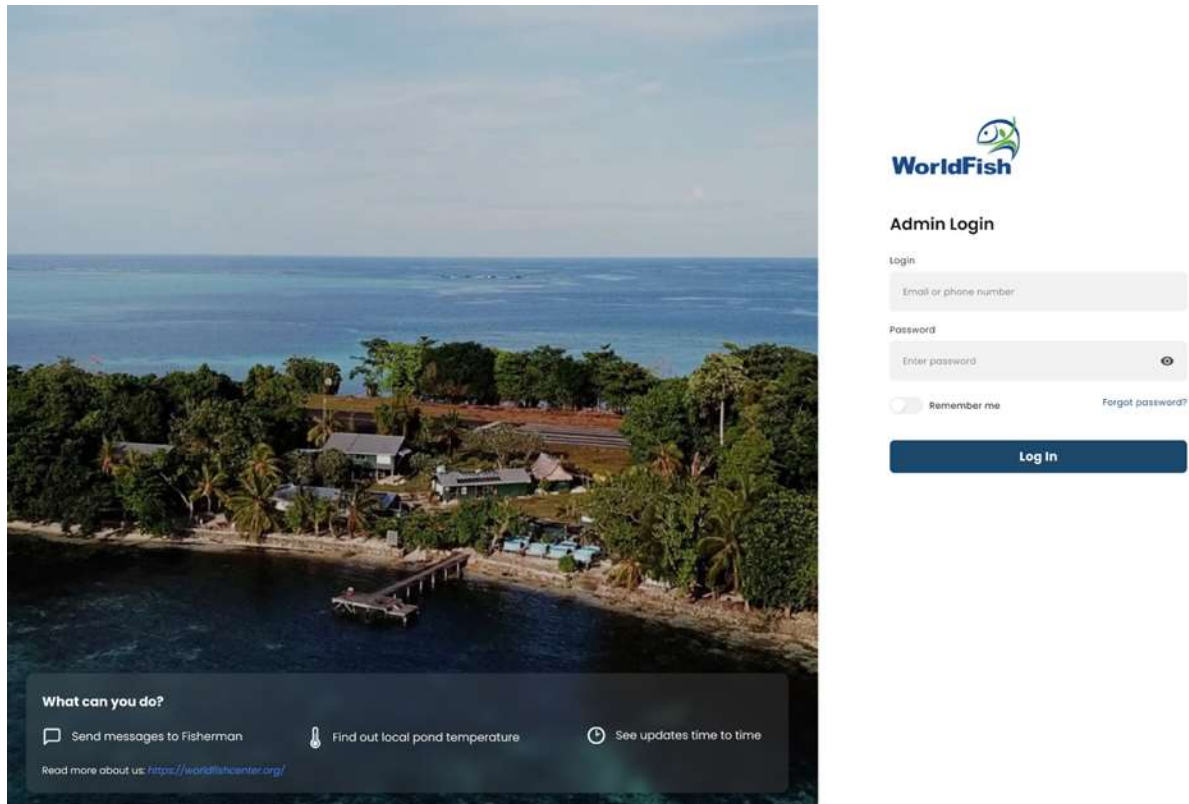


WorldFish – Weather Forecasting Prototype

Login Page:



Administrators can log in using their credentials. The Introduction section on the left pane can be further enhanced once the necessary details are provided to us. Also, further information can be documented in 'About us' page shown after the login.

After successful login, the administrator lands on to the home page – Advisory.

The dashboard includes a header with the WorldFish logo, 'Advisory' title, 'Set Up' dropdown, and 'Current Week: #47'. The left sidebar contains 'SELECTION' filters for Country, Province, District, and Village, all set to 'Select', with a 'Submit' button. The main area is titled 'CURRENT WEEK ADVISORY' and shows 'last week's recorded temperature' as '--' and 'next week's forecast temperature' as '--'. A large box contains the text: 'Generated advisory based on last week observed rainfall and next 2 weeks forecast. You may modify/rewrite the message before sending.' Below this is a red prompt: 'Choose a location to generate advice'. A 'Send' button is visible in the top right of the advisory box. At the bottom, a 'RECENT MESSAGE LOGS' table is shown with a 'View All' link.

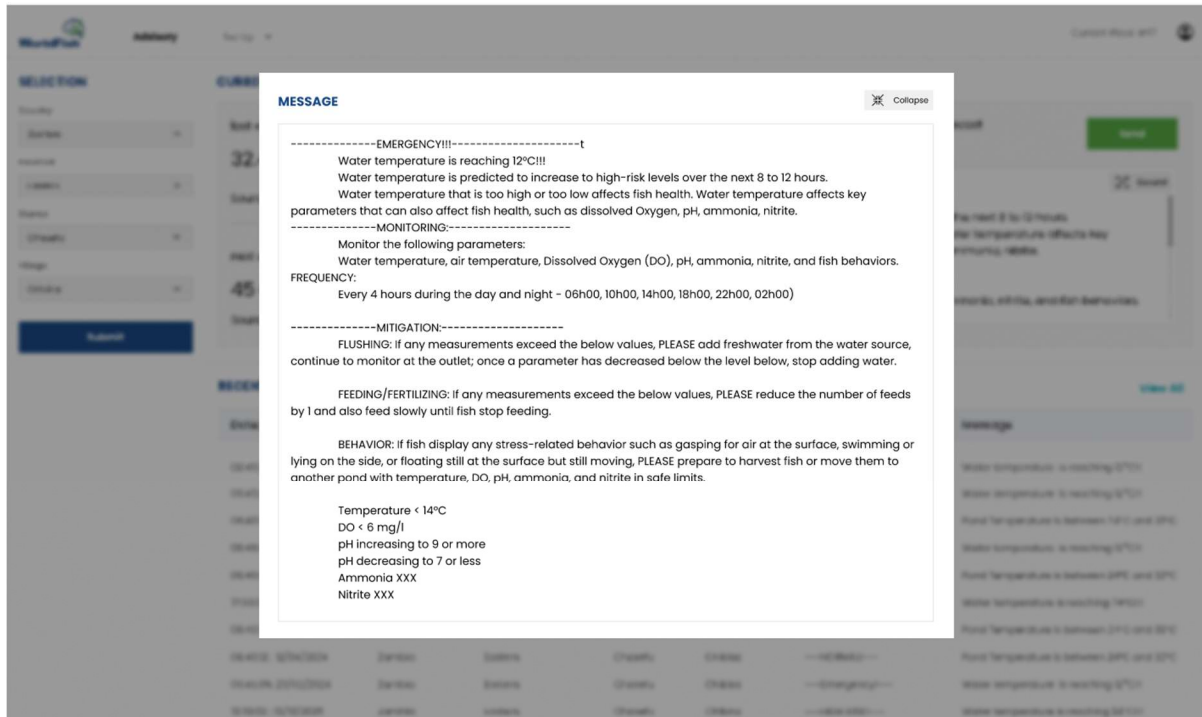
Date; time	Country	Province	District	Village	Preview Message	Message
00:45:09; 23/02/2024	Zambia	Eastern	Chasefu	Chibisa	---Emergency!---	Water temperature is reaching 12°C!!
00:45:09; 23/02/2024	Zambia	Eastern	Chasefu	Chibisa	---Emergency!---	Water temperature is reaching 12°C!!
08:40:12; 12/04/2024	Zambia	Eastern	Chasefu	Chibisa	---NORMAL!---	Pond Temperature is between 24°C and 32°C
00:45:09; 23/02/2024	Zambia	Eastern	Chasefu	Chibisa	---Emergency!---	Water temperature is reaching 12°C!!
06:40:12; 12/04/2024	Zambia	Eastern	Chasefu	Chibisa	---NORMAL!---	Pond Temperature is between 24°C and 32°C
12:30:02; 12/12/2025	Zambia	Eastern	Chasefu	Chibisa	---HIGH RISK!---	Water temperature is reaching 24°C!!!
06:40:12; 12/04/2024	Zambia	Eastern	Chasefu	Chibisa	---NORMAL!---	Pond Temperature is between 24°C and 32°C
06:40:12; 12/04/2024	Zambia	Eastern	Chasefu	Chibisa	---NORMAL!---	Pond Temperature is between 24°C and 32°C
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After selecting a village in the location filters on the left pane, the corresponding historical and forecast temperatures for the village/pond, as well as weather advisories, are generated using shared APIs.

The dashboard is now populated with data. The 'SELECTION' filters are set to 'Zambia', 'Eastern', 'Chasefu', and 'Chibisa'. The 'CURRENT WEEK ADVISORY' section shows 'last week's recorded temperature' as '32.4 C' and 'next week's forecast temperature' as '45 C', both with 'Source: Lorem ipsum' placeholders. The advisory message box now contains a detailed emergency alert: '-----EMERGENCY!!!!-----t Water temperature is reaching 12°C!!! Water temperature is predicted to increase to high-risk levels over the next 8 to 12 hours. Water temperature that is too high or too low affects fish health. Water temperature affects key parameters that can also affect fish health, such as dissolved Oxygen, pH, ammonia, nitrite. -----MONITORING----- Monitor the following parameters: Water temperature, air temperature, Dissolved Oxygen (DO), pH, ammonia, nitrite, and fish behaviors. FREQUENCY:'. An 'Expand' icon is visible in the top right of the message box. The 'RECENT MESSAGE LOGS' table remains the same as in the previous screenshot.

Date; time	Country	Province	District	Village	Preview Message	Message
00:45:09; 23/02/2024	Zambia	Eastern	Chasefu	Chibisa	---Emergency!---	Water temperature is reaching 12°C!!
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For more information, please click on 'Expand' to view the detailed message. To send this message to the registered fishermen, simply click on 'Send'.



The message log displays a list of all previously broadcasted messages.

← → ↻ 🏠 google.com/search ☆ 🌐 ⋮

WorldFish **Advisory** Set Up ▾ Current Week: #47 🌐

SELECTION

Country
Zambia ▾

Province
Eastern ▾

District
Chasefu ▾

Village
Chibisa ▾

Submit

← Back

RECENT MESSAGE LOGS Search 🔍

Date; time	Country	Province	District	Village	Preview Message	Message
00:45:09; 23/02/2024	Zambia	Eastern	Chasefu	Chibisa	---Emergency!---	Water temperature is reaching 12°C!!
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Location metadata can be managed in the 'Set up' section.

WorldFish Advisory Set Up Current Week: #47

SELECTION

Country: Select

Province: Select

District: Select

Village: Select

Submit

Configuration

Location

Fisherman

Temperature

Generated advisory based on last week observed rainfall and next 2 weeks forecast
You may modify/rewrite the message before sending

Send

Choose a location to generate advice

next week's forecast temperature

--

RECENT MESSAGE LOGS

[View All](#)

Date; time	Country	Province	District	Village	Preview Message	Message
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The sample data will be updated with the location hierarchy of Zambia, once shared with us.

WorldFish Advisory Set Up Current Week: #47

LOCATION

Countries Province District Villages

Currently Available Search **+ Add New**

Country	Options
Kituli	
Makueni	
Taita Taveta	
Baringo	

New locations can be added, or existing locations can be updated as shown below:

The screenshot shows a web application interface for managing locations. At the top left, there is a logo and a navigation menu with 'Locations' selected. Below the navigation menu, there is a section titled 'LOCATION' with a sub-section 'Currently Available'. This section contains a table with columns for Country, Province, District, and Village. The table lists several entries, each with a unique ID and a name. To the right of the table is a form titled 'ADD NEW VILLAGE'. The form contains four dropdown menus: Country, Province, District, and Village. Below the form are two buttons: 'Cancel' and 'Save'.

Country	Province	District	Village
USA	West North	District	Village North
		District	Village North
		District	Village North
		District	Village North
	West North	District	Village North
		District	Village North
		District	Village North
		District	Village North
	West North	District	Village North
		District	Village North
		District	Village North
		District	Village North
	West North	District	Village North
		District	Village North

ADD NEW VILLAGE

Country
Select

Province
Select

District
Select

Village
Select

Cancel **Save**

The coordinates for the last level of the location hierarchy are necessary to generate relevant temperatures and advisories based on those coordinates. This information can also be applied to ponds.

As previously mentioned, if the dataset for ponds can be provided to us, advisories can be generated at the pond level.

Countries	Province	District	Villages	
Currently Available				
Country	Province	District	Coordinates	Options
Kitui	Kitui South	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	
	Mwingi North	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	
Makeni	Kibwezi West	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	
	Makeni	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	
	Mbooni	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	
Makeni	Kibwezi West	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	
	Makeni	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	
	Mbooni	District	1.8321435035, 38.186253834	
		District	1.8321435035, 38.186253834	

WorldFish Home Setup

FISHERMAN

Target Fisherman

ID	Name	Phone	Status	Village	District	Province
60	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
61	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
62	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
63	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
64	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
65	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
66	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
67	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
68	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
69	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
70	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province

NEW FISHERMAN RECORD

Name
Enter

Phone
Enter

Country
Select

Province
Select

District
Select

Village
Select

Enable SMS

Cancel Save


WorldFish Home Setup

FISHERMAN

Target Fisherman

ID	Name	Phone	Status	Village	District	Province
60	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
61	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
62	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
63	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
64	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
65	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
66	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
67	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
68	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
69	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province
70	ABDUL K. HOSAIN	+25475422967	Active	Village Name	District Name	Province

NEW FISHERMAN - BULK UPLOAD



Select a file or drag and drop here

Only an Excel file size no more than 50MB

Select File

Cancel

NEW FISHERMAN - BULK UPLOAD

Select a file or drag and drop here
Only an Excel, file size no more than 50MB

Select File

File added

ID	Name	Phone	Status	Village	Block	Postcode
101	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
102	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
103	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
104	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
105	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
106	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
107	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
108	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
109	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
110	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
111	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
112	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
113	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
114	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
115	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
116	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
117	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
118	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
119	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode
120	ABDUL KALAM	08170422807	Active	Village Name	Block Name	Postcode

Cancel

NEW FISHERMAN - BULK UPLOAD

Select a file or drag and drop here
Only an Excel, file size no more than 50MB

Select File

File added

- Data.xlsx
Preview 5.7MB
- Data-L.xlsx 5.7MB

Cancel