

# SANDWATCH INTERNATIONAL DATABASE



## Sandwatch International Database



### Sandwatch Database

#### Login

Username:

Password:

Welcome to the Sandwatch International Database!

The database was launched in Mauritius on 20th March 2013. The database will provide participating Sandwatch groups the opportunity to upload their monitoring data to a secure site. Not only will this allow for proper archiving of environmental data, but it will also allow users to analyse their results, create their own charts and graphs, and communicate their findings visually with the wider community. Non-Sandwatch groups can also visit the site and view the data.

For anyone to access the database, you will need a user name and password. Please [click here](http://www.sandwatch.ca/index.php?option=com_content&view=article&id=3&Itemid=8) (link this to website [http://www.sandwatch.ca/index.php?option=com\\_content&view=article&id=3&Itemid=8](http://www.sandwatch.ca/index.php?option=com_content&view=article&id=3&Itemid=8)) to find out how to get a user name and password.

If you have any questions or comments about the database, or if you have forgotten your password please send an email to [sandwatchdatabase@gmail.com](mailto:sandwatchdatabase@gmail.com)

[Link to Privacy Statement](#) [Link to Terms of Use](#)

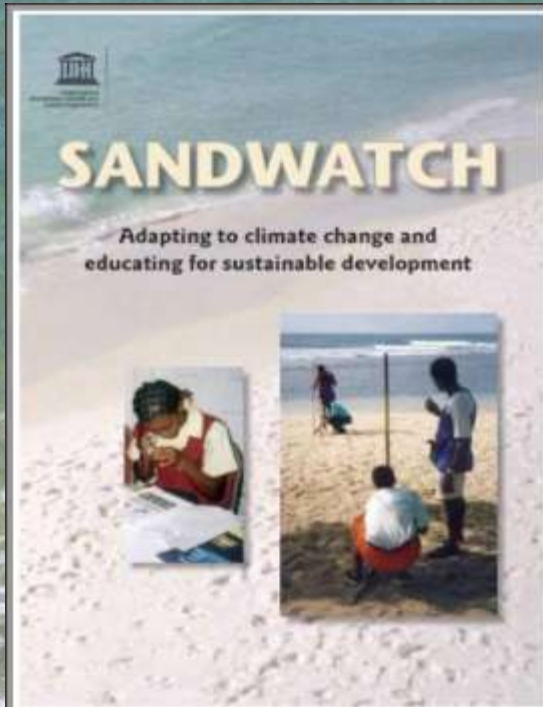
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# WHY HAVE A DATABASE?

The database provides a:

- Teaching environment, where students can analyse their results, create graphs and tables, save photos, improve mathematical and computer skills
- Sharing environment where students and users can see data from other countries and regions and compare it with their own
- Archiving environment: the database provides a safe and secure place to store the data

# DATABASE LINKS TO CHAPTERS IN SANDWATCH MANUAL



Select A Beach

Select one... ▼

Beach Long Bay

- General Description (Chapter 4)
- Erosion and Accretion (Chapter 5)
- Beach Composition (Chapter 6, Activities 6.1, 6.4)
- Human Activities on the Beach (Chapter 7, Activities 7.1, 7.2, 7.3)
- Beach Debris (Chapter 8, Activity 8.1)
- Water Quality (Chapter 9, Activity 9.1)
- Wave Characteristics (Chapter 10, Activities 10.1, 10.3)
- Currents (Chapter 11, Activity 11.1)



# LOCATE THE BEACH ON A MAP AND STORE SKETCH MAPS

(a) Details of Sandwatch Group (b) Location of Beach (c) Map of Beach (d) Photos of Beach (e) Beach Characteristics (f) Historical Information

Set Map

Latitude -18.266  
Longitude -181.975  
Zoom Level 18

Map Satellite

Queens Rd

Queens Rd

(a) Details of Sandwatch Group (b) Location of Beach (c) Map of Beach (d) Photos of Beach (e) Beach Characteristics (f) Historical Information

Name of Beach	Sung Bay	Country	Fiji
District/Parish/Nearest Town	Island Harbour	Latitude	-18.27
Island	Fiji	Longitude	-181.97

Sketch Map

HOUSE HOUSE shop RESTAURANT SHOPS RESTAURANT  
MAIN ROAD BRIDGE MARSH  
PANDANUS PIZZERIA GUEST HOUSE  
BEACH BEACH  
SHORE-LINE  
X coconut trees  
O Pandanus trees  
B boulders  
C cars

# RECORD YOUR DATA, EXAMPLE CHAPTER 5 EROSION AND ACCRETION

## Erosion and Accretion (Chapter 5)

(a) Profile site data

(b) Profile site photos

Select site

Old Beach Bar ▼

Update from profile file

Save Changes

Cancel

Delete Site

Name of measurement site

Old Beach Bar

Photo of starting point

Add/Update

Date site established (dd/mm/year)

23/09/1992

Description of starting point

Reference point is top of handrail at seaward end of boardwalk

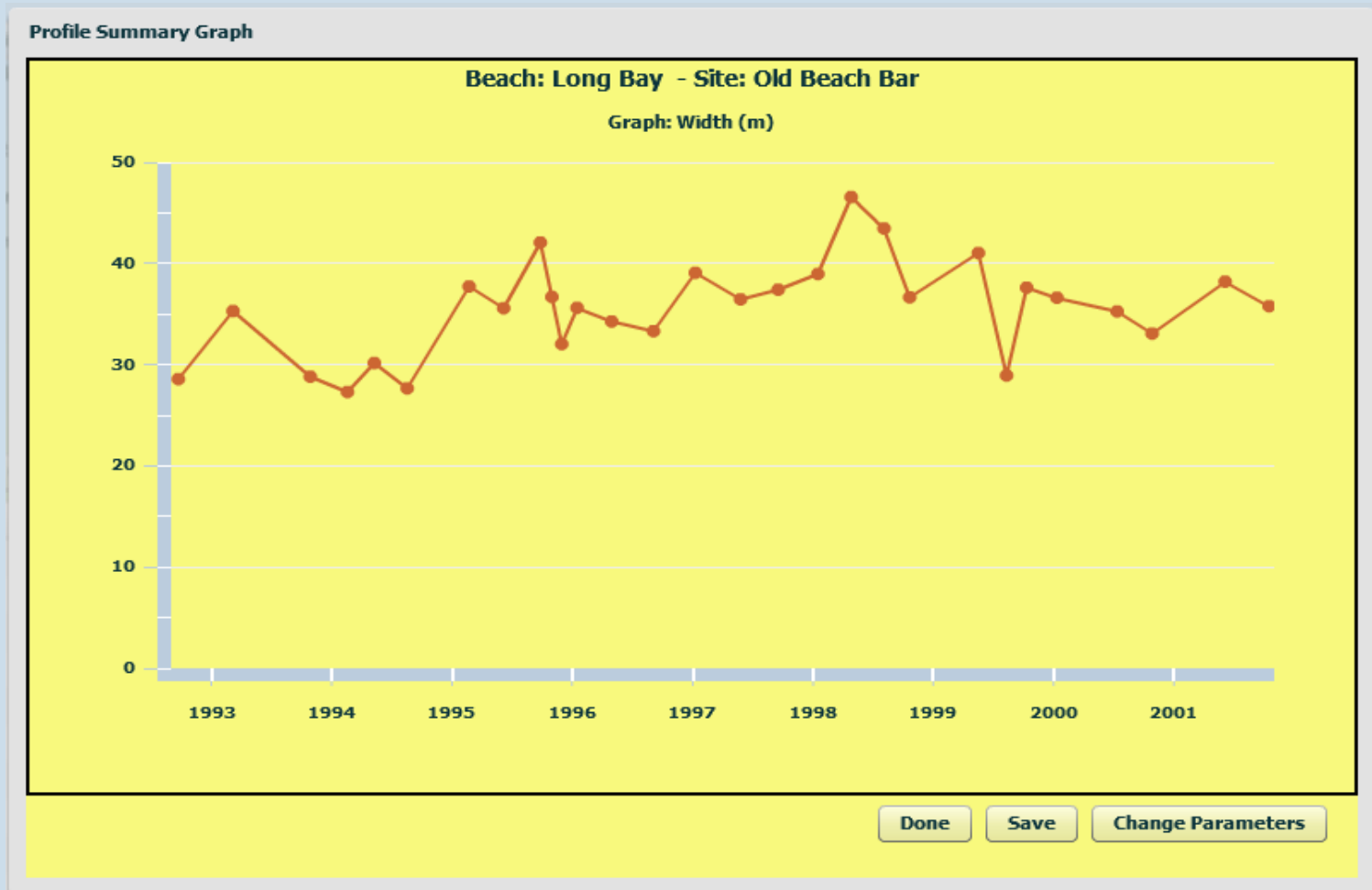


Show Graph

Export Spreadsheet

Date (dd/mm/year)	Beach width (m)	Beach profile area (m <sup>2</sup> )	Comments
16/10/2001	35.76	49.07	
05/06/2001	38.19	42.06	
26/10/2000	33.08	38.90	
12/07/2000	35.25	44.28	
12/01/2000	36.60	40.17	
11/10/1999	37.62	53.45	
12/08/1999	28.95	42.56	
18/05/1999	41.02	65.84	
22/10/1998	36.66	52.55	
05/08/1998	43.45	71.62	
27/04/1998	46.58	73.70	
16/01/1998	38.98	58.60	

# CREATE A GRAPH OF BEACH CHANGES OVER TIME



# STORE YOUR PHOTOS

Beach Long Bay **Sandwatch Database** My Profile Help

General Description (Chapter 4)

(a) Details of Sandwatch Group (b) Location of Beach (c) Map of Beach (d) Photos of Beach (e) Beach Characteristics (f) Historical Information


Add Photo



Looking east



Looking west



Erosion at western end

# GET CONNECTED TO THE DATABASE

Get a user name and password by contacting  
[Sandwatchfoundation@gmail.com](mailto:Sandwatchfoundation@gmail.com)