Preliminary Comment and Feedback on BioRA

Lao PDR Team

General comment

- Wish to see the overall calibration on FA5,6,7,8 to ensure the data and model can be worked and comparable
- Wish to learn the detail/step on creating DSS project, data preparation and so on
- Some data do not provide by MCs how to work on in the next phase
- Need to check data available at MRC and prioritize the usefulness indicator

Comment on Focus Area and Site

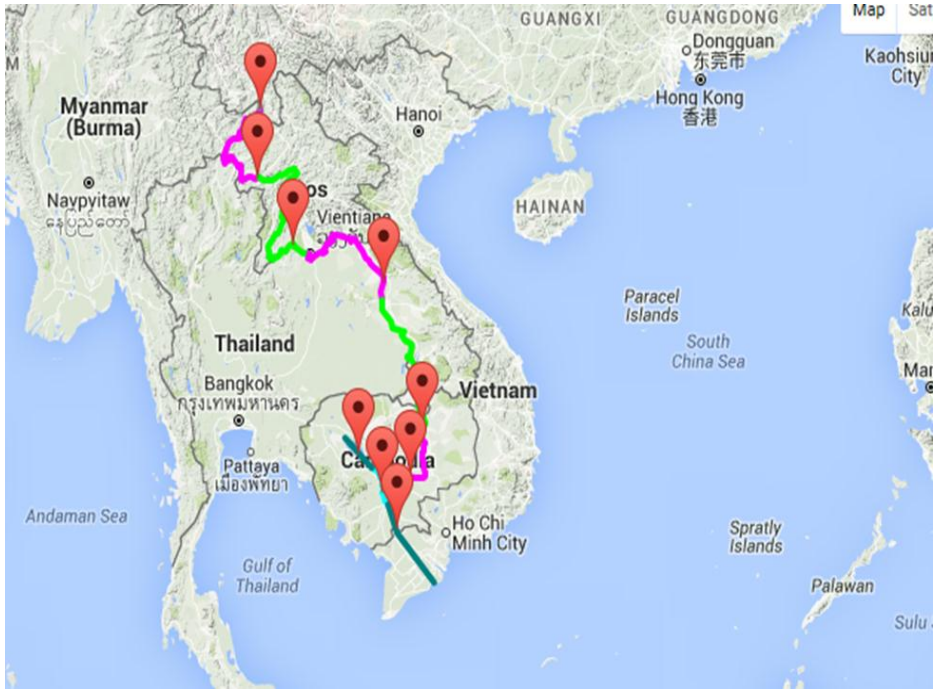
- Focus Area should be represented the river reach and hydrological conditions and, should rename its as a zone

  For Example:

  FA1: Chiangsean-Pakbeng

  FA2: Pakbeng-Vientiane

  FA3: Vientiane-Pakse ~~(Xebangfai)~~
- To avoid member countries or key line agencies confuse. It should specify the site or node which is the downstream of zone.



Comment on Hypothesis Scenarios

- We observed there is no scenarios represent for the extreme flood season

(added the future extreme flood and extreme drought periods).

- It should be make sure that the Hypothesis Scenarios should represent the behavior on actual Cumulative scenarios in order to accurate the correct response curve
- We need more demonstration or guidance how to import the data into each hypothesis Scenarios
- Is there any criteria or reference how DRIFT Team identify each CS especially CS5 and CS8, CS9 and as well as CS10…
- As There is river, lake and flood plains in LMB so that Hypothesis will depend on each area. As The characteristic of upper part and lower part is different

Comment on Software

- We observed there are still some bug, there is several time that we will open then close and open again there is some error. With this regard, DRIFT team should make it smooth to apply
- To make sure model is sustainable. The software license should be not expired shortly
- It should include the "help button" to assist and guide user when something wrong
- The guide should be provide link with help button

Indicator

- There are much indicator which might re-scope based on indicator in Phrase 2
- In case if DSF can not generated some indicator for DRIFT, it is better that this indicator should be re-investigated and if it is not sensitive, it should be ignore.
- The DRIFT Team should prioritize the key indicator which should be to address to ensure the result that can meet the main objective of Council Study. And How is link with Other discipline team such as social and macro-economic?

Indicator

- We observed that there is some indicator that put into model but do not investigate for response curve. For example: Fish indicator (connectivity from Upstream or Tributary).
- If there is investigate, Please do not add into model as it make user confuse.
- To provide the definition of each indicator (put into separate abbreviation or appendix)

Response Curve

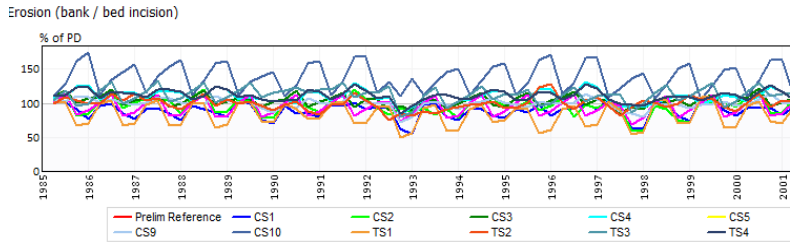
- Response curve should have reference. It is certain that it should not only based on the expertise of specially, but also combine with the existing reference
- It should provide the guide how to adjust response curve. What is the range of acceptable value of mean and median (this link with which function?), accuracy?
- The statistic analysis of this function should be provided

DRIFT Data

- In DRIFT should have a function: Import time series form DSF
- Hydrological data of each Focus area should make clear with the station name is represent for those FA.

DRIFT Function

- In Analysis function: should be added "ON" and "OFF" compare graph in shown graph



Others

- All available MRC fish catch data should be used for status and trend analysis (We observed that only data from Laos, Cambodia and Vietnam are used)- no data from Thailand??
- We observed that almost data to support the model was from second data (some indicators we should have field visit)

Other Technical Comments will provide through official letter at the end of this month

Thank you for Kind attention