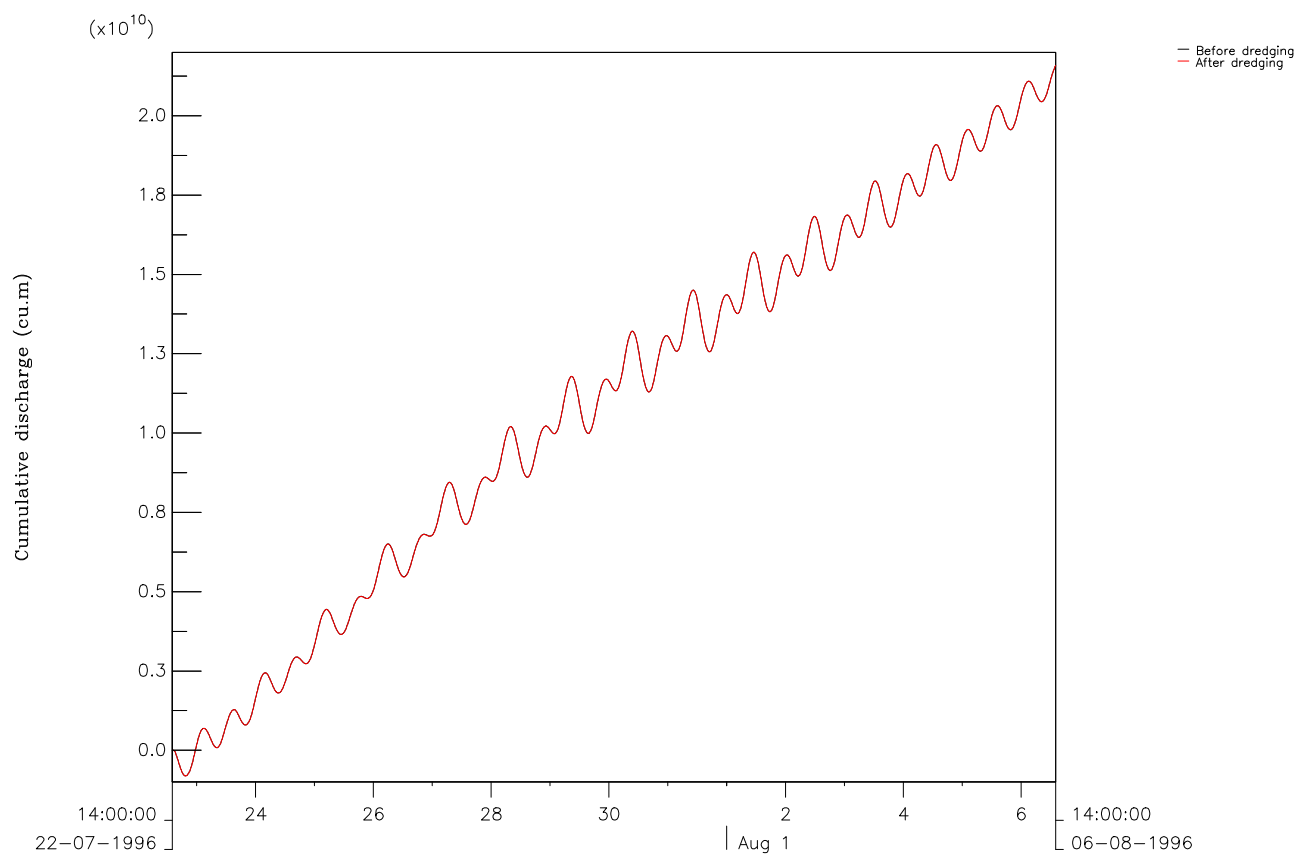
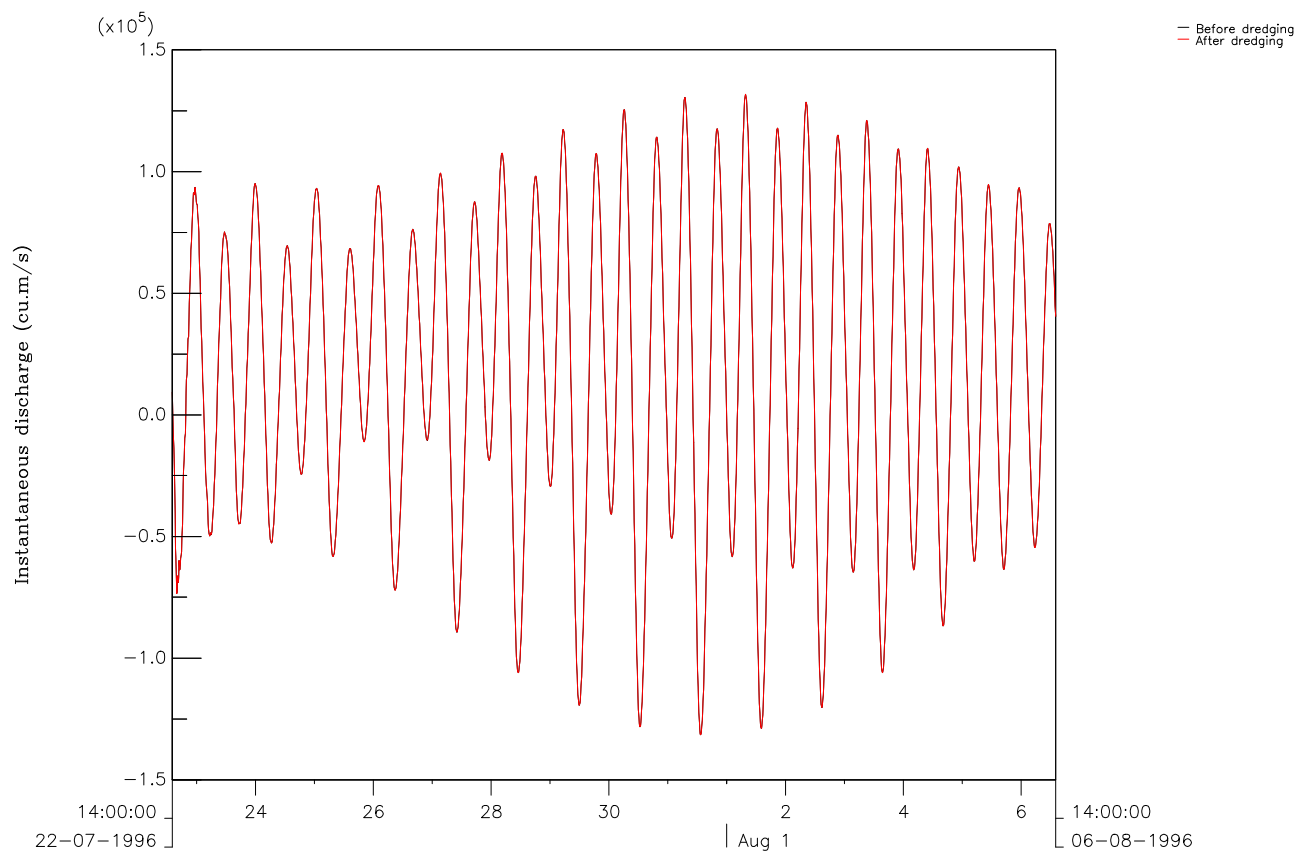
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Before dredging v.s. After dredging
 Time history of instantaneous and cumulative discharge, dry season
 (Top: instantaneous, Bottom: cumulative)

Figure 14

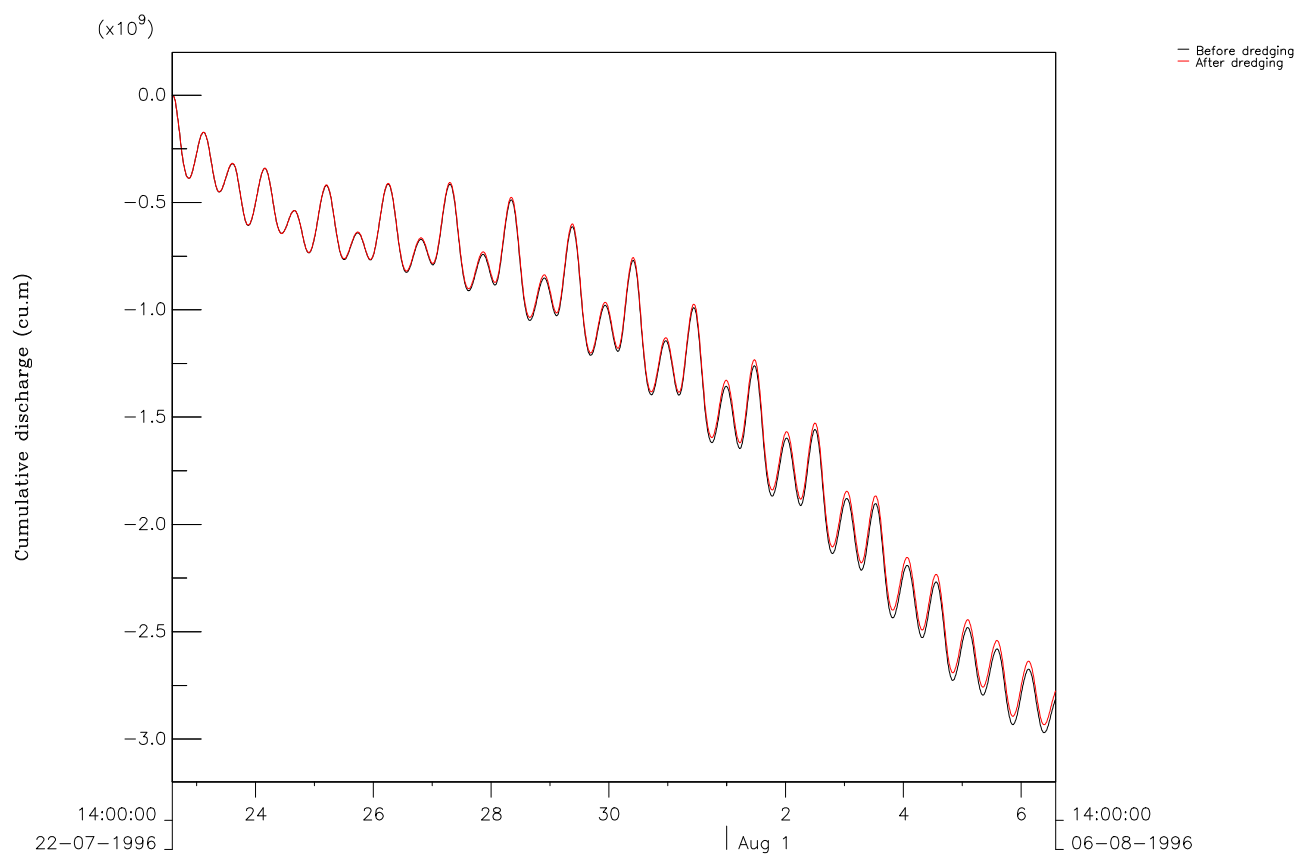
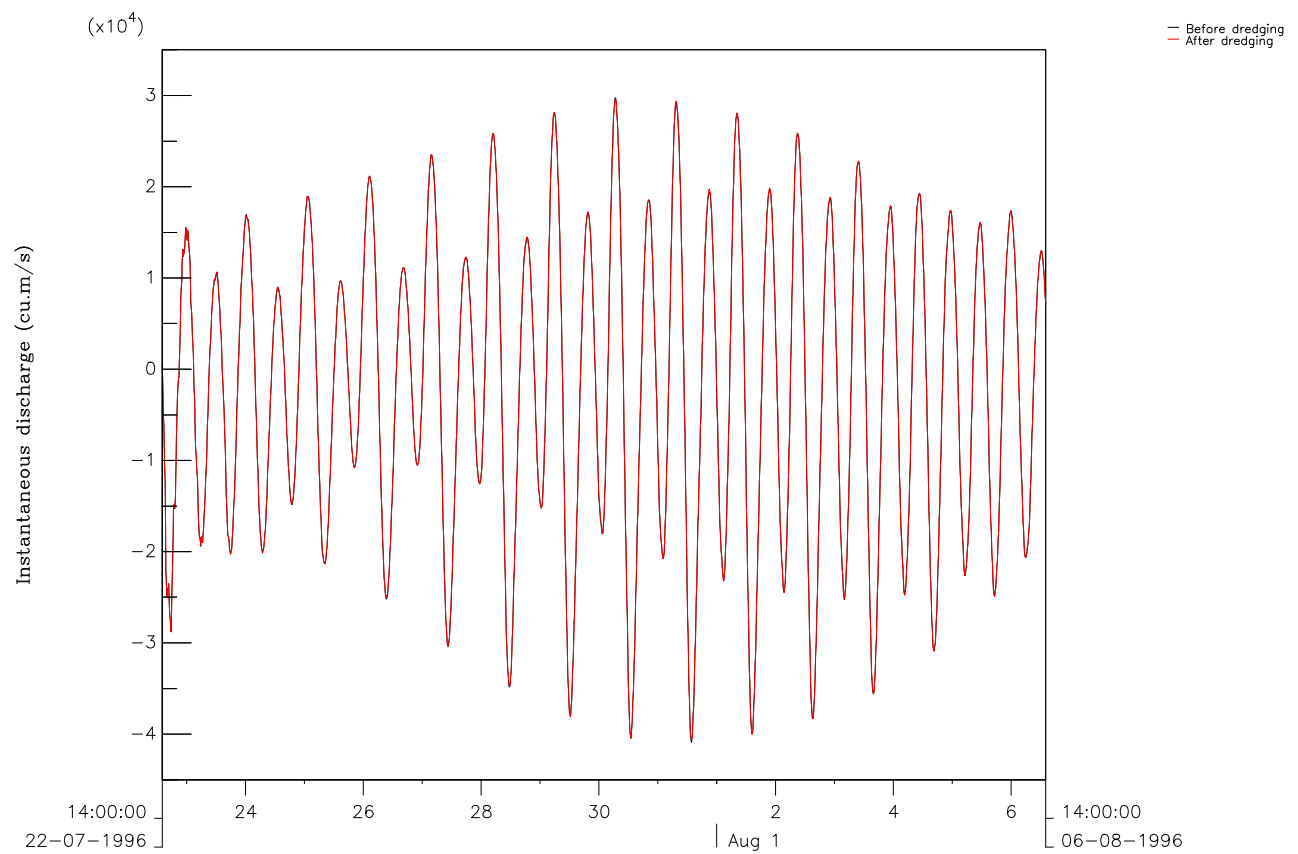
Lantau–Wailingding



Before dredging v.s. After dredging
Time history of instantaneous and cumulative discharge, dry season
(Top: instantaneous, Bottom: cumulative)

Figure 15

Lamma South



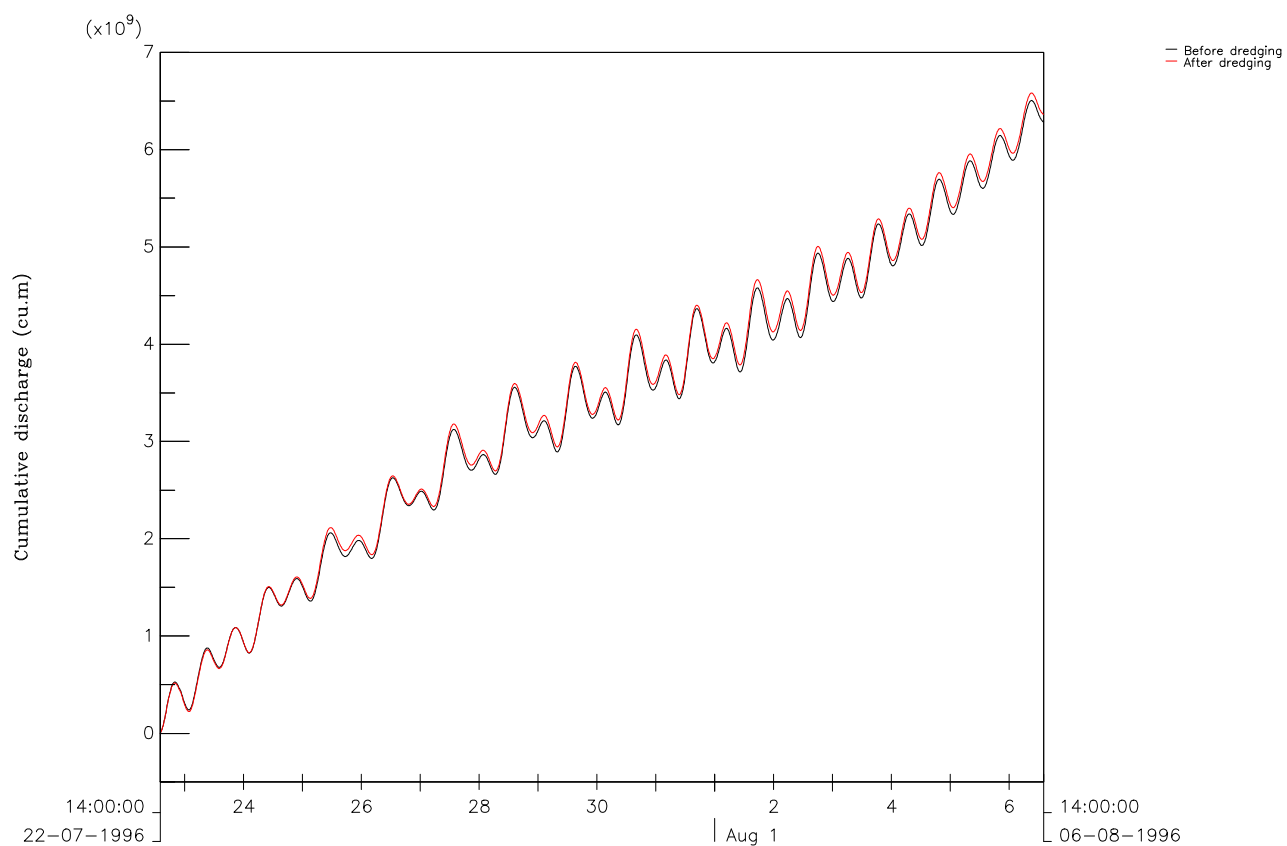
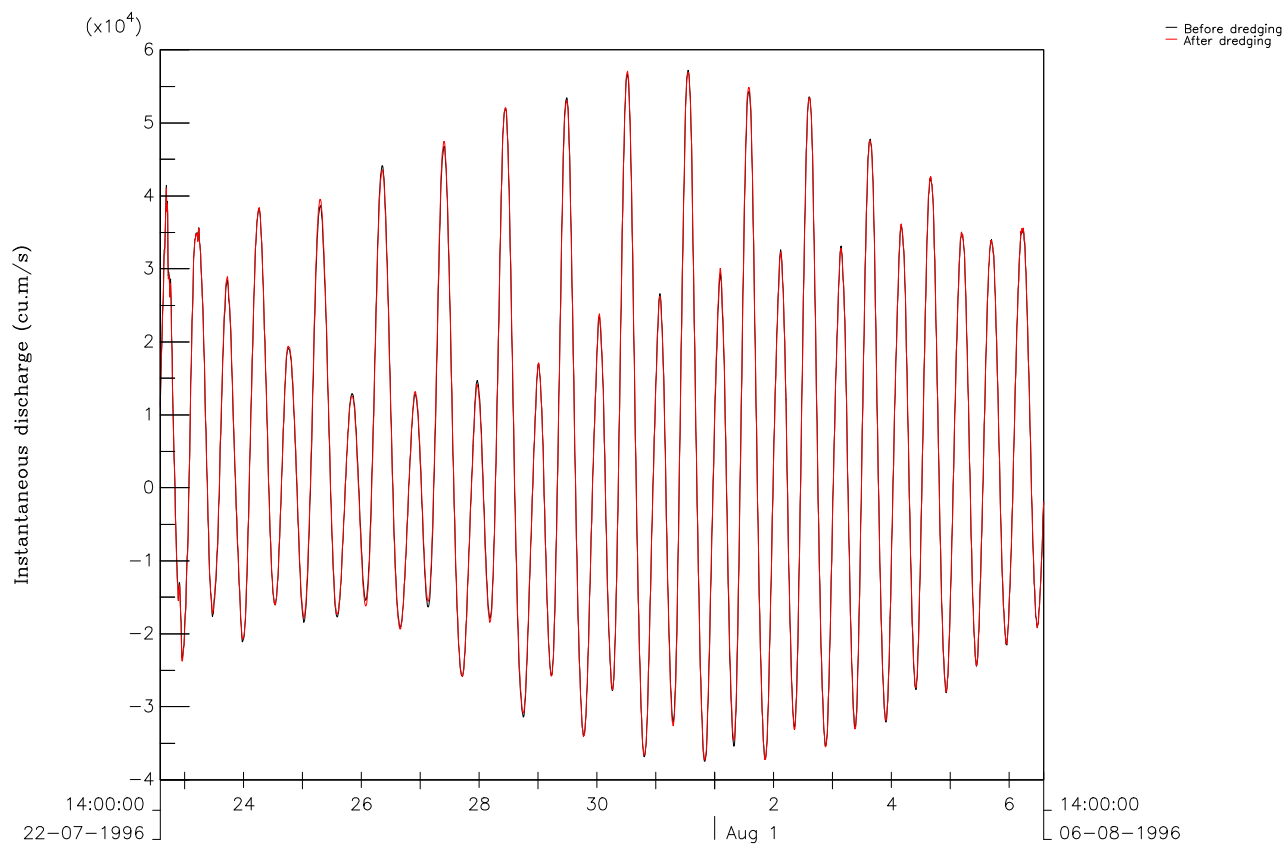
Before dredging v.s. After dredging
Time history of instantaneous and cumulative discharge, wet season
(Top: instantaneous, Bottom: cumulative)

Figure 16

West Lamma Channel

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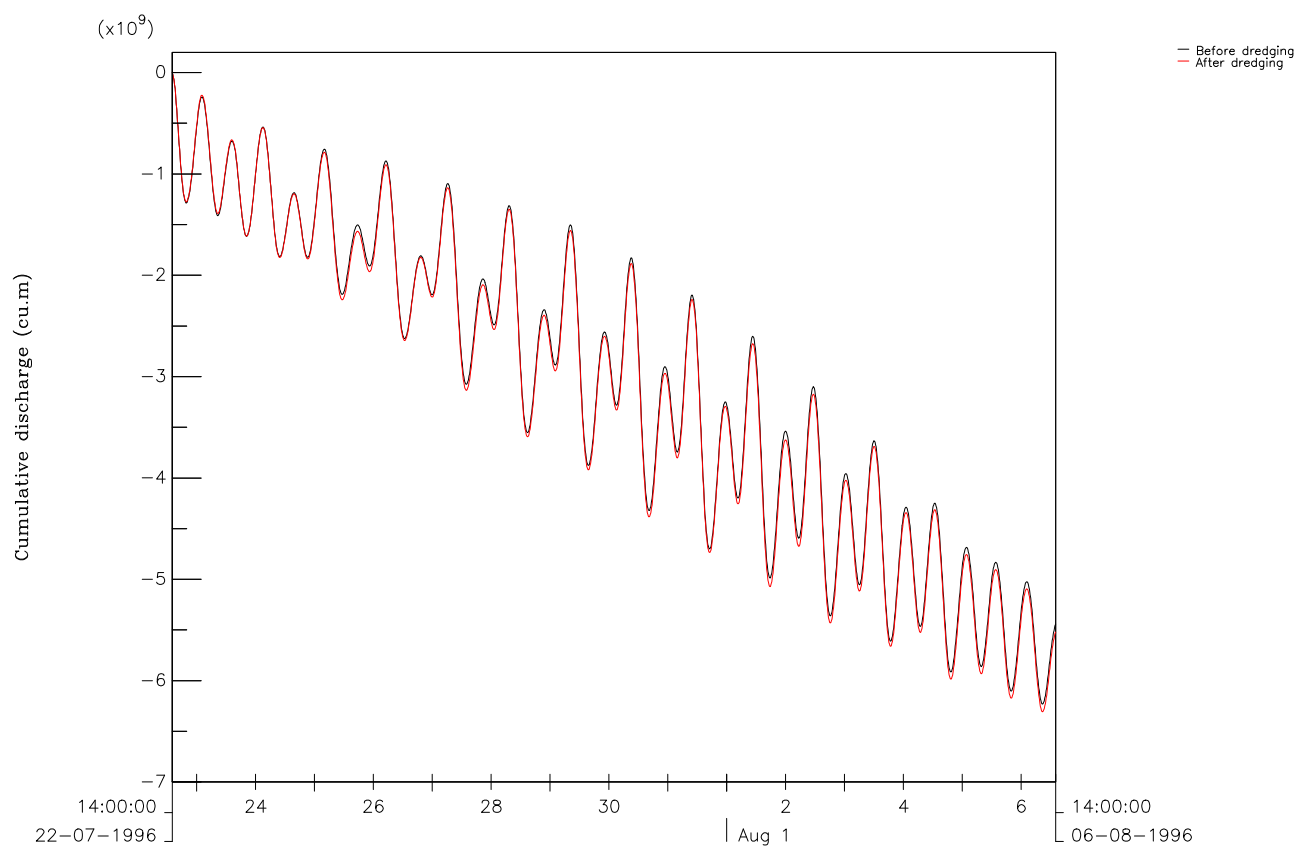
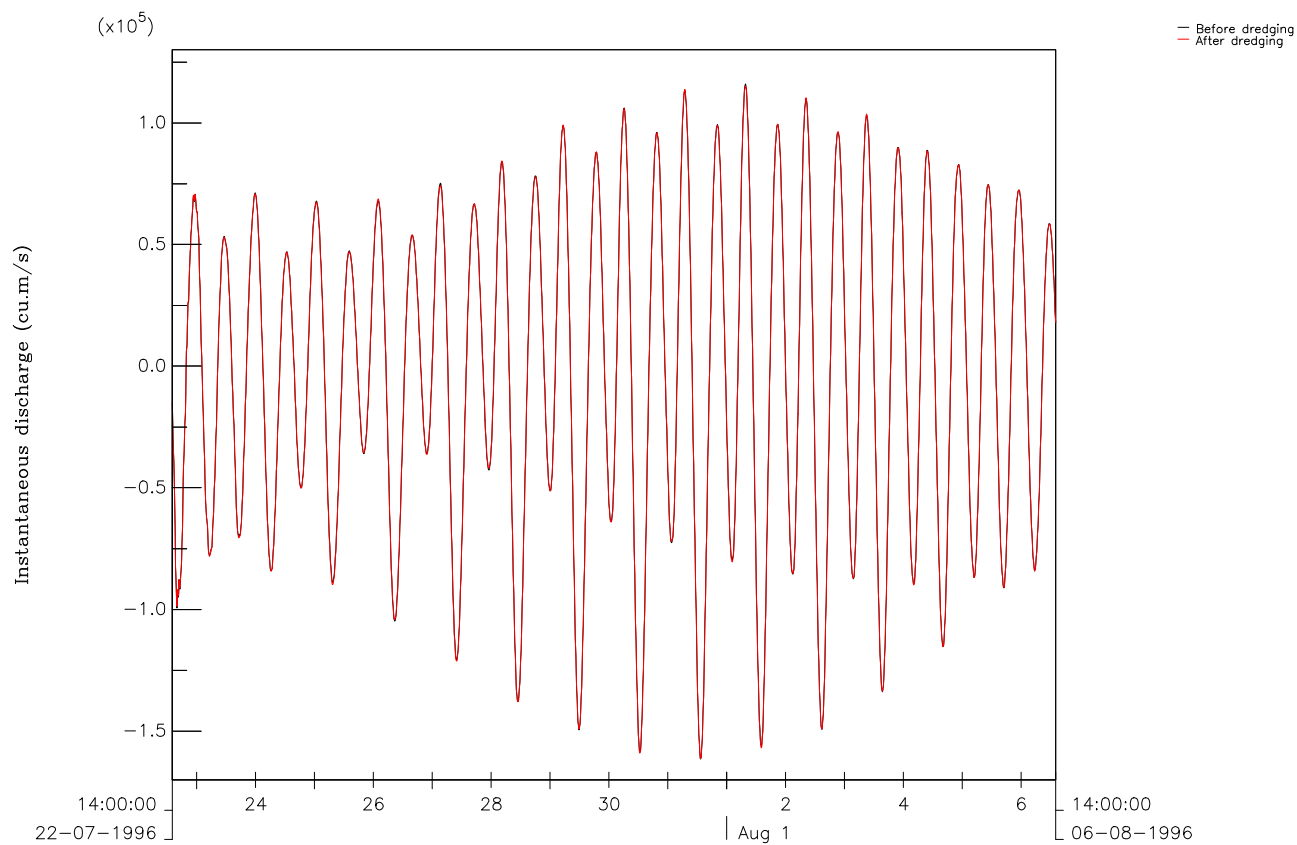
Before dredging v.s. After dredging
Time history of instantaneous and cumulative discharge, wet season
(Top: instantaneous, Bottom: cumulative)

Figure 17

Lantau-Wailingding

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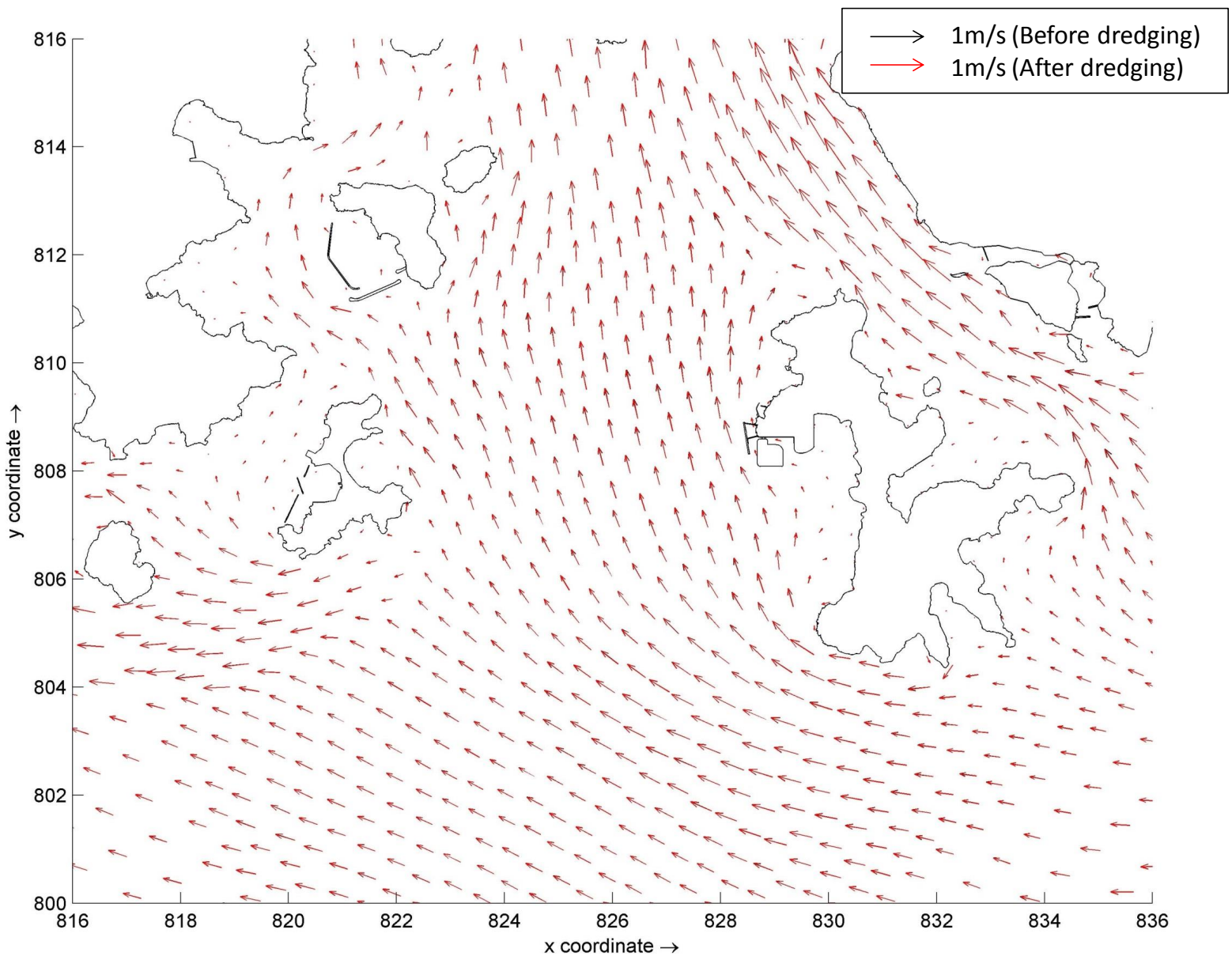
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Before dredging v.s. After dredging
Time history of instantaneous and cumulative discharge, wet season
(Top: instantaneous, Bottom: cumulative)

Figure 18

Lamma South



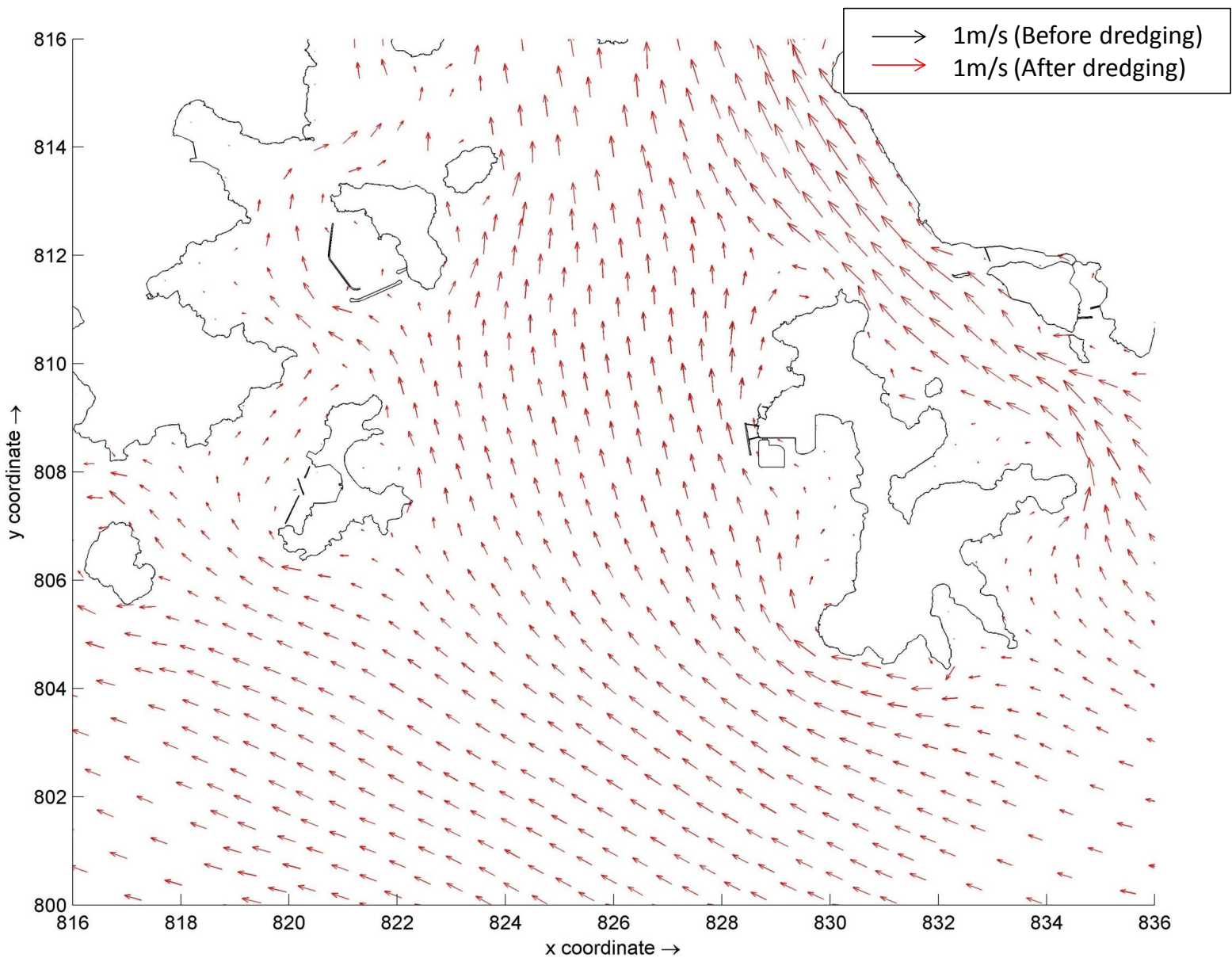
Before dredging v.s. After dredging, dry season
Vector plot of near surface horizontal velocity, flood tide

Figure 019

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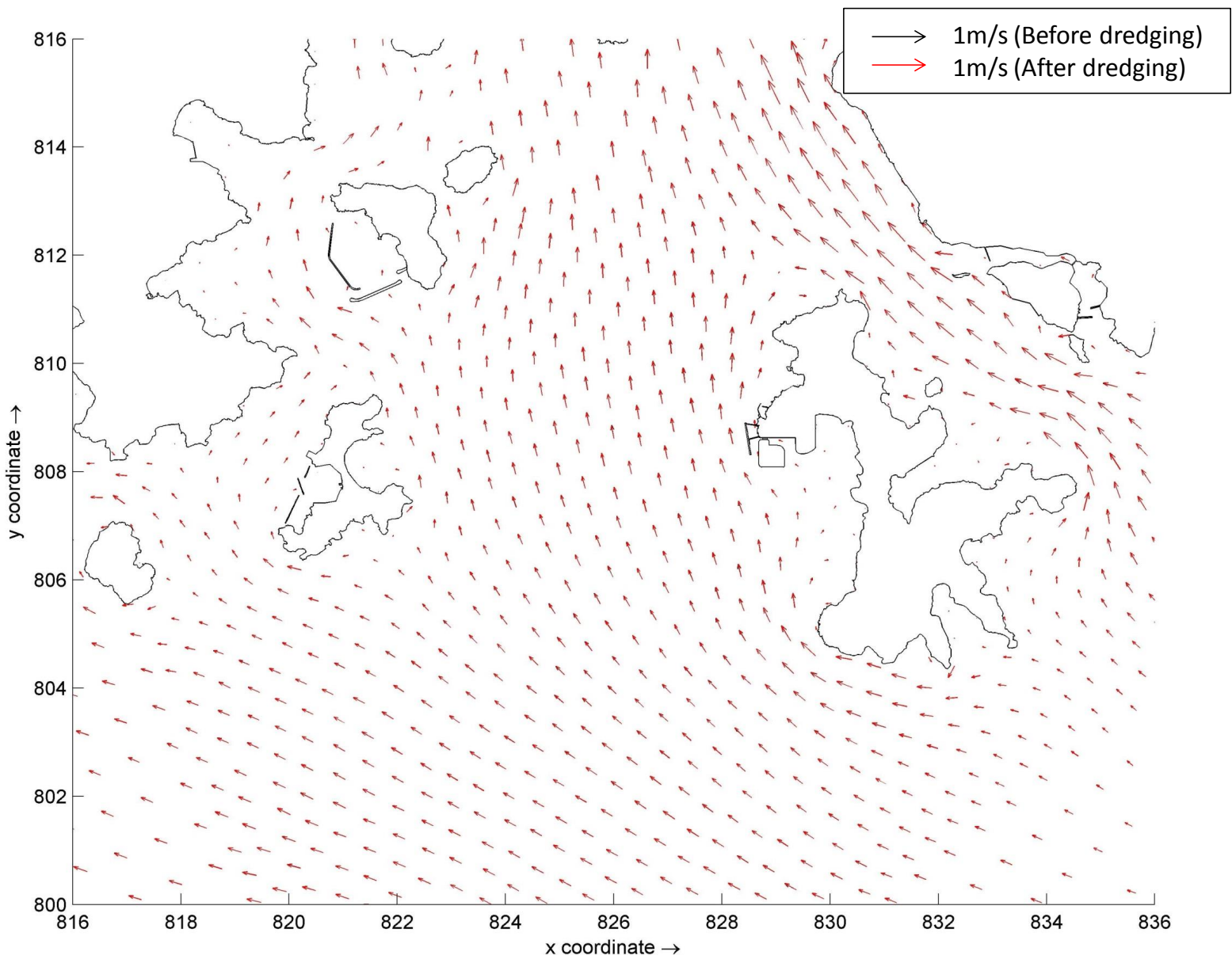
Before dredging v.s. After dredging, dry season
Vector plot of mid-depth horizontal velocity, flood tide

Figure 020

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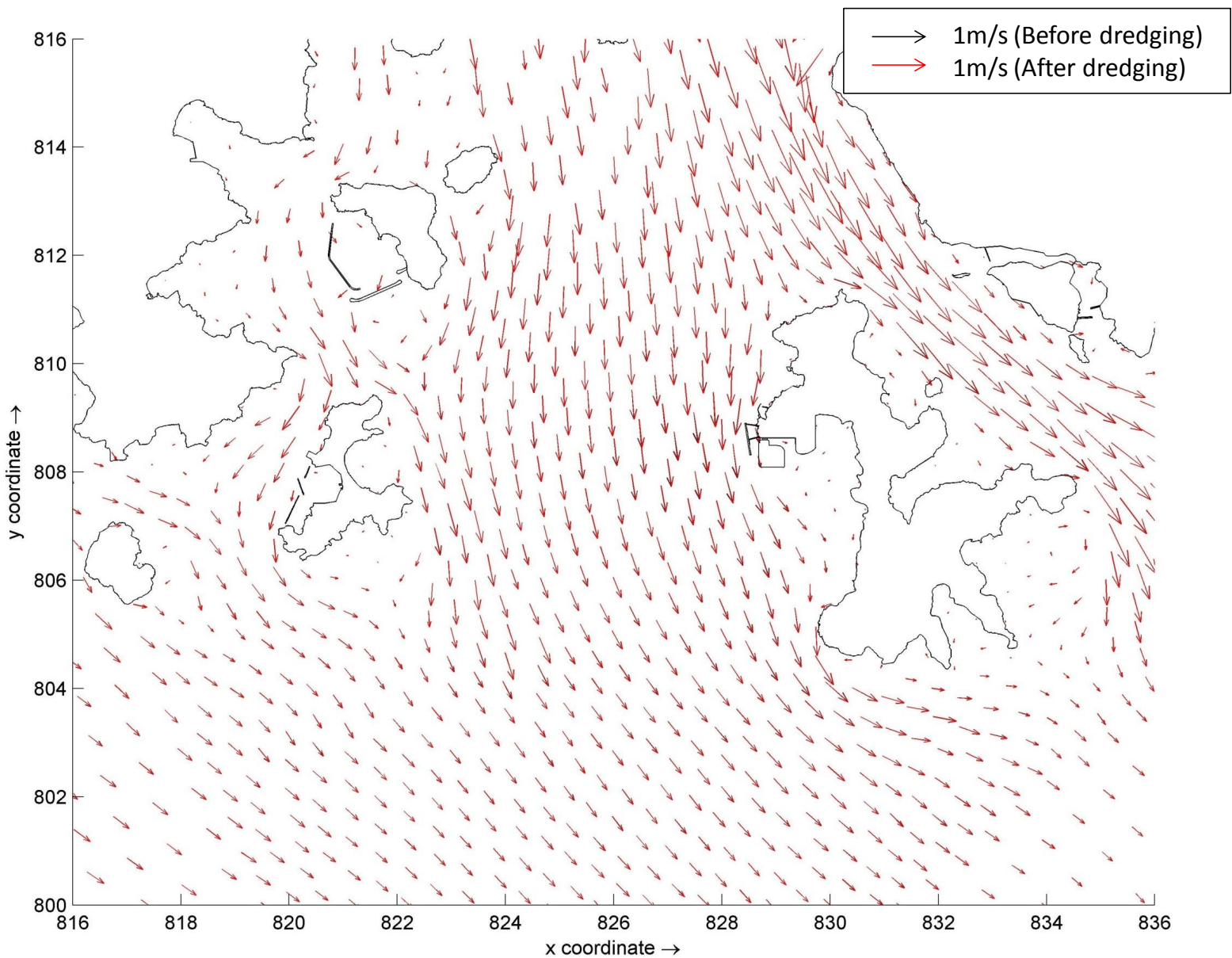
Before dredging v.s. After dredging, dry season
Vector plot of near bottom horizontal velocity, flood tide

Figure 021

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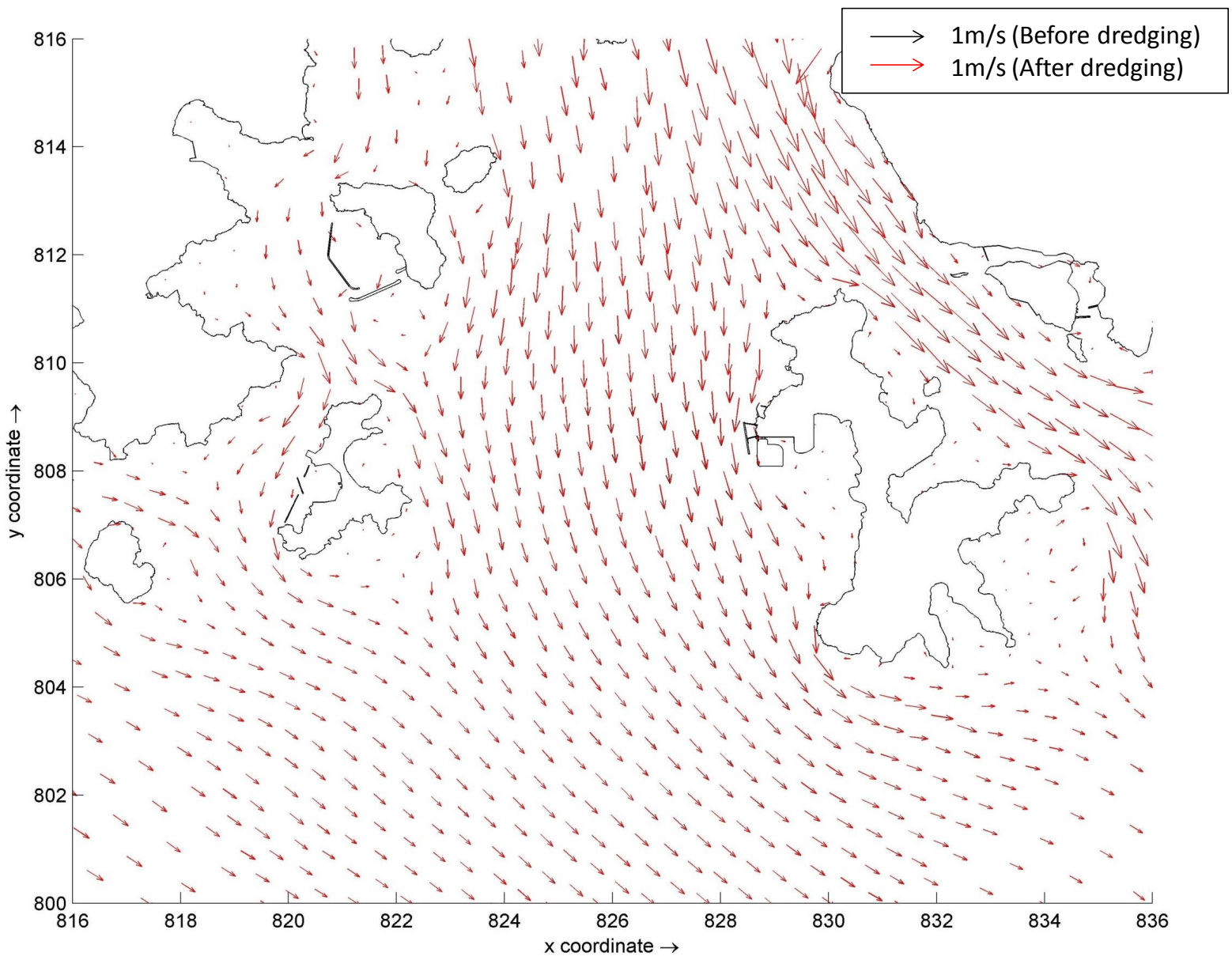
Before dredging v.s. After dredging, dry season

Figure 022

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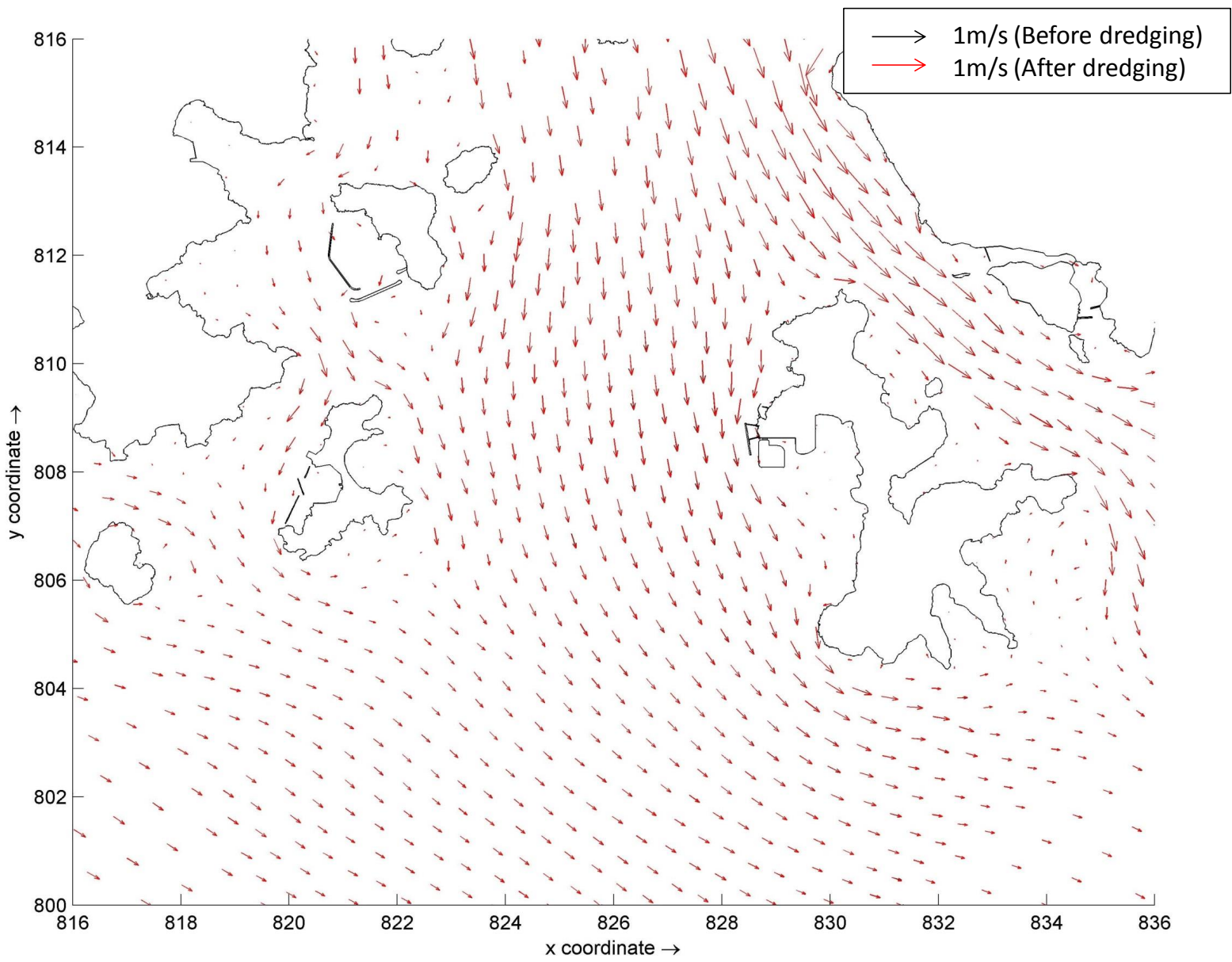
Before dredging v.s. After dredging, dry season
Vector plot of mid-depth horizontal velocity, ebb tide

Figure 023

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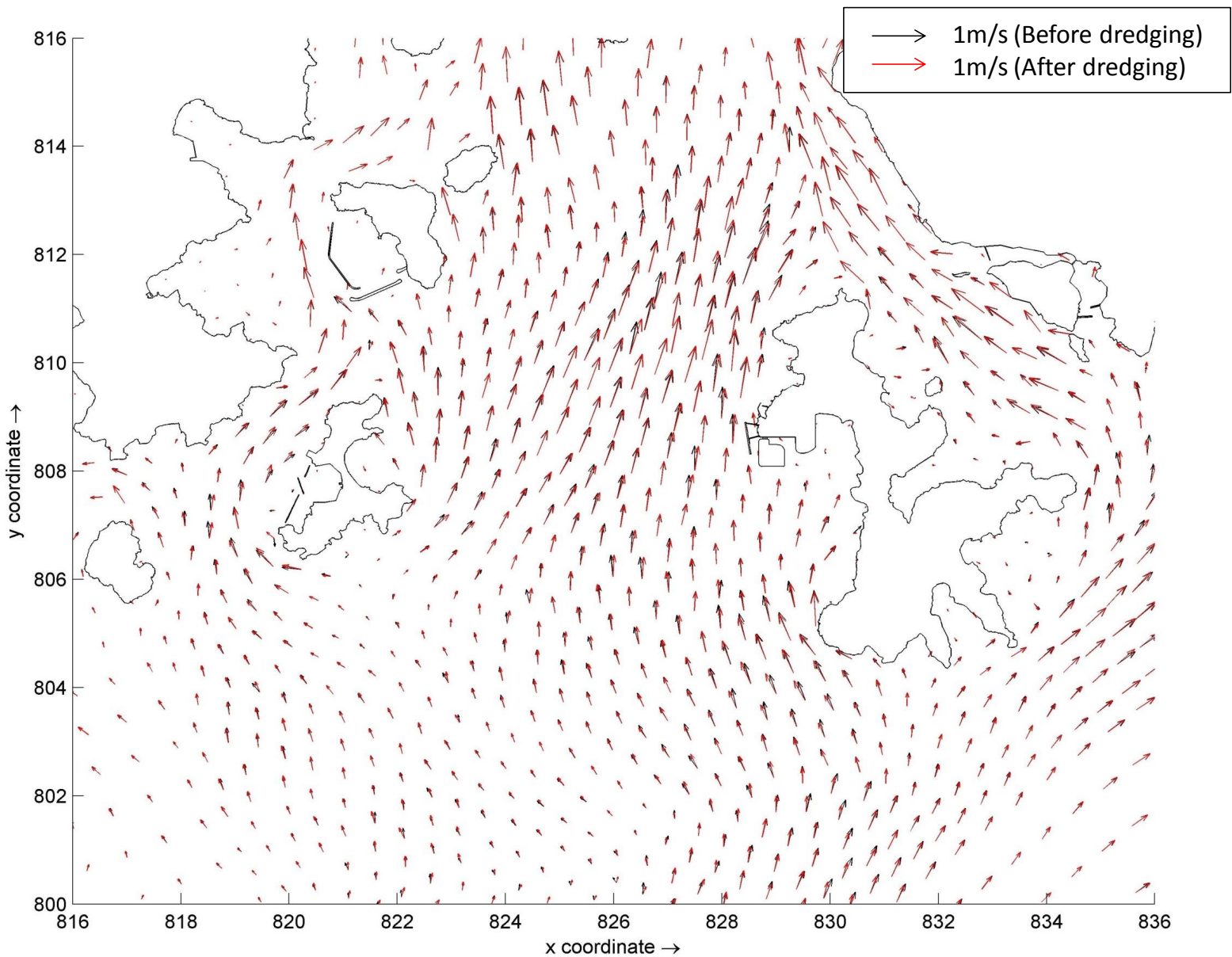
Before dredging v.s. After dredging, dry season
Vector plot of near bottom horizontal velocity, ebb tide

Figure 024

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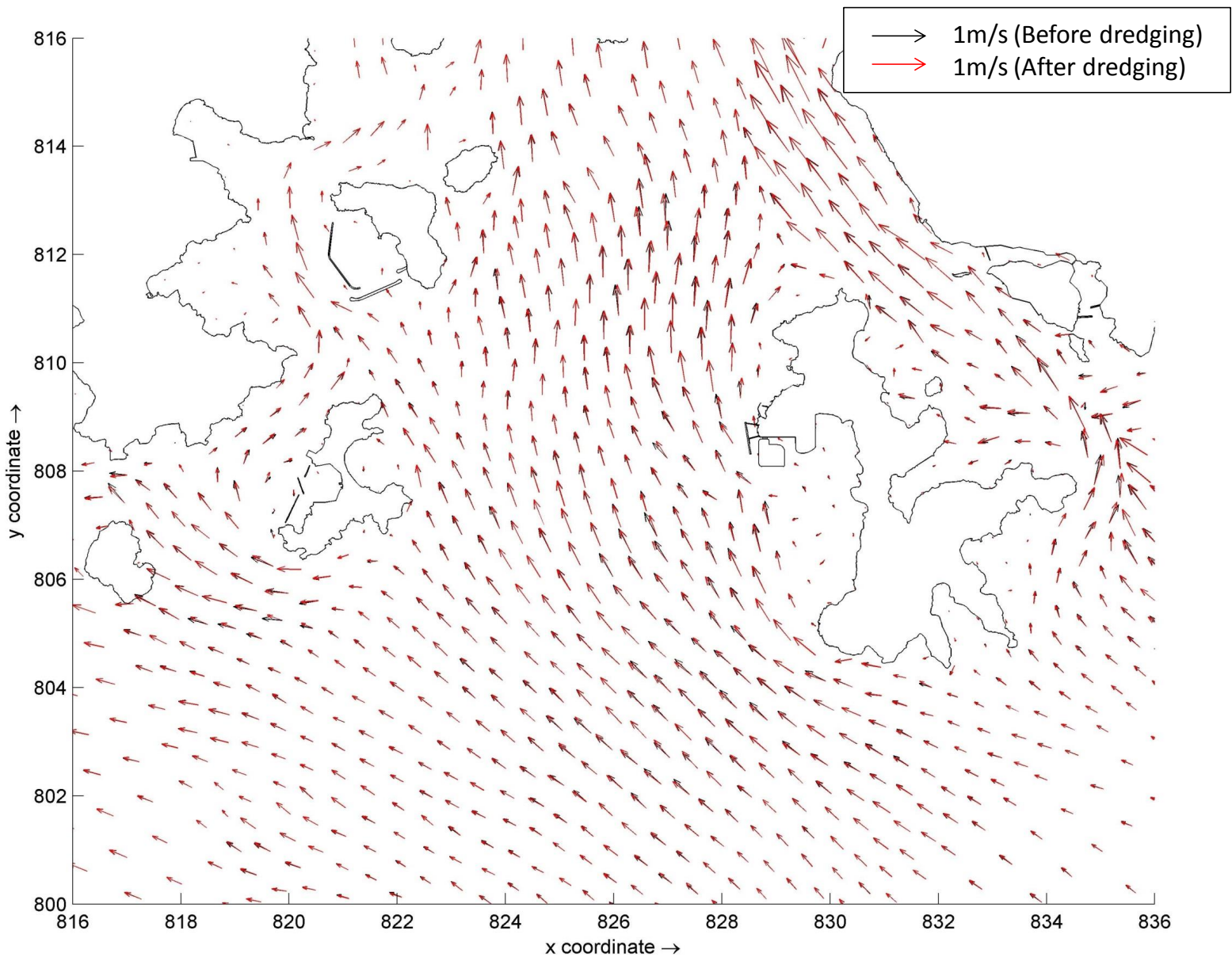
Before dredging v.s. After dredging, wet season
Vector plot of near surface horizontal velocity, flood tide

Figure 025

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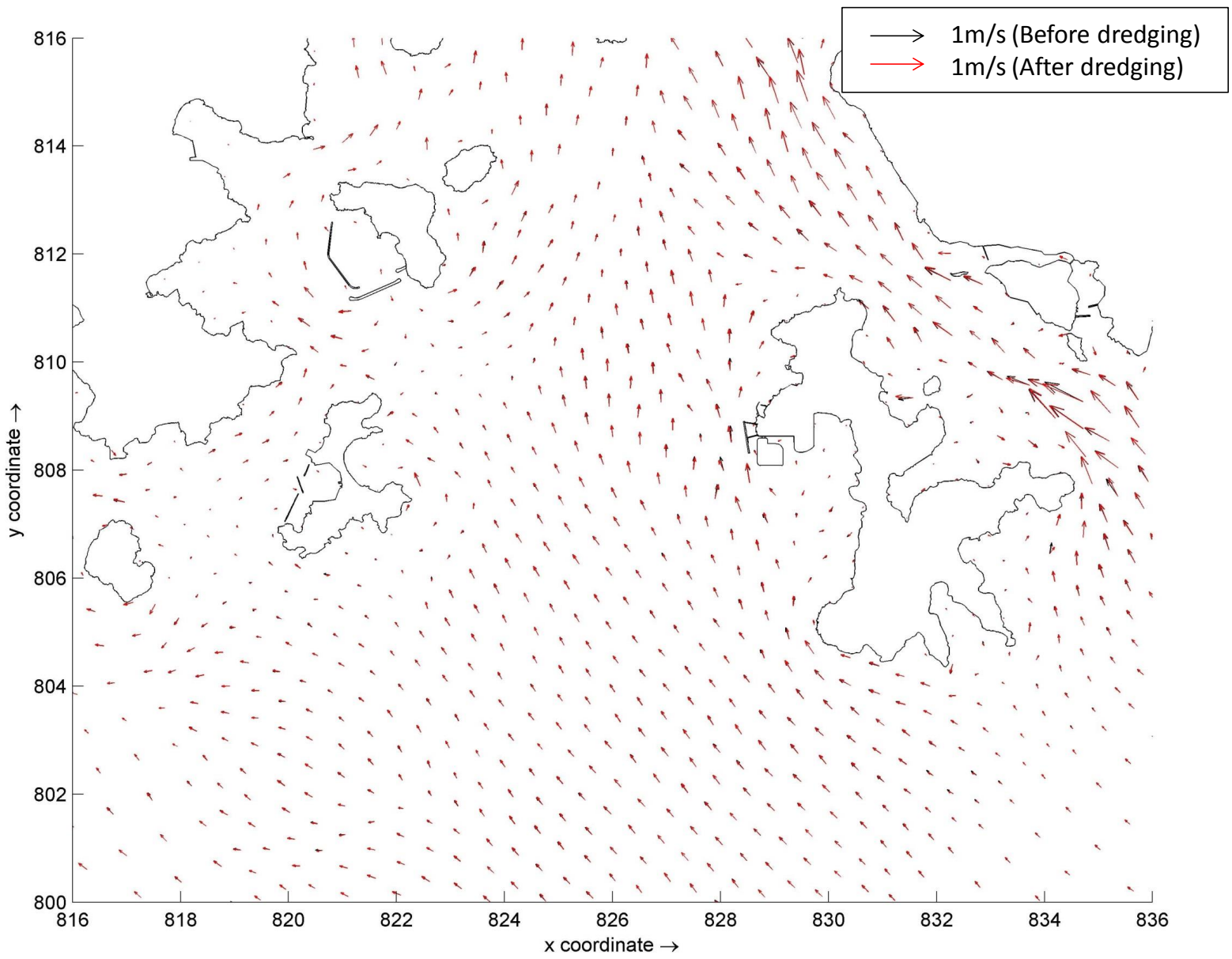
Before dredging v.s. After dredging, wet season
Vector plot of mid-depth horizontal velocity, flood tide

Figure 026

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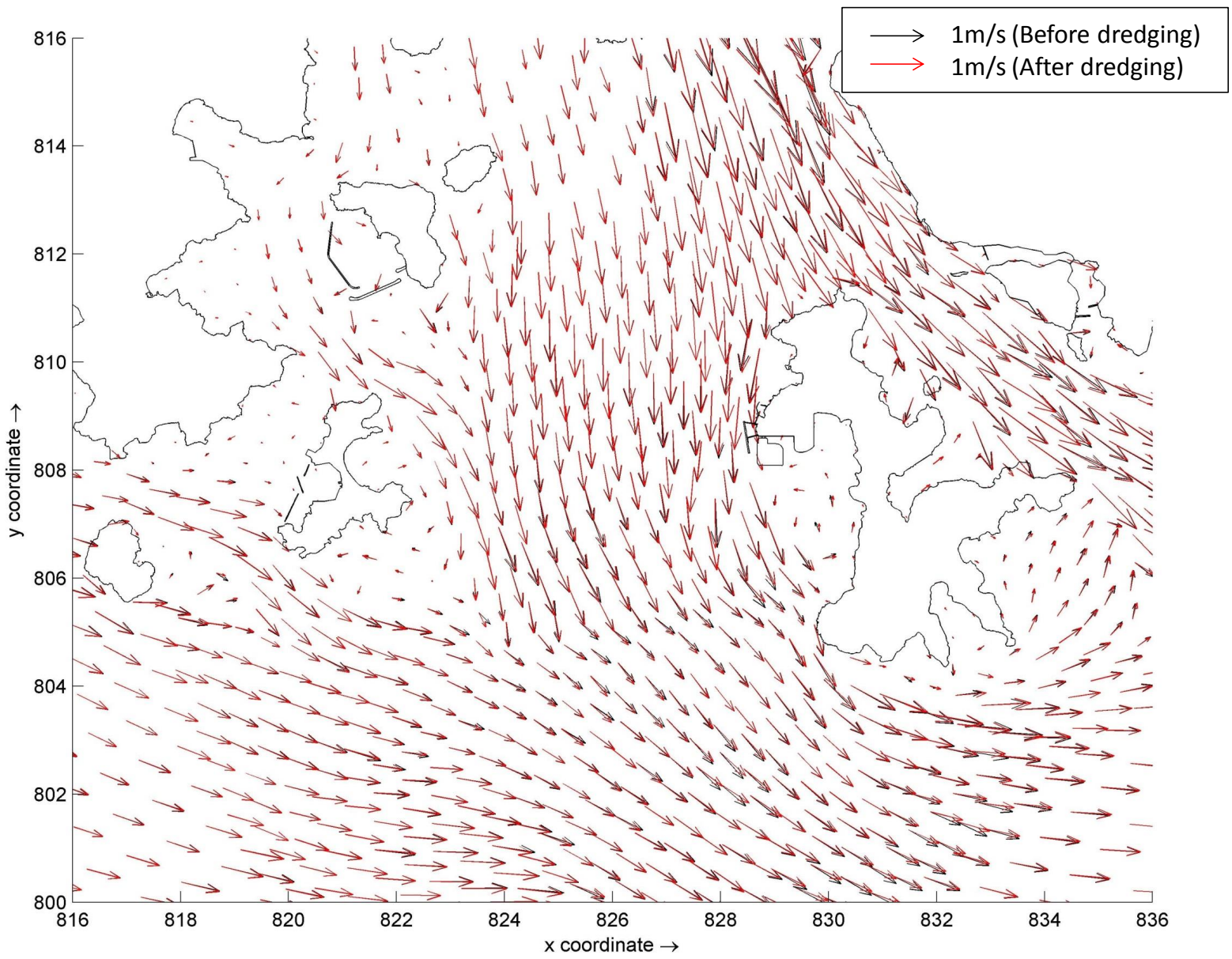
Before dredging v.s. After dredging, wet season
Vector plot of near bottom horizontal velocity, flood tide

Figure 027

30 July 06:40

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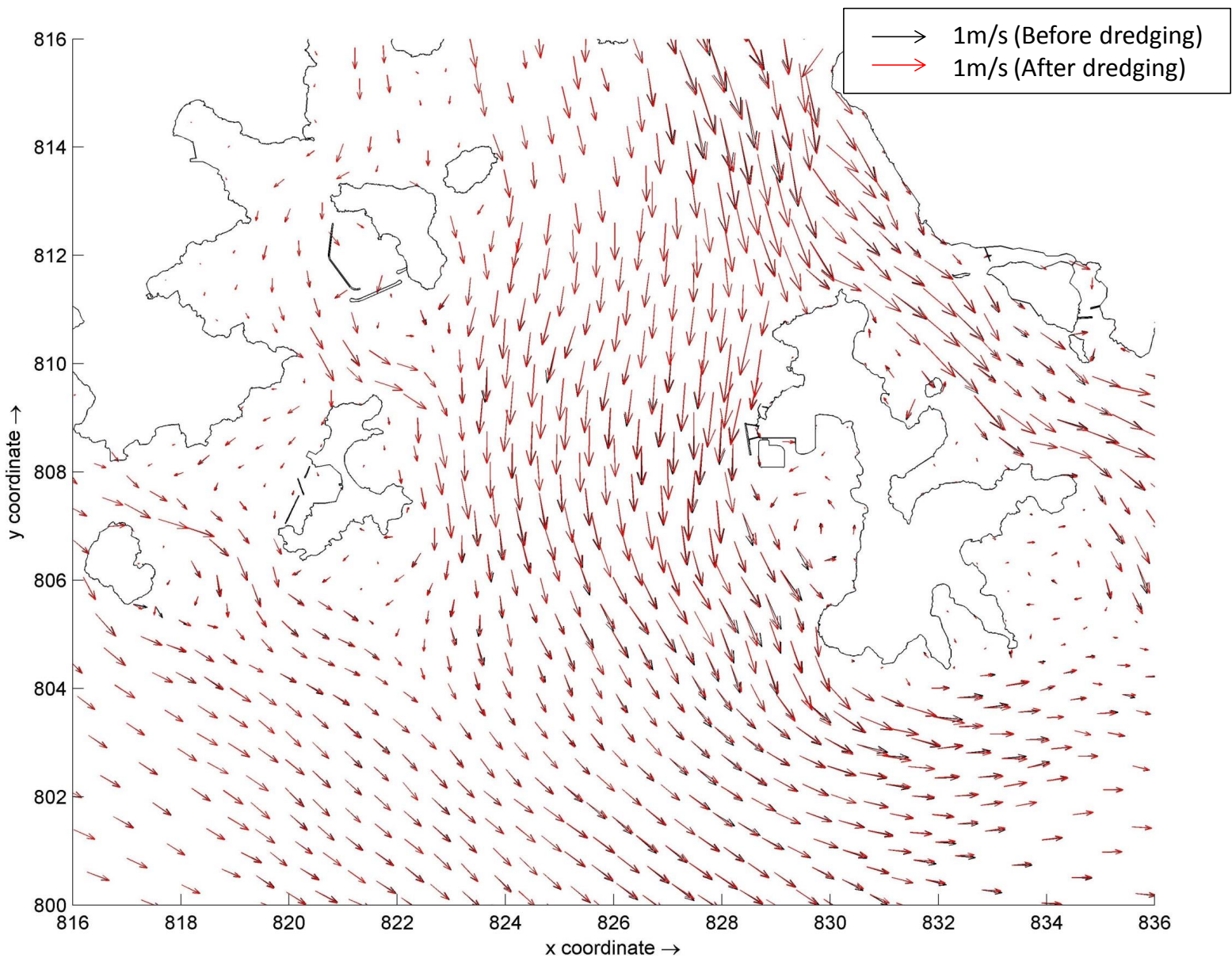
Before dredging v.s. After dredging, wet season
Vector plot of near surface horizontal velocity, ebb tide

Figure 028

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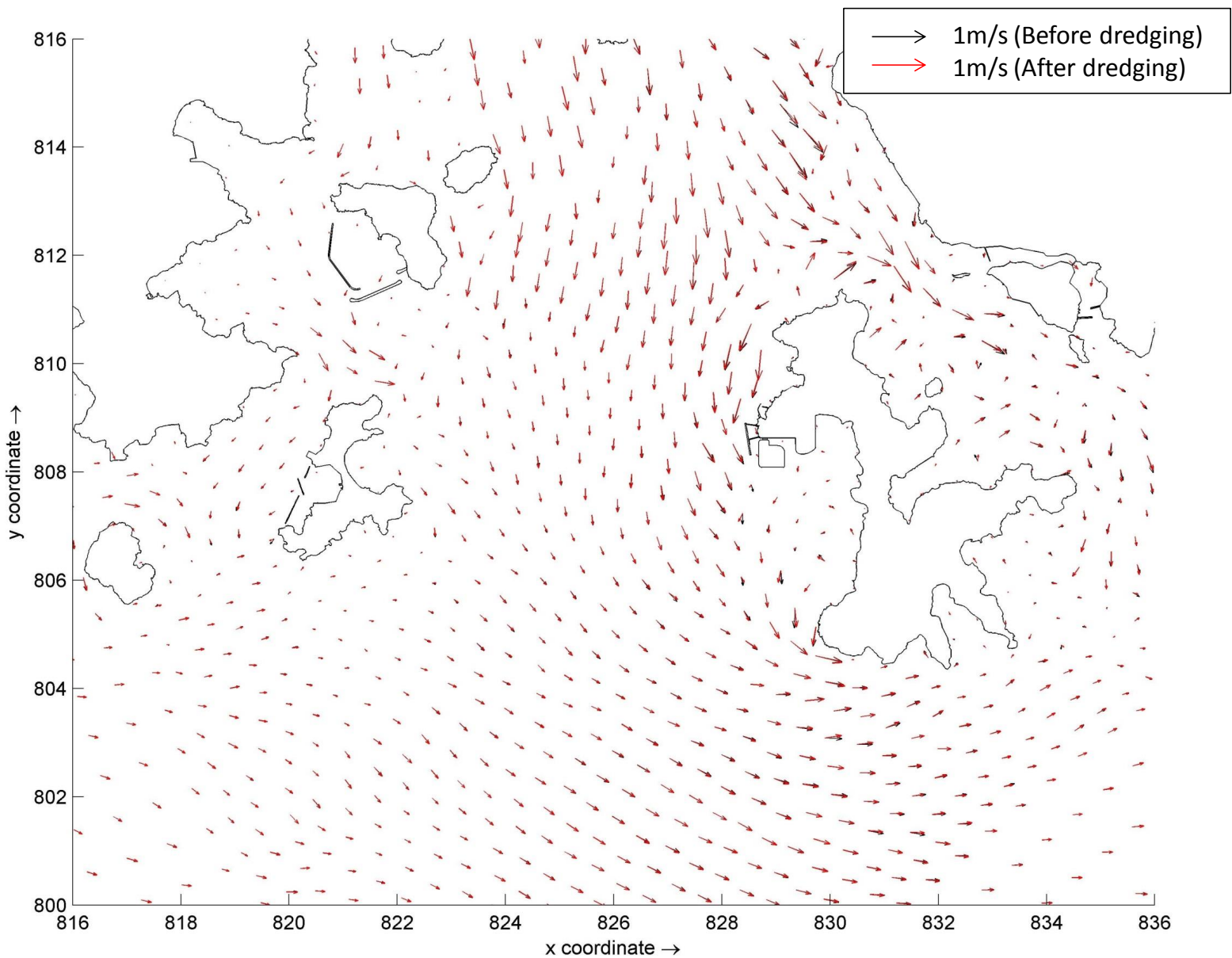
Before dredging v.s. After dredging, wet season
Vector plot of mid-depth horizontal velocity, ebb tide

Figure 029

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Before dredging v.s. After dredging, wet season
Vector plot of near bottom horizontal velocity, ebb tide

Figure 030

31 July 13:20

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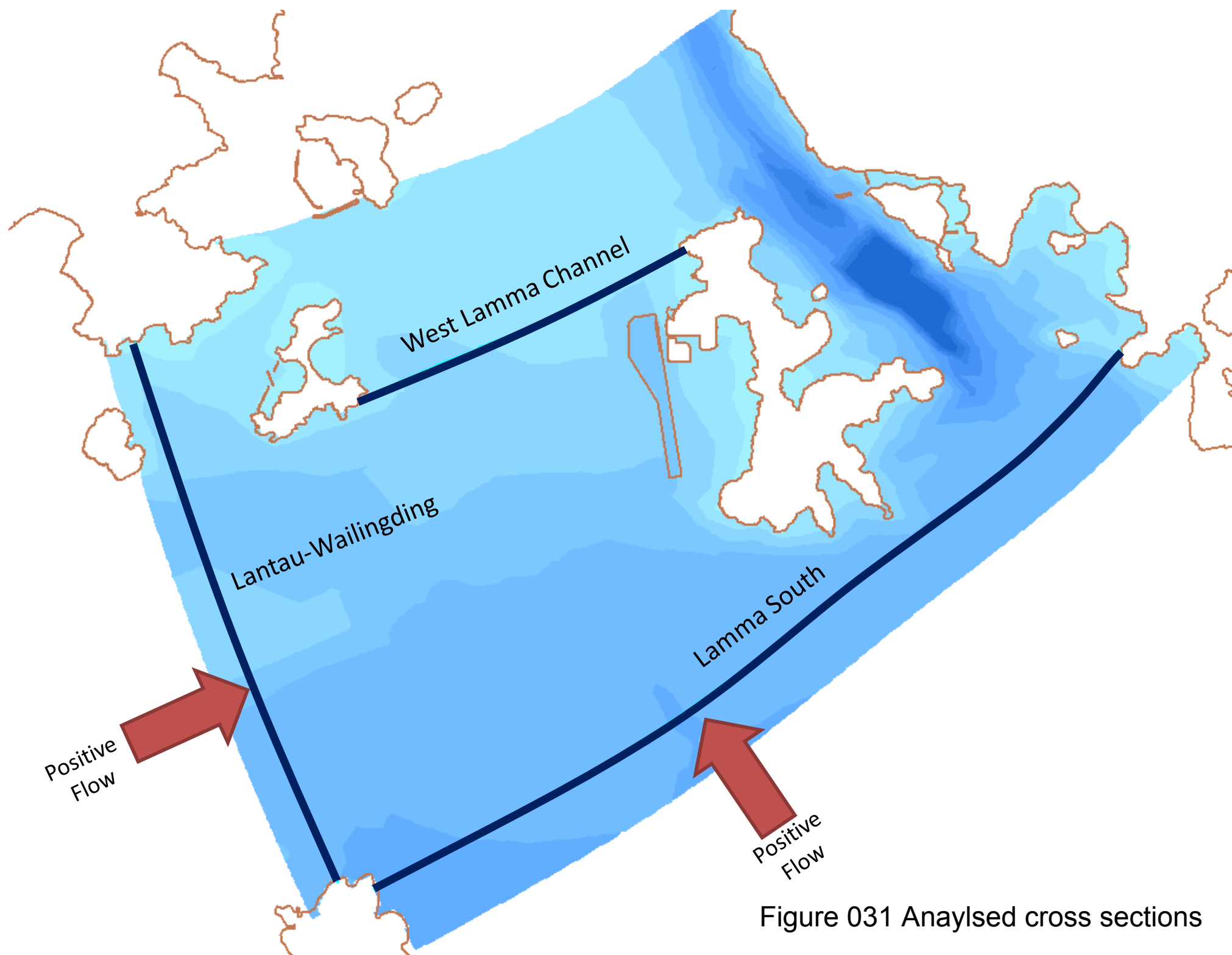


Figure 031 Anaylsed cross sections