

# XBeach skillbed cartoon

status update

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## **XBeach skillbed cartoon**

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# Chapter 1

## Binary "netcdf"

### 1.1 Type "custom"

#### 1.1.1 Test "1953\_storm\_surge"

##### 1.1.1.1 Run "default"

#### 1.1.2 Test "1976\_storm\_surge"

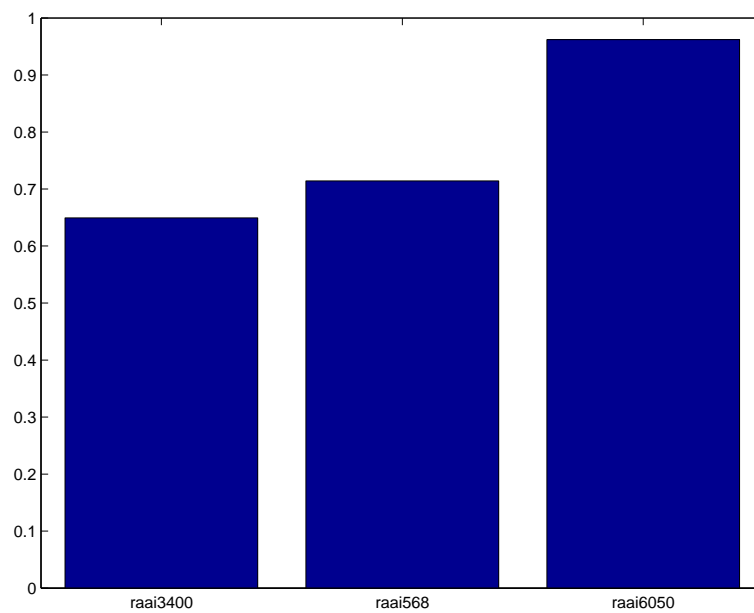


Figure 1.1

1.1.2.1 Run "raai3400"

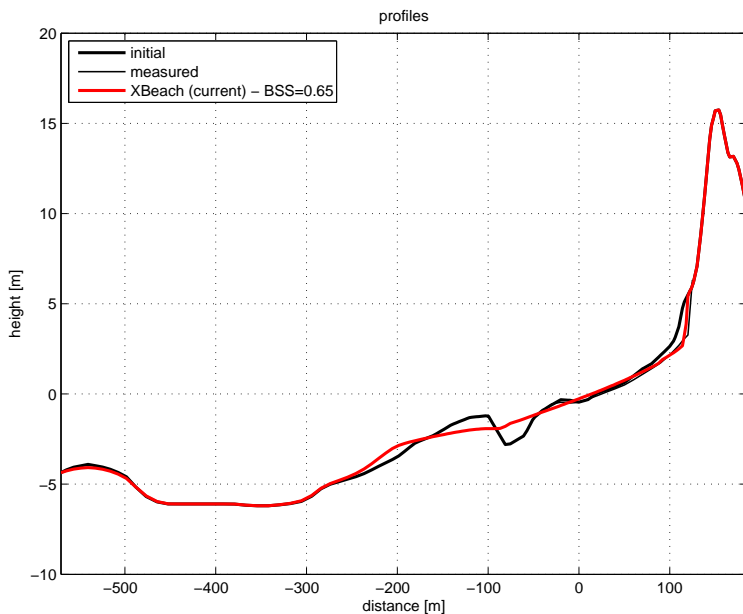


Figure 1.2

Table 1.1

	$R^2$	Sci	Rel. bias	BSS
$zb$	0.97	0.19	0.05	0.65

1.1.2.2 Run "raai568"

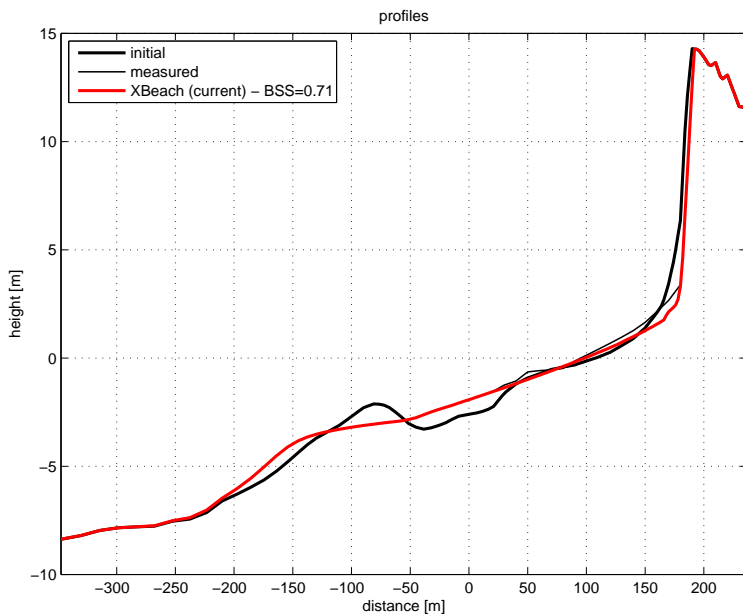


Figure 1.3



Table 1.2

	$R^2$	Sci	Rel. bias	BSS
$zb$	0.98	0.22	-0.17	0.71

1.1.2.3 Run "raai6050"

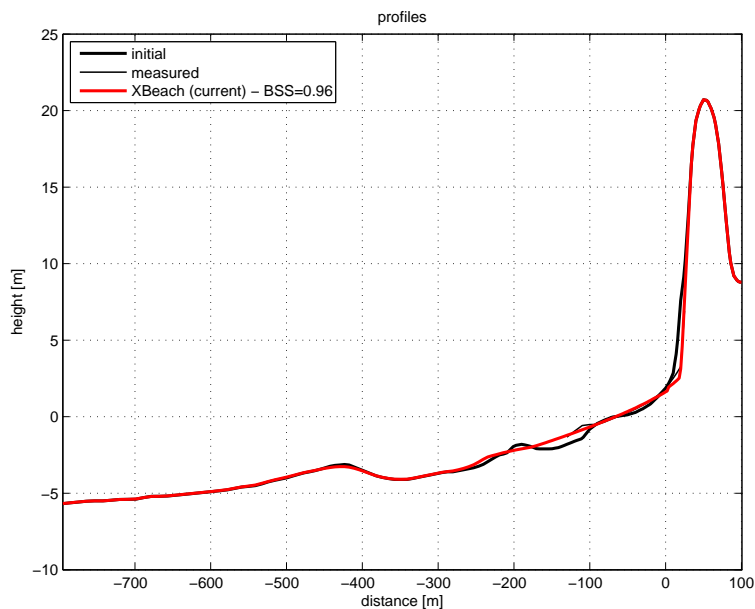


Figure 1.4

Table 1.3

	$R^2$	Sci	Rel. bias	BSS
$zb$	0.98	0.11	-0.05	0.96

### 1.1.3 Test "Assateague\_Island"

### 1.1.4 Test "Boers\_1C"

#### 1.1.4.1 Run "default"

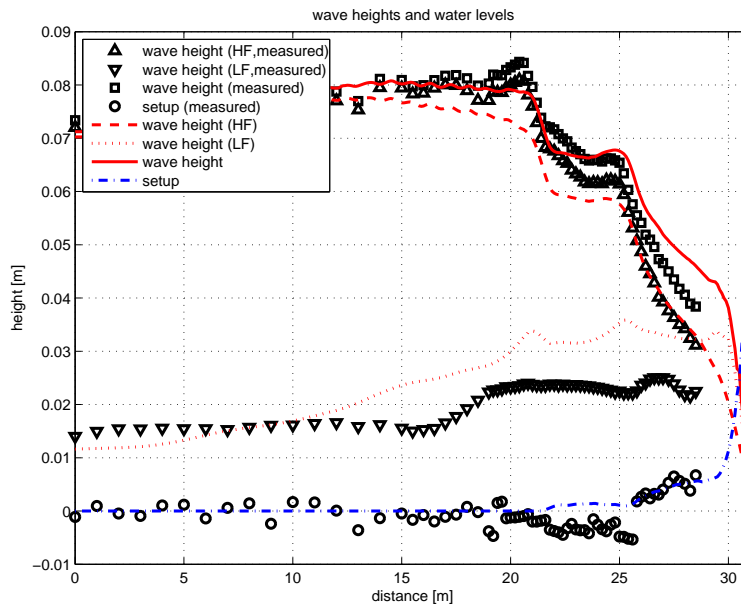


Figure 1.5



### 1.1.5 Test "CarrierGreenspan"

#### 1.1.5.1 Run "default"

### 1.1.6 Test "Curvi\_Island"

#### 1.1.6.1 Run "default"

### 1.1.7 Test "Delilah\_199010131000"

#### 1.1.7.1 Run "default"

### 1.1.8 Test "Deltaflume2006"

#### 1.1.8.1 Run "DP01"

#### 1.1.8.2 Run "DP02"

#### 1.1.8.3 Run "T01"

#### 1.1.8.4 Run "T01\_zebra"

#### 1.1.8.5 Run "T02"

#### 1.1.8.6 Run "T03"

#### 1.1.8.7 Run "T04"

### 1.1.9 Test "DeltaflumeH298"

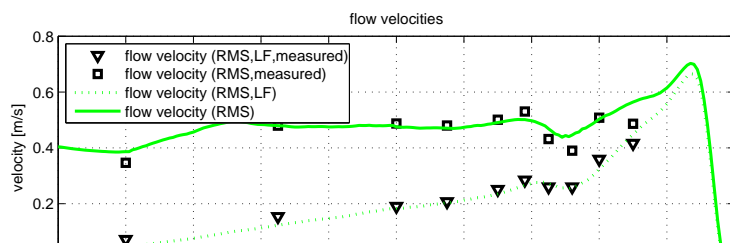
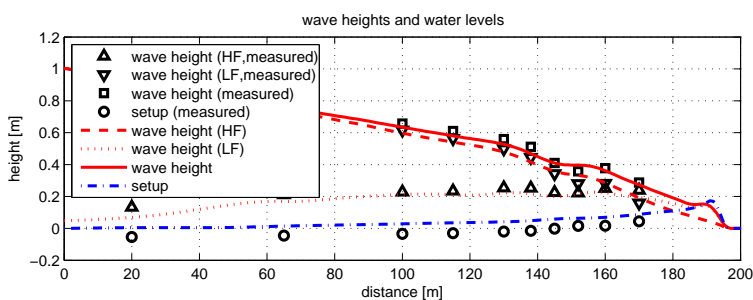
#### 1.1.9.1 Run "T1"

#### 1.1.9.2 Run "T2"

#### 1.1.9.3 Run "T3"

### 1.1.10 Test "DeltaflumeLIP11D"

#### 1.1.10.1 Run "1B"



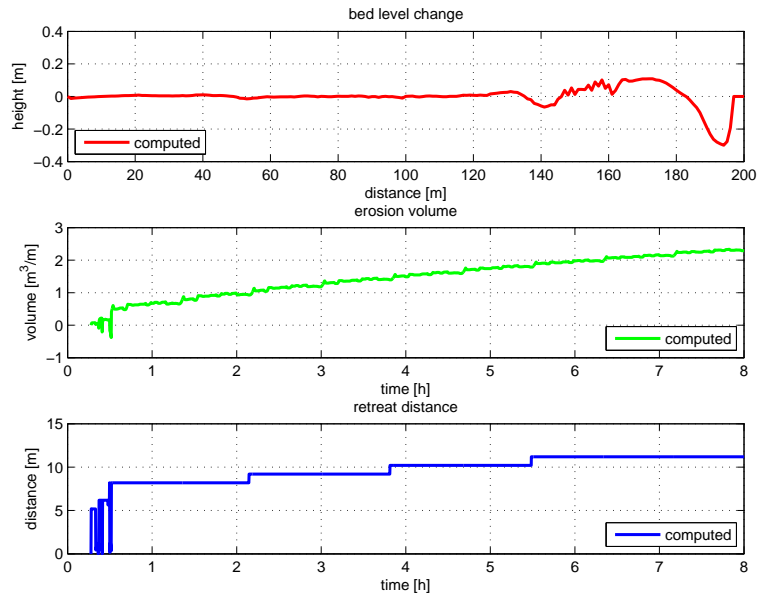


Figure 1.7

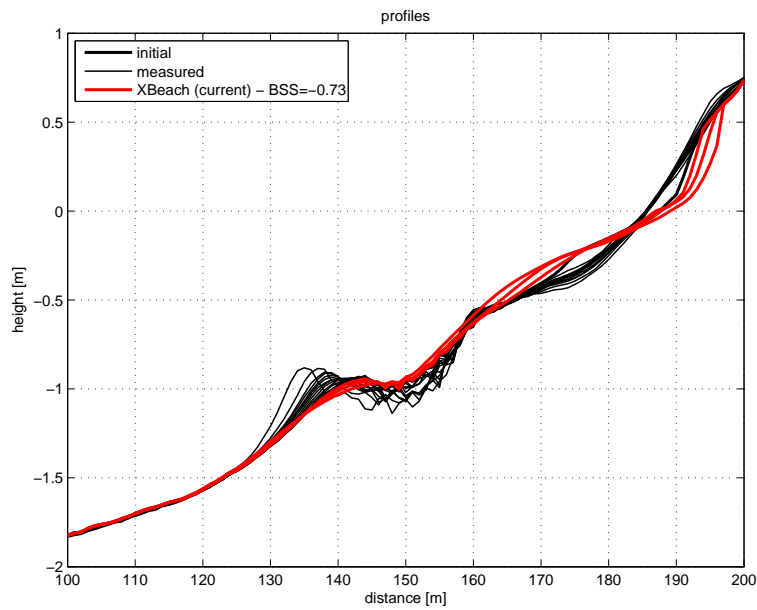


Figure 1.8

### 1.1.10.2 Run "1C"

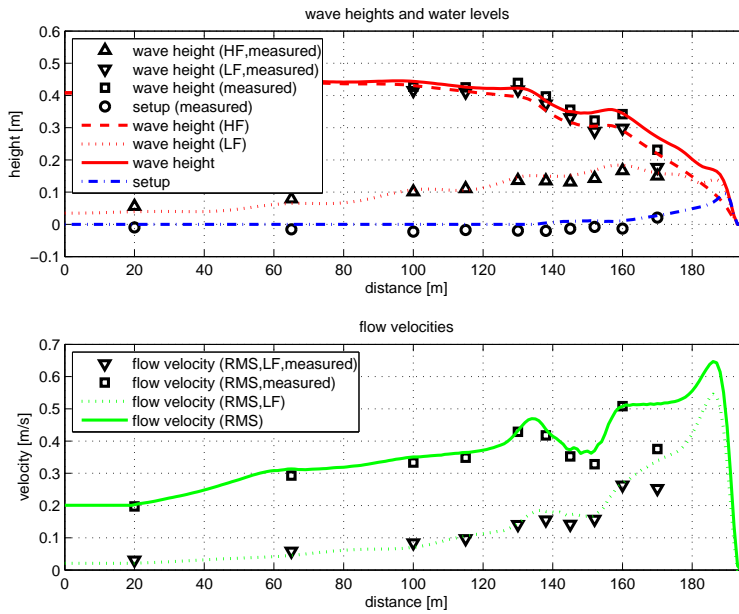


Figure 1.9

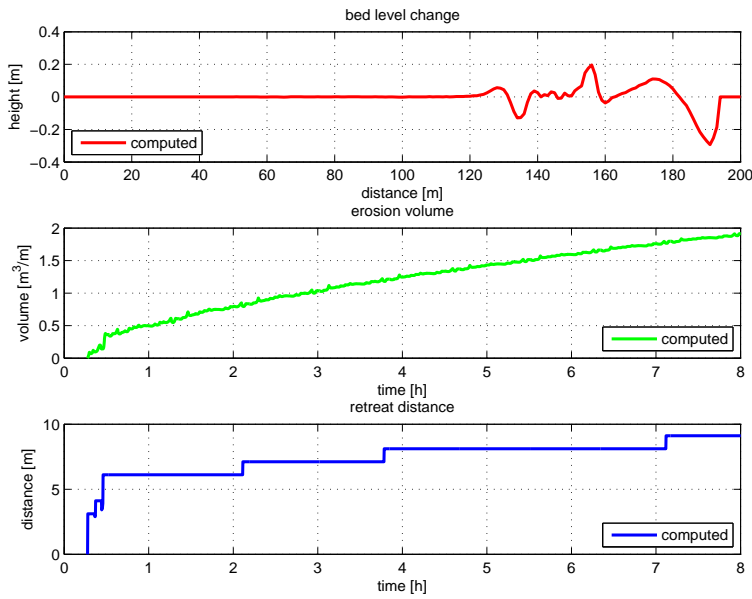


Figure 1.10

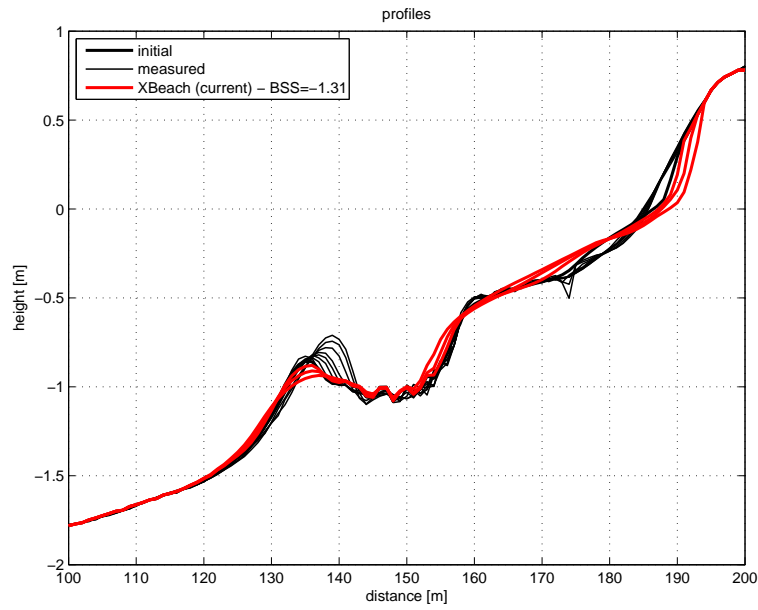


Figure 1.11

1.1.10.3 Run "2E"

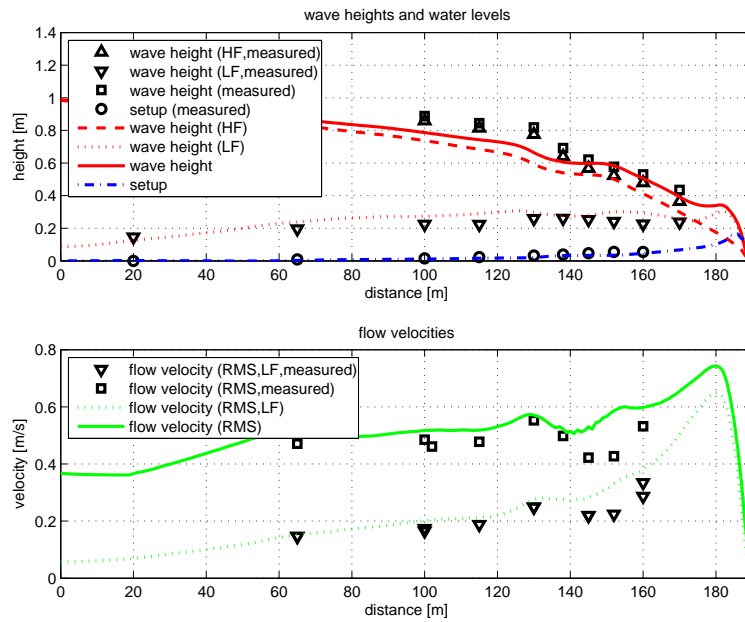


Figure 1.12

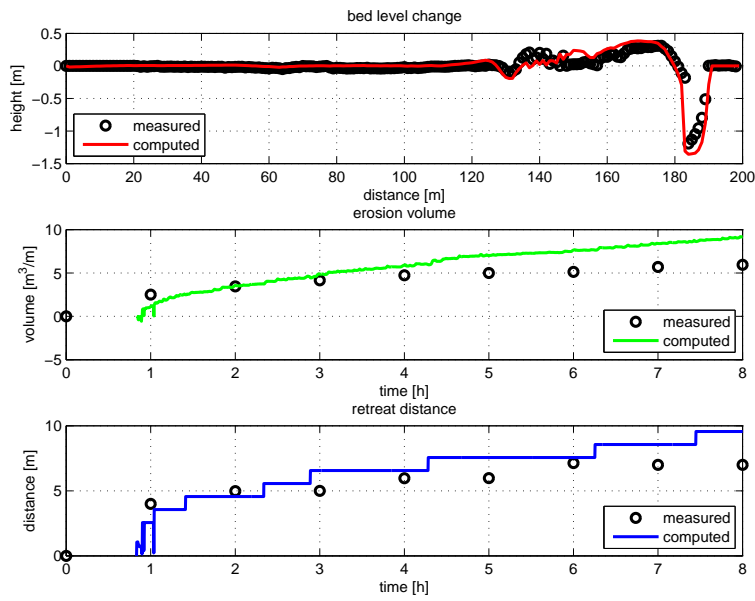


Figure 1.13

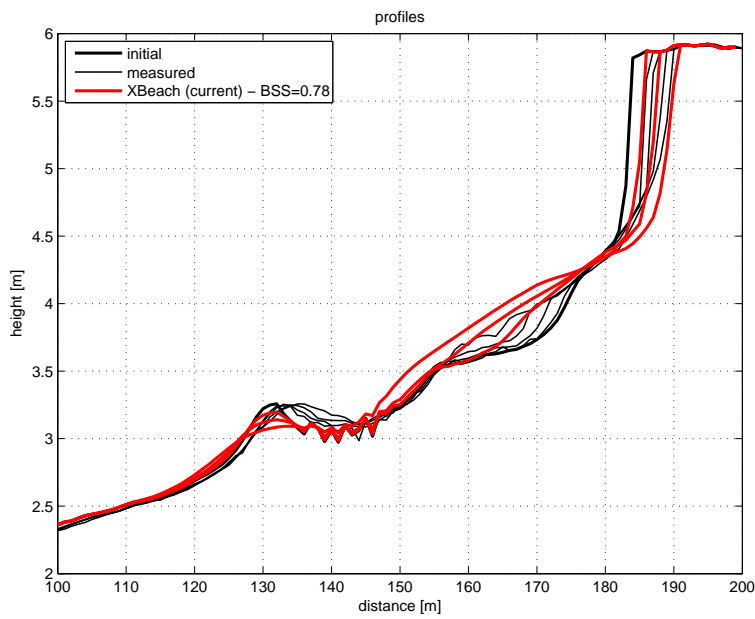


Figure 1.14





### 1.1.11 Test "Deltaflume\_M1263\_I"

1.1.11.1 Run "AT33"

1.1.11.2 Run "AT47"

1.1.11.3 Run "AT61"

1.1.11.4 Run "AT71"

1.1.11.5 Run "AT91"

1.1.11.6 Run "AT95"

1.1.11.7 Run "BT13"

1.1.11.8 Run "BT15"

1.1.11.9 Run "BT17"

1.1.11.10 Run "BT23"

1.1.11.11 Run "BT25"

1.1.11.12 Run "BT27"

1.1.11.13 Run "BT45"

1.1.11.14 Run "BT62"

1.1.11.15 Run "BT72"

1.1.11.16 Run "BT92"

1.1.11.17 Run "BT96"

1.1.11.18 Run "CT14"

1.1.11.19 Run "CT16"

1.1.11.20 Run "CT18"

1.1.11.21 Run "CT24"

1.1.11.22 Run "CT26"

1.1.11.23 Run "CT28"

1.1.11.24 Run "CT46"

1.1.11.25 Run "CT63"

<sup>12</sup>  
1.1.11.26 Run "CT73"

1.1.11.27 Run "CT93"

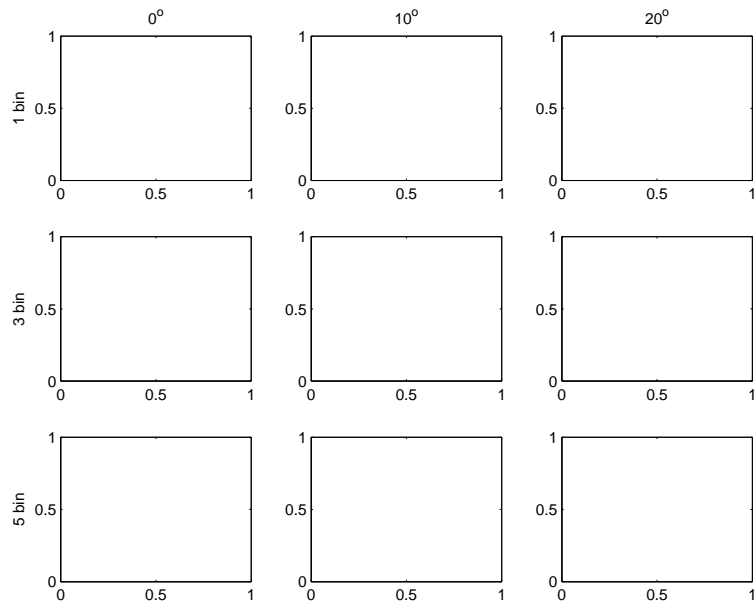


Figure 1.16

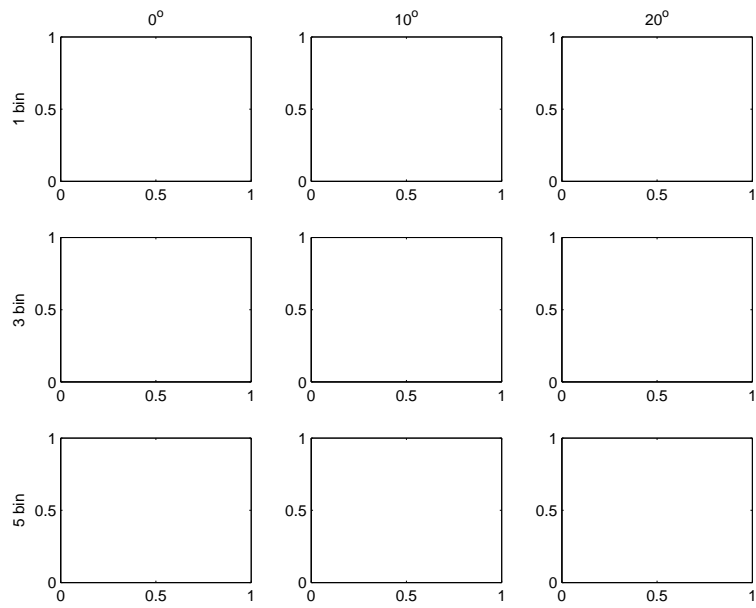


Figure 1.17

1.1.17 Test "longcrested\_refraction2"

1.1.18 Test "long\_wave\_propagation"

1.1.18.1 Run "default"

1.1.19 Test "MICORE\_Cadiz\_Urban\_Beach"

1.1.19.1 Run "north"

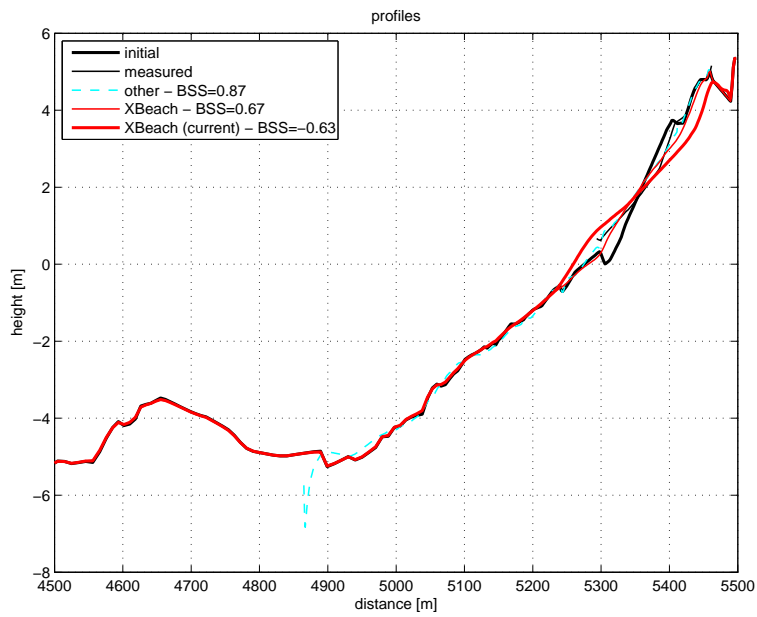


Figure 1.18

## 1.1.20 Test "MICORE\_Dziwnow\_Spit"

### 1.1.20.1 Run "386"

## 1.1.21 Test "MICORE\_Kamchia\_Shkorpilovtsi\_Beach"

### 1.1.21.1 Run "pr04"

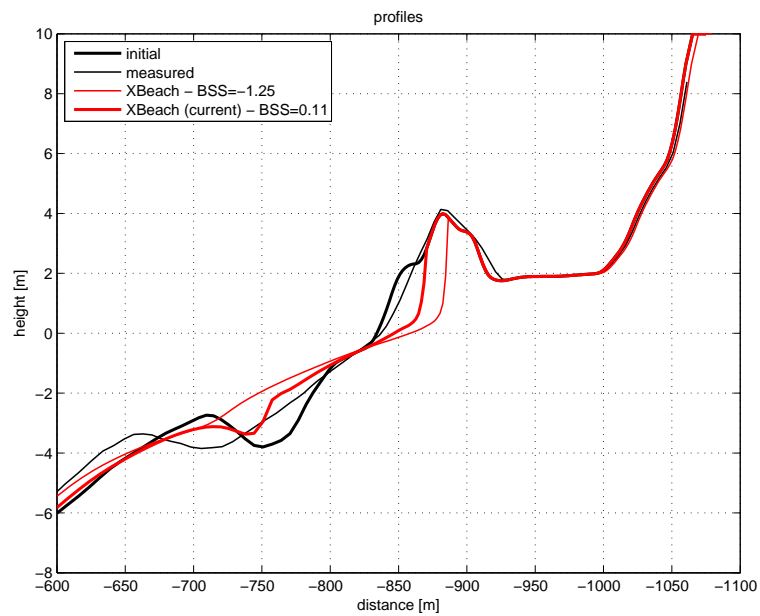


Figure 1.19

### 1.1.22 Test "MICORE\_Lido\_di\_Dante"

#### 1.1.22.1 Run "mar2010\_MN17"

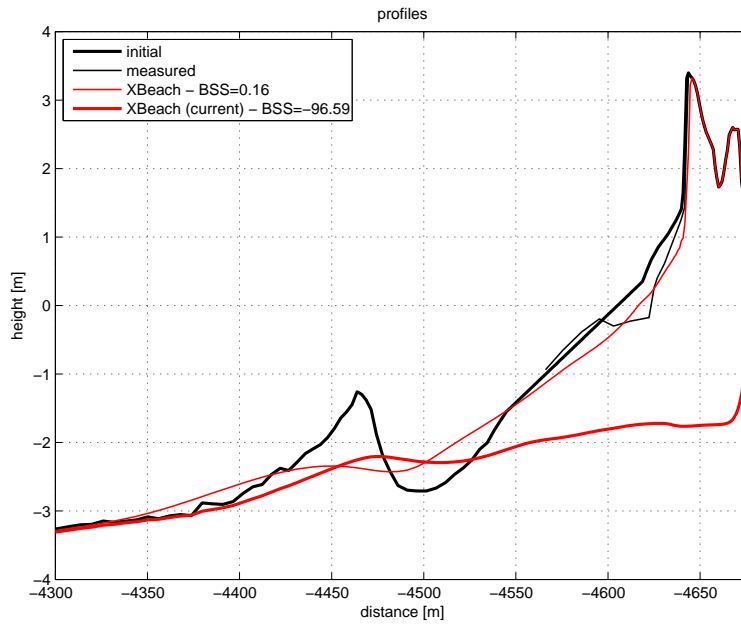


Figure 1.20

### 1.1.23 Test "MICORE\_Mariakerke\_and\_Ostend\_Beach"

#### 1.1.23.1 Run "s116a"

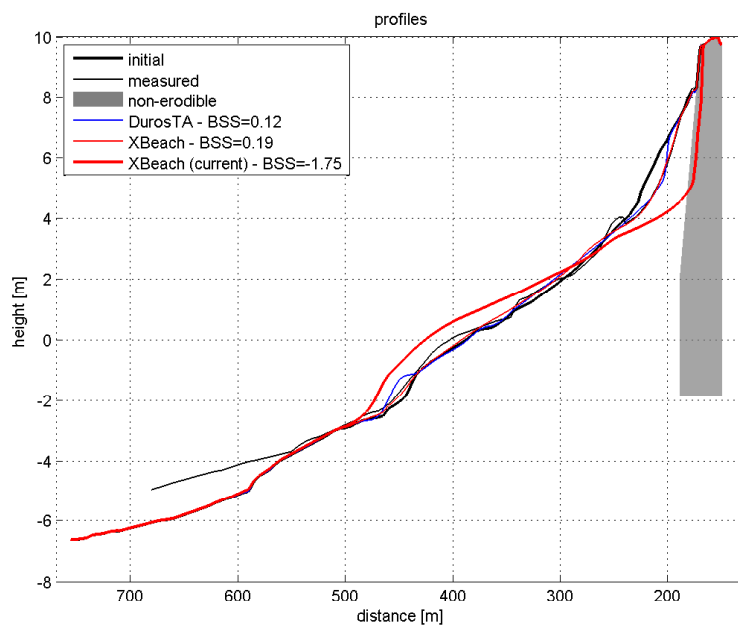


Figure 1.21

## 1.1.24 Test "MICORE\_Praia\_de\_Faro"

### 1.1.24.1 Run "event9"

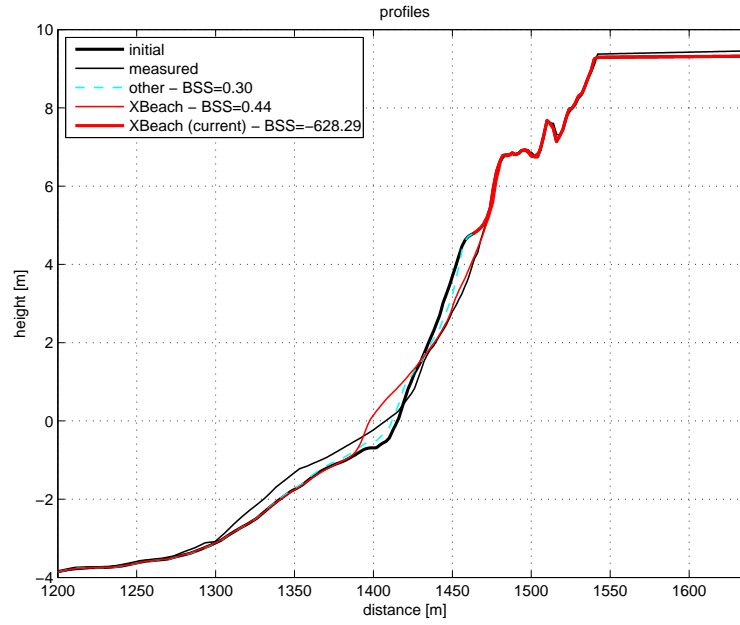


Figure 1.22

### 1.1.25 Test "Netcdf"

#### 1.1.25.1 Run "default"

### 1.1.26 Test "River\_Outflow"

#### 1.1.26.1 Run "default"

### 1.1.27 Test "tideonly"

#### 1.1.27.1 Run "blankenberge"

#### 1.1.27.2 Run "default"

### 1.1.28 Test "Zelt\_Case1"

#### 1.1.28.1 Run "default"

### 1.1.29 Test "Zwin\_T01"

#### 1.1.29.1 Run "default"

## 1.2 Type "default"

### 1.2.1 Test "1953\_storm\_surge"

#### 1.2.1.1 Run "default"

### 1.2.2 Test "1976\_storm\_surge"

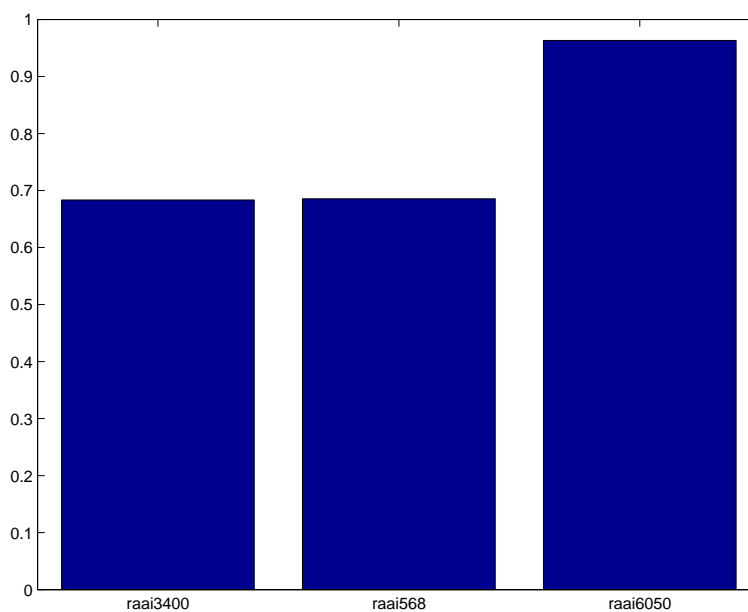


Figure 1.23



1.2.2.1 Run "raai3400"

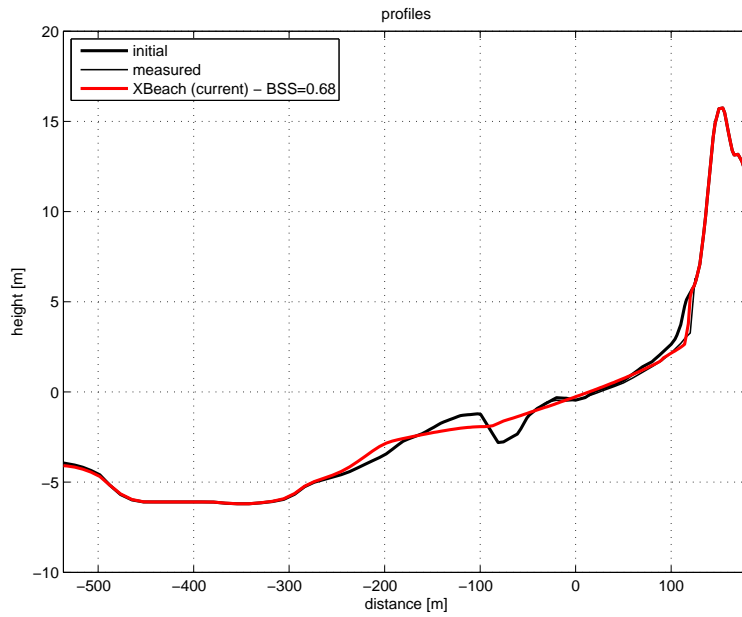


Figure 1.24

Table 1.4

	$R^2$	Sci	Rel. bias	BSS
$zb$	0.97	0.18	0.04	0.68

1.2.2.2 Run "raai568"

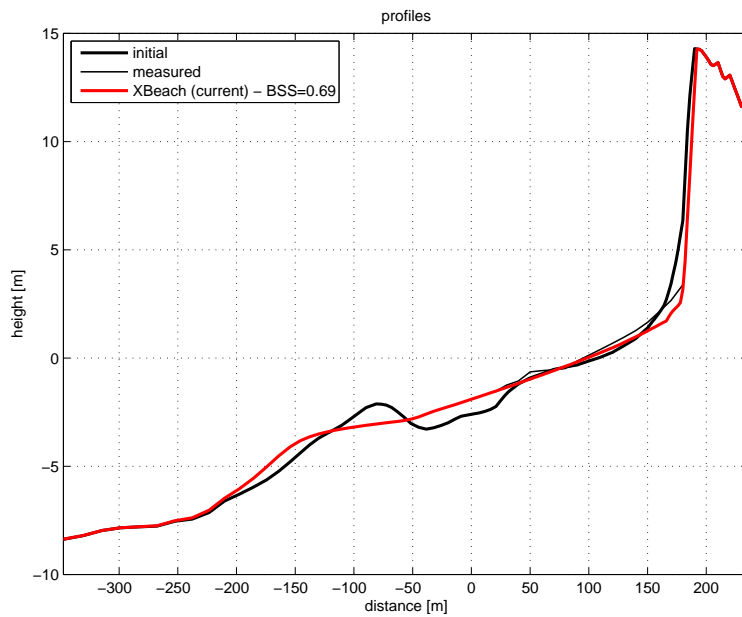


Figure 1.25

Table 1.5

	$R^2$	Sci	Rel. bias	BSS
<i>zb</i>	0.98	0.23	-0.18	0.69

1.2.2.3 Run "raai6050"

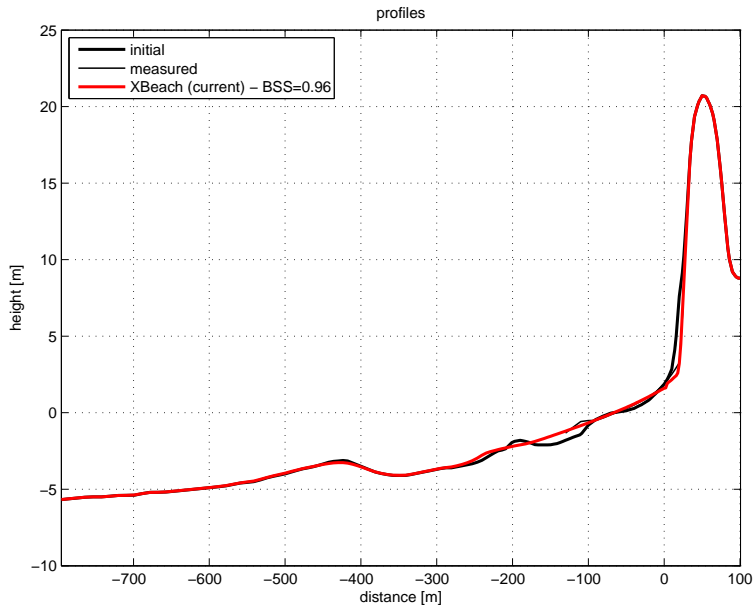


Figure 1.26

Table 1.6

	$R^2$	Sci	Rel. bias	BSS
<i>zb</i>	0.98	0.11	-0.05	0.96

### 1.2.3 Test "Assateague\_Island"

### 1.2.4 Test "Boers\_1C"

#### 1.2.4.1 Run "default"

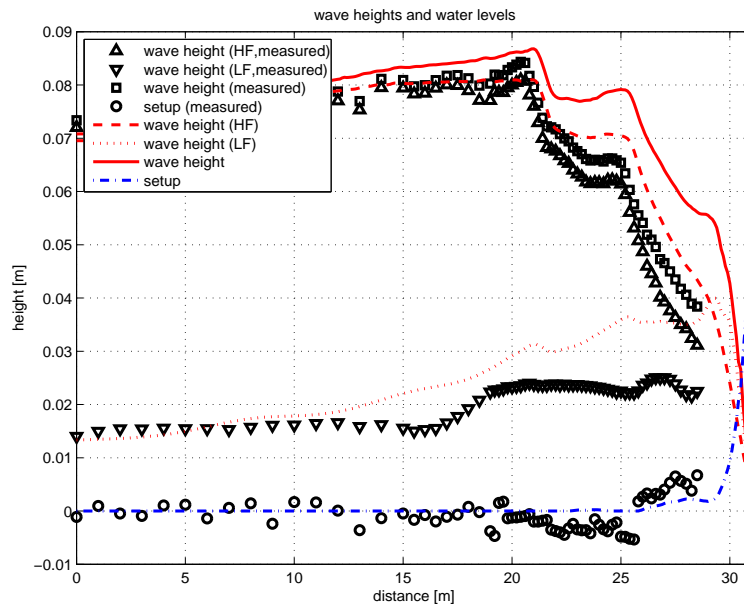


Figure 1.27



1.2.5 Test "CarrierGreenspan"

1.2.5.1 Run "default"

1.2.6 Test "Curvi\_Island"

1.2.6.1 Run "default"

1.2.7 Test "Delilah\_199010131000"

1.2.7.1 Run "default"

1.2.8 Test "Deltaflume2006"

1.2.8.1 Run "DP01"

1.2.8.2 Run "DP02"

1.2.8.3 Run "T01"

1.2.8.4 Run "T01\_zebra"

1.2.8.5 Run "T02"

1.2.8.6 Run "T03"

1.2.8.7 Run "T04"

1.2.9 Test "DeltaflumeH298"

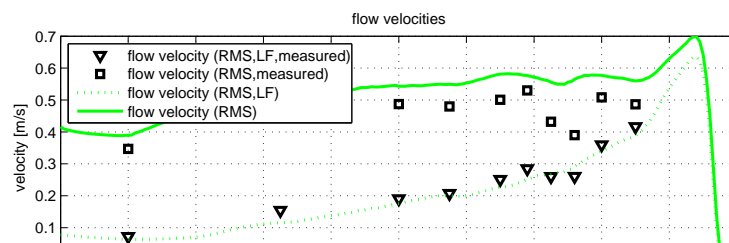
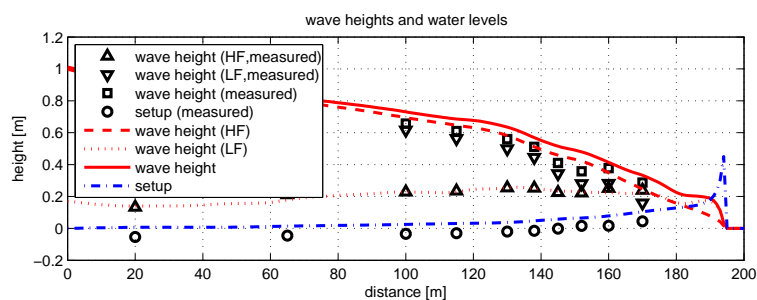
1.2.9.1 Run "T1"

1.2.9.2 Run "T2"

1.2.9.3 Run "T3"

1.2.10 Test "DeltaflumeLIP11D"

1.2.10.1 Run "1B"



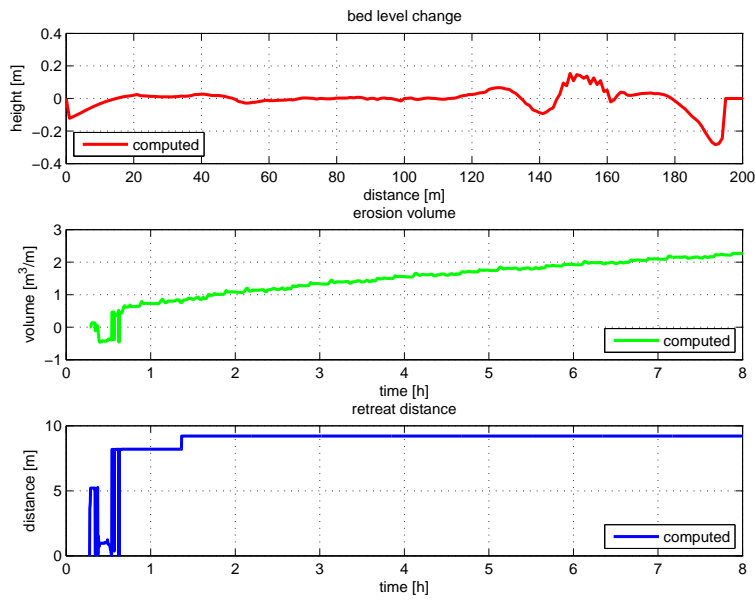


Figure 1.29

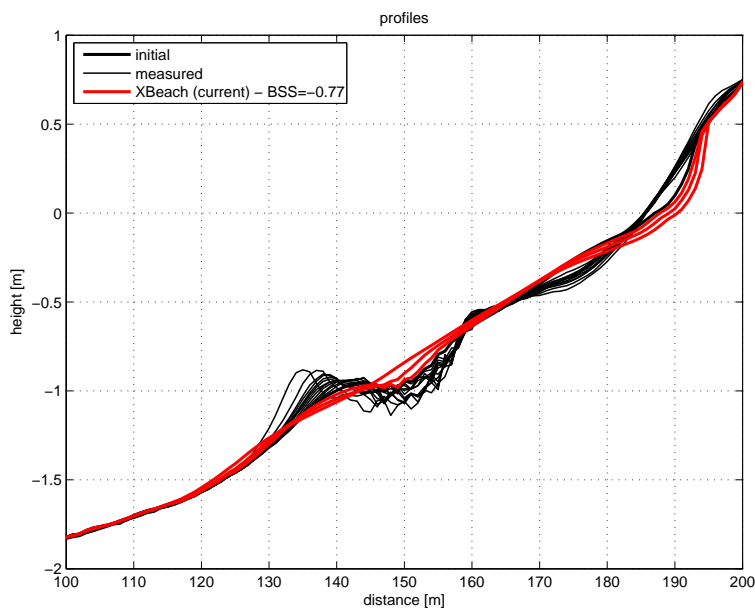


Figure 1.30

1.2.10.2 Run "1C"

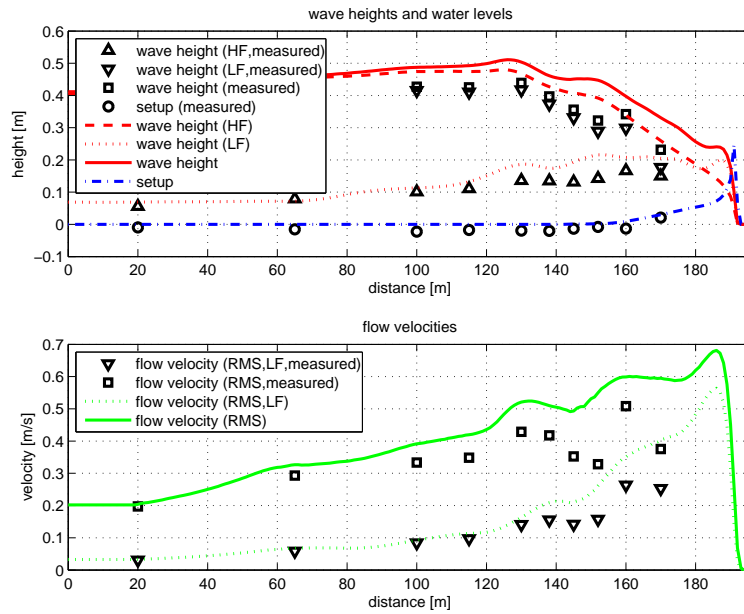


Figure 1.31

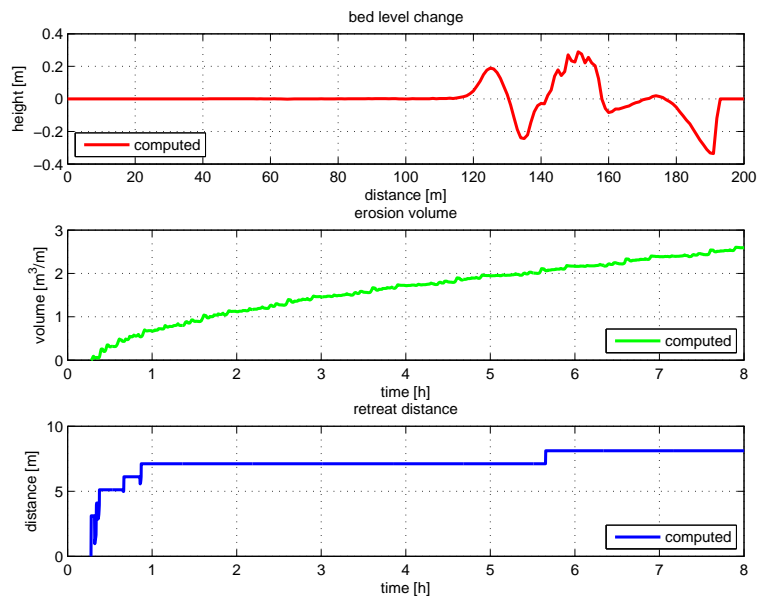


Figure 1.32

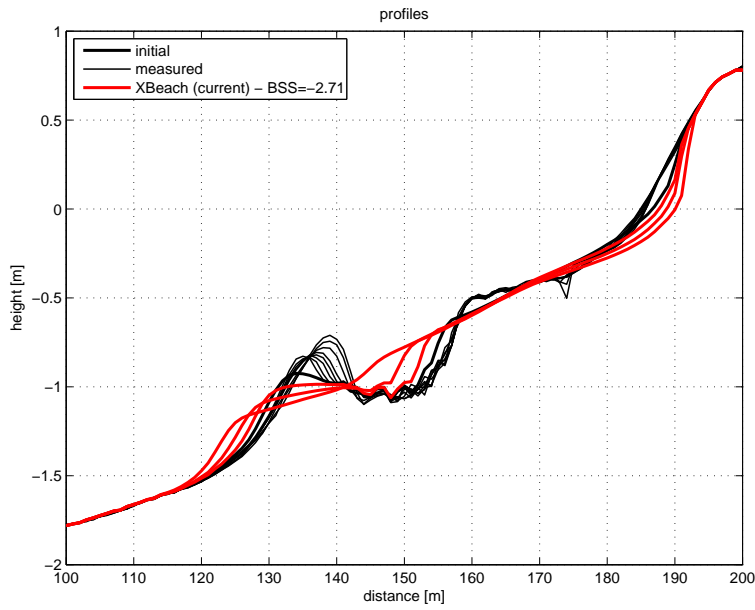


Figure 1.33

### 1.2.10.3 Run "2E"

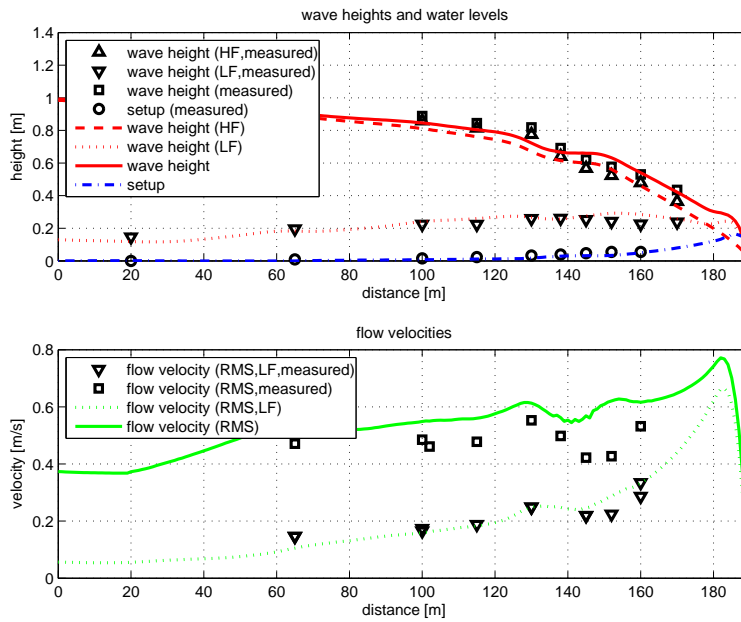


Figure 1.34



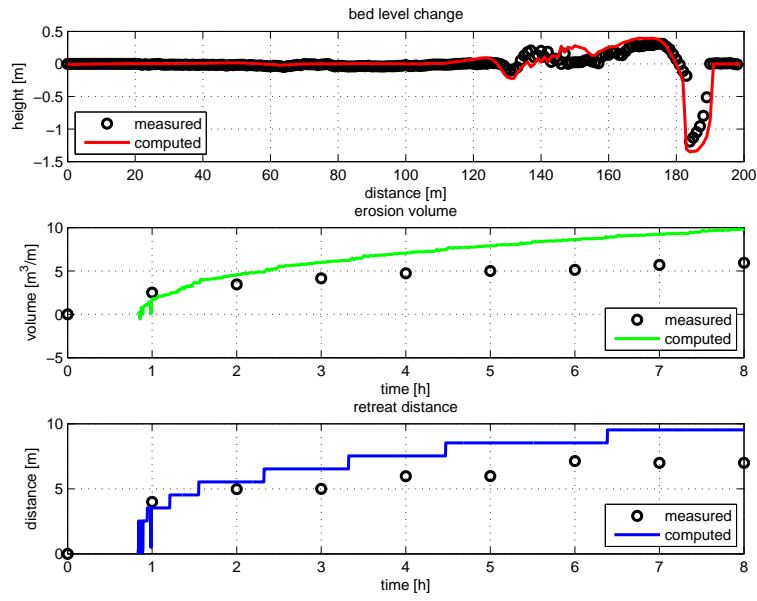


Figure 1.35

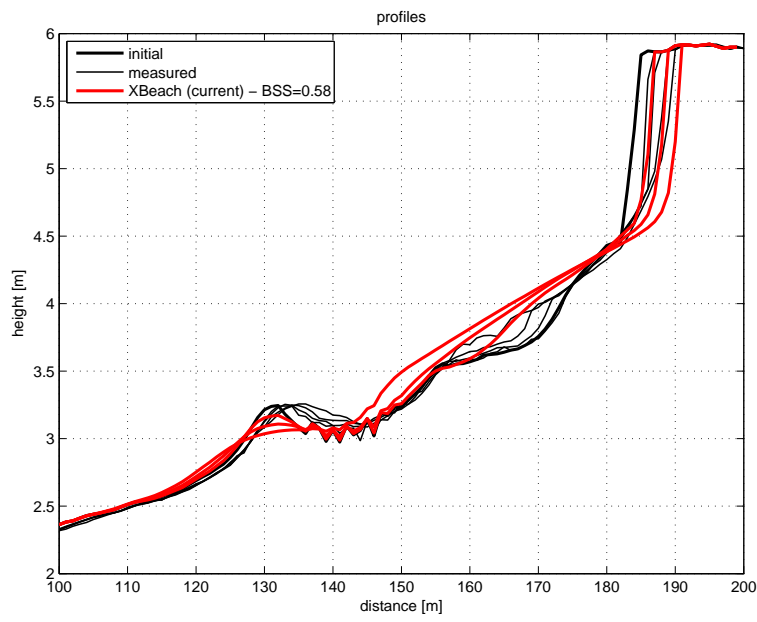


Figure 1.36



---

**1.2.11 Test "Deltaflume\_M1263\_I"****1.2.11.1 Run "AT33"****1.2.11.2 Run "AT47"****1.2.11.3 Run "AT61"****1.2.11.4 Run "AT71"****1.2.11.5 Run "AT91"****1.2.11.6 Run "AT95"****1.2.11.7 Run "BT13"****1.2.11.8 Run "BT15"****1.2.11.9 Run "BT17"****1.2.11.10 Run "BT23"****1.2.11.11 Run "BT25"****1.2.11.12 Run "BT27"****1.2.11.13 Run "BT45"****1.2.11.14 Run "BT62"****1.2.11.15 Run "BT72"****1.2.11.16 Run "BT92"****1.2.11.17 Run "BT96"****1.2.11.18 Run "CT14"****1.2.11.19 Run "CT16"****1.2.11.20 Run "CT18"****1.2.11.21 Run "CT24"****1.2.11.22 Run "CT26"****1.2.11.23 Run "CT28"****1.2.11.24 Run "CT46"****1.2.11.25 Run "CT63"****1.2.11.26 Run "CT73"****1.2.11.27 Run "CT93"**

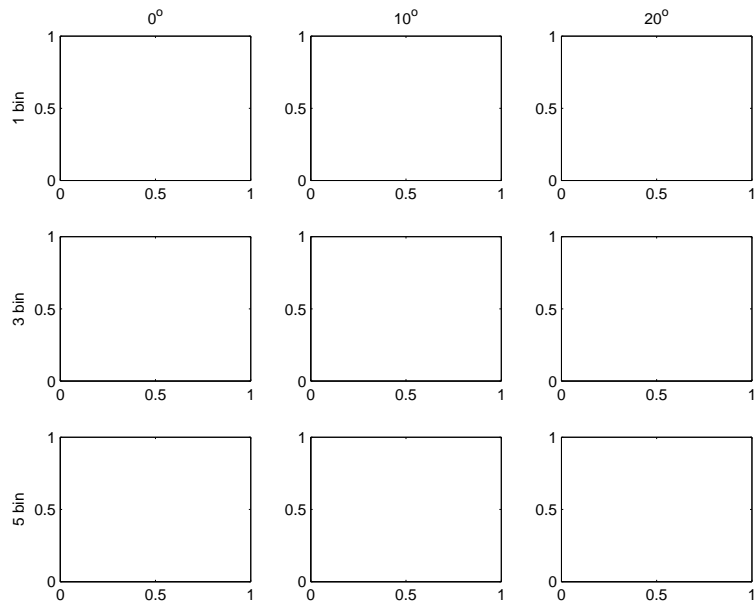


Figure 1.38

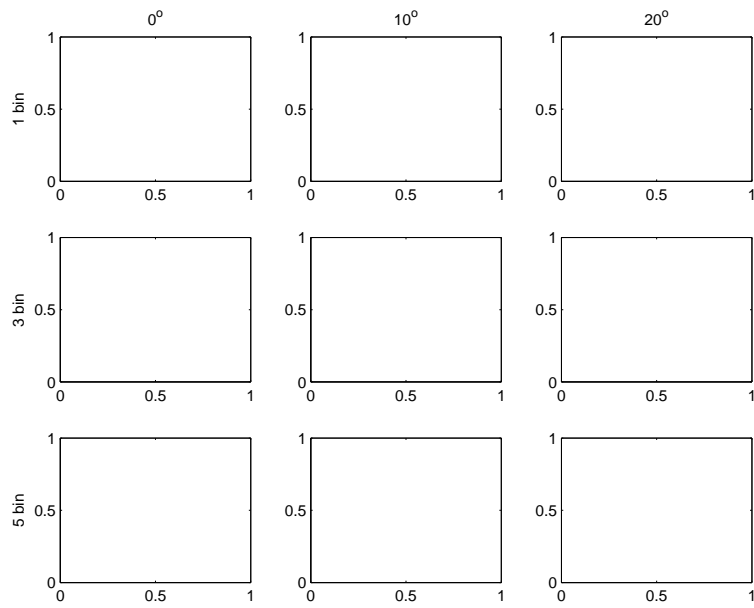
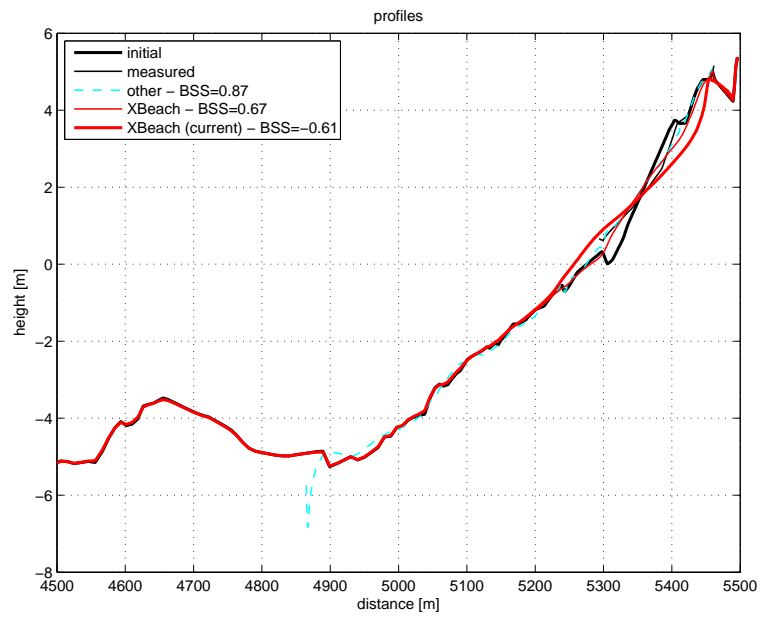


Figure 1.39

**1.2.17 Test "longcrested\_refraction2"****1.2.18 Test "long\_wave\_propagation"****1.2.18.1 Run "default"****1.2.19 Test "MICORE\_Cadiz\_Urban\_Beach"****1.2.19.1 Run "north"***Figure 1.40*

## 1.2.20 Test "MICORE\_Dziwnow\_Spit"

### 1.2.20.1 Run "386"

## 1.2.21 Test "MICORE\_Kamchia\_Shkorpilovtsi\_Beach"

### 1.2.21.1 Run "pr04"

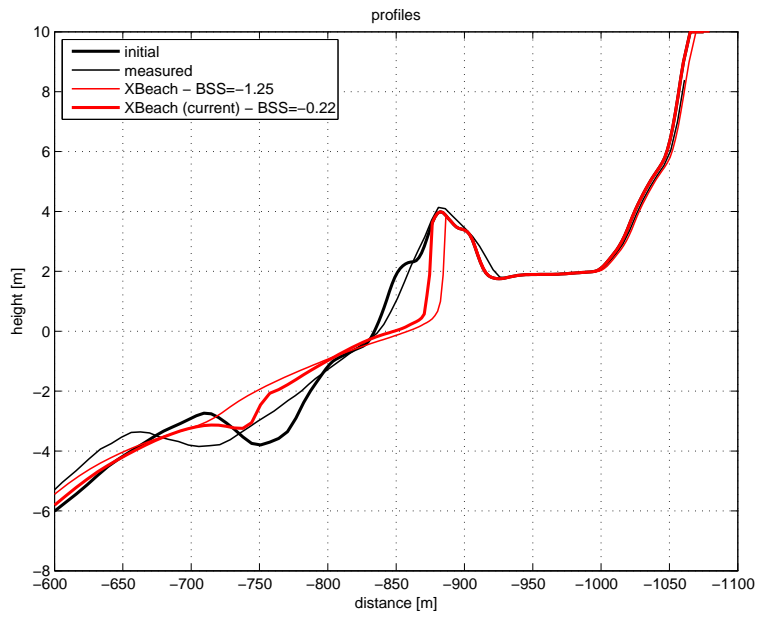


Figure 1.41

### 1.2.22 Test "MICORE\_Lido\_di\_Dante"

#### 1.2.22.1 Run "mar2010\_MN17"

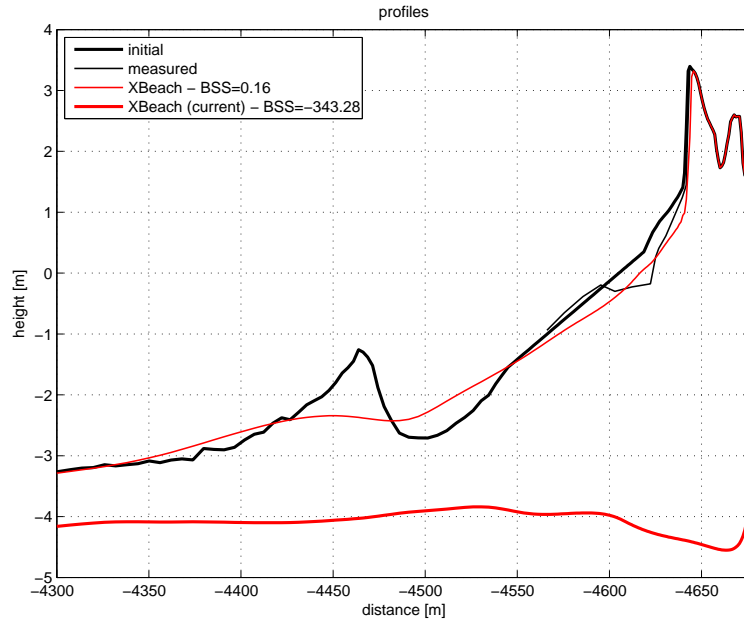


Figure 1.42

### 1.2.23 Test "MICORE\_Mariakerke\_and\_Ostend\_Beach"

#### 1.2.23.1 Run "s116a"

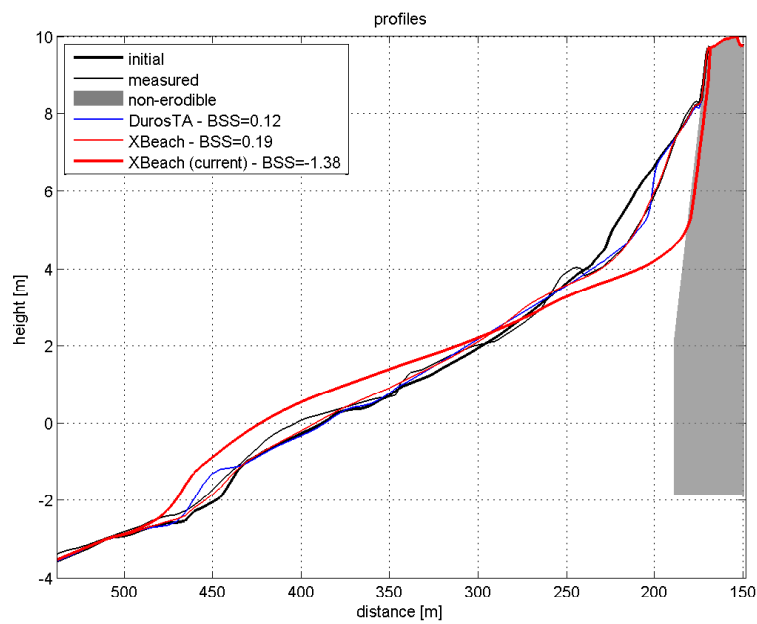


Figure 1.43

## 1.2.24 Test "MICORE\_Praia\_de\_Faro"

### 1.2.24.1 Run "event9"

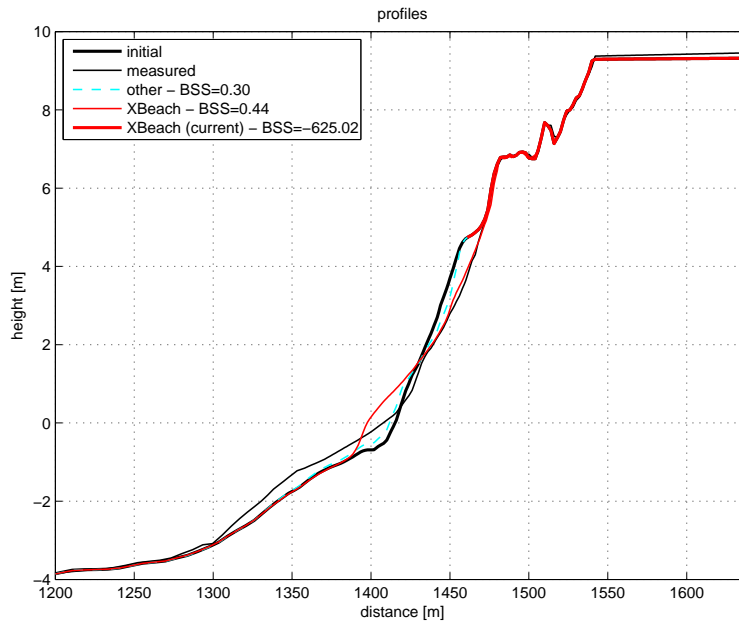


Figure 1.44

## 1.2.25 Test "Netcdf"

### 1.2.25.1 Run "default"

## 1.2.26 Test "River\_Outflow"

### 1.2.26.1 Run "default"

## 1.2.27 Test "tideonly"

### 1.2.27.1 Run "blankenberge"

### 1.2.27.2 Run "default"

## 1.2.28 Test "Zelt\_Case1"

### 1.2.28.1 Run "default"

## 1.2.29 Test "Zwin\_T01"

### 1.2.29.1 Run "default"