AFAM STEPS 6, 7, and 8: Interpreting results and implementation

Step 6a: Initial Interpretation

- Dashboard automatically generates summary table of all assessment results

Summary of All Performance Indicators

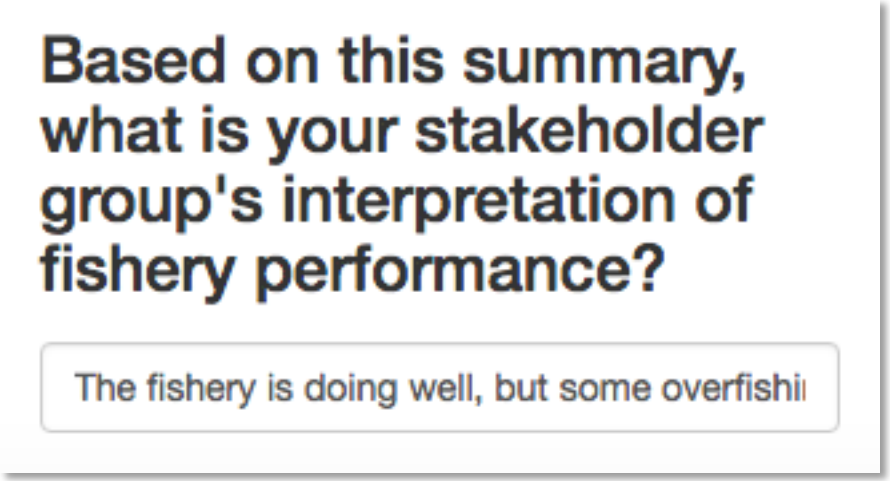
Show 10 entries Search:

	Assessment	Year	Site	Species	PI	TRP	LRP	Result
1	Total Landings	2014	Karimunjawa National Park	Caesio cuning	-58.5	0	-50	Red
2	CPUE	2014	Karimunjawa National Park	Caesio cuning	-15.7	0	-50	Yellow
3	LBAR	2014	Karimunjawa National Park	Caesio cuning	2.29	1	2	Red
4	Catch Curve	2014	Karimunjawa National Park	Caesio cuning	1.63	1	2	Yellow
5	Froese Indicators	2014	Karimunjawa National Park	Caesio cuning	Fish maturity ogive and Spawning biomass above reference point	Spawning biomass above reference point	Spawning biomass below reference point	Green
6	SPR	2014	Karimunjawa National Park	Caesio cuning	0.24	0.4	0.2	Yellow
7	Density Ratio	2013	Karimunjawa National Park	Caesio cuning	1.3	0.6	0.4	Green
8	Biomass Ratio	2013	Karimunjawa National Park	Caesio cuning	1.24	0.5	0.25	Green

Showing 1 to 8 of 8 entries Previous 1 Next

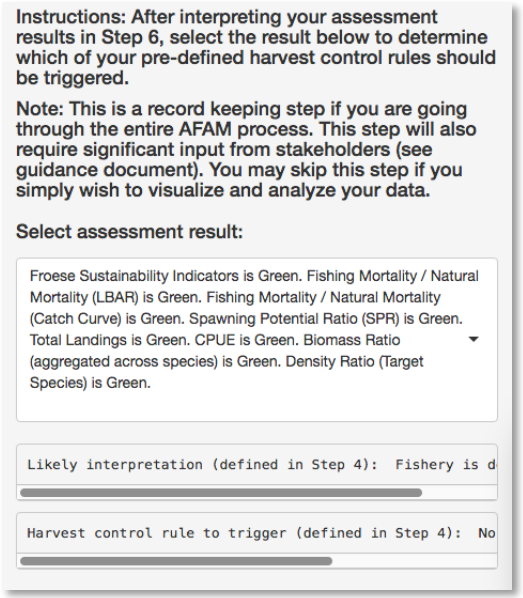
Step 6b: Verify Results

- Double check data and calculations
- Look for corroboration with other data, info
- Consultations with local experts and fishers
- Enter verified interpretation in dashboard



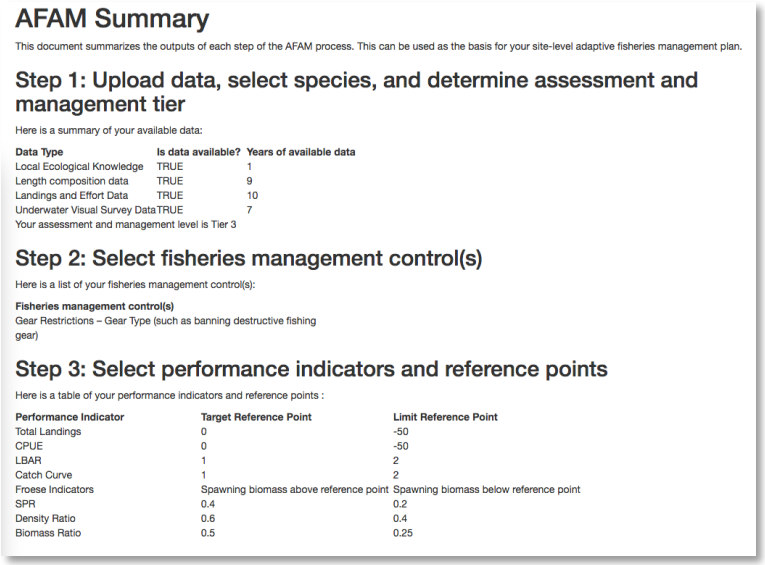
Step 7: Use Harvest Control Rules

- Based on interpretation, which HCR is triggered?
- At this point, you have already defined all HCRs, so it's just a matter of picking the appropriate one



Step 8: Complete Fishery Management Plan (FMP)

- Dashboard creates automatic summary document, which can be used as basis for FMP
- Guidance document also provides expanded FMP template



AFAM Summary

This document summarizes the outputs of each step of the AFAM process. This can be used as the basis for your site-level adaptive fisheries management plan.

Step 1: Upload data, select species, and determine assessment and management tier

Here is a summary of your available data:

Data Type	Is data available?	Years of available data
Local Ecological Knowledge	TRUE	1
Length composition data	TRUE	9
Landings and Effort Data	TRUE	10
Underwater Visual Survey Data	TRUE	7

Your assessment and management level is Tier 3

Step 2: Select fisheries management control(s)

Here is a list of your fisheries management control(s):

Fisheries management control(s)
Gear Restrictions – Gear Type (such as banning destructive fishing gear)

Step 3: Select performance indicators and reference points

Here is a table of your performance indicators and reference points :

Performance Indicator	Target Reference Point	Limit Reference Point
Total Landings	0	-50
CPUE	0	-50
LBAR	1	2
Catch Curve	1	2
Froese Indicators	Spawning biomass above reference point	Spawning biomass below reference point
SPR	0.4	0.2
Density Ratio	0.6	0.4
Biomass Ratio	0.5	0.25

Group Breakout Activity

- Using AFAM Guidance Document, look through instructions and references for Step 6, 7, and 8

- Work through Steps 6-8 using the AFAM Toolkit Online Dashboard and save a copy of your summary report

- Record results in Your AFAM Toolkit Worksheet

Thank you!