

Phase 6 Climate Change Model Development

Gary Shenk and the CBPO modeling team

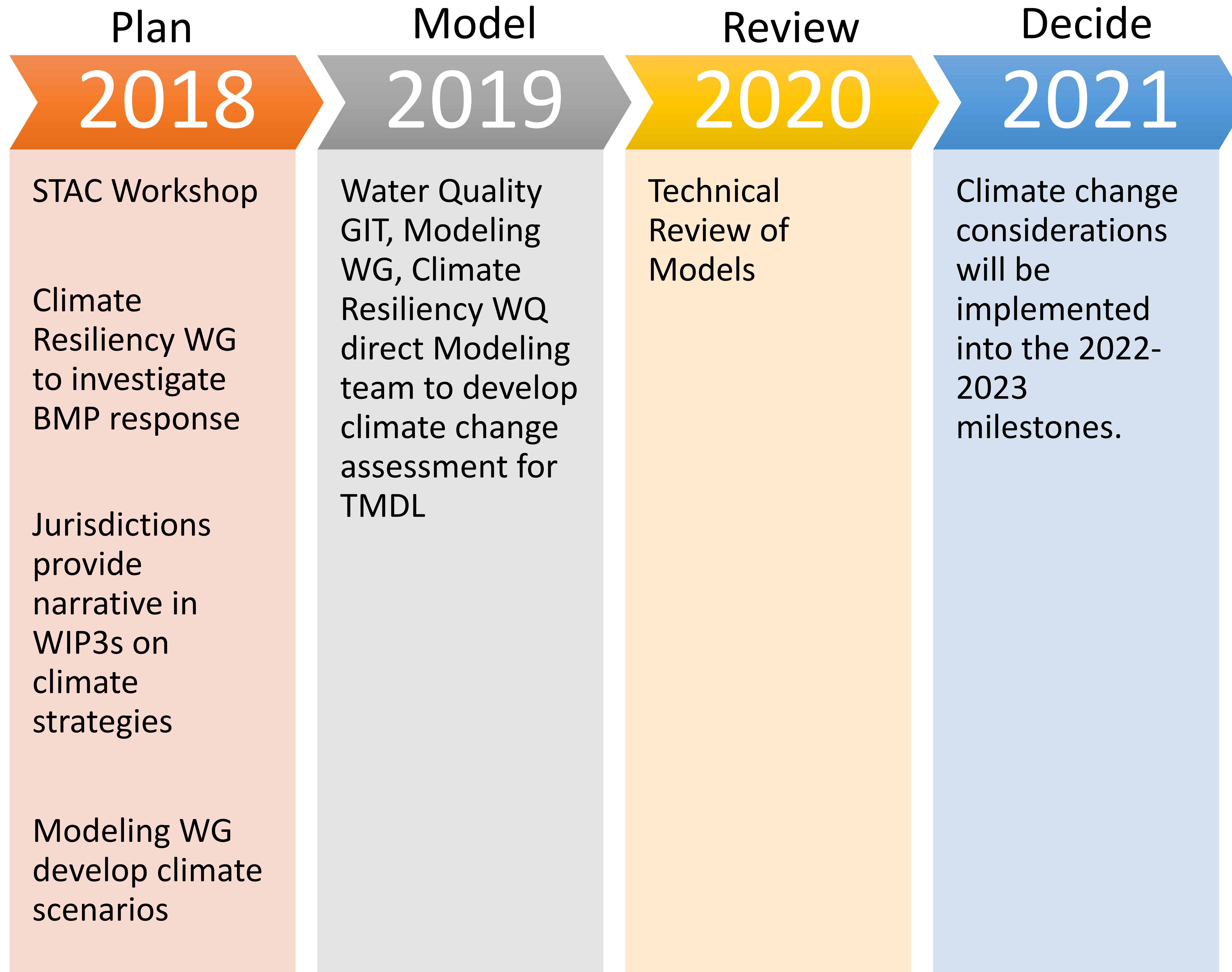
10/8/19

Presentation to MWG

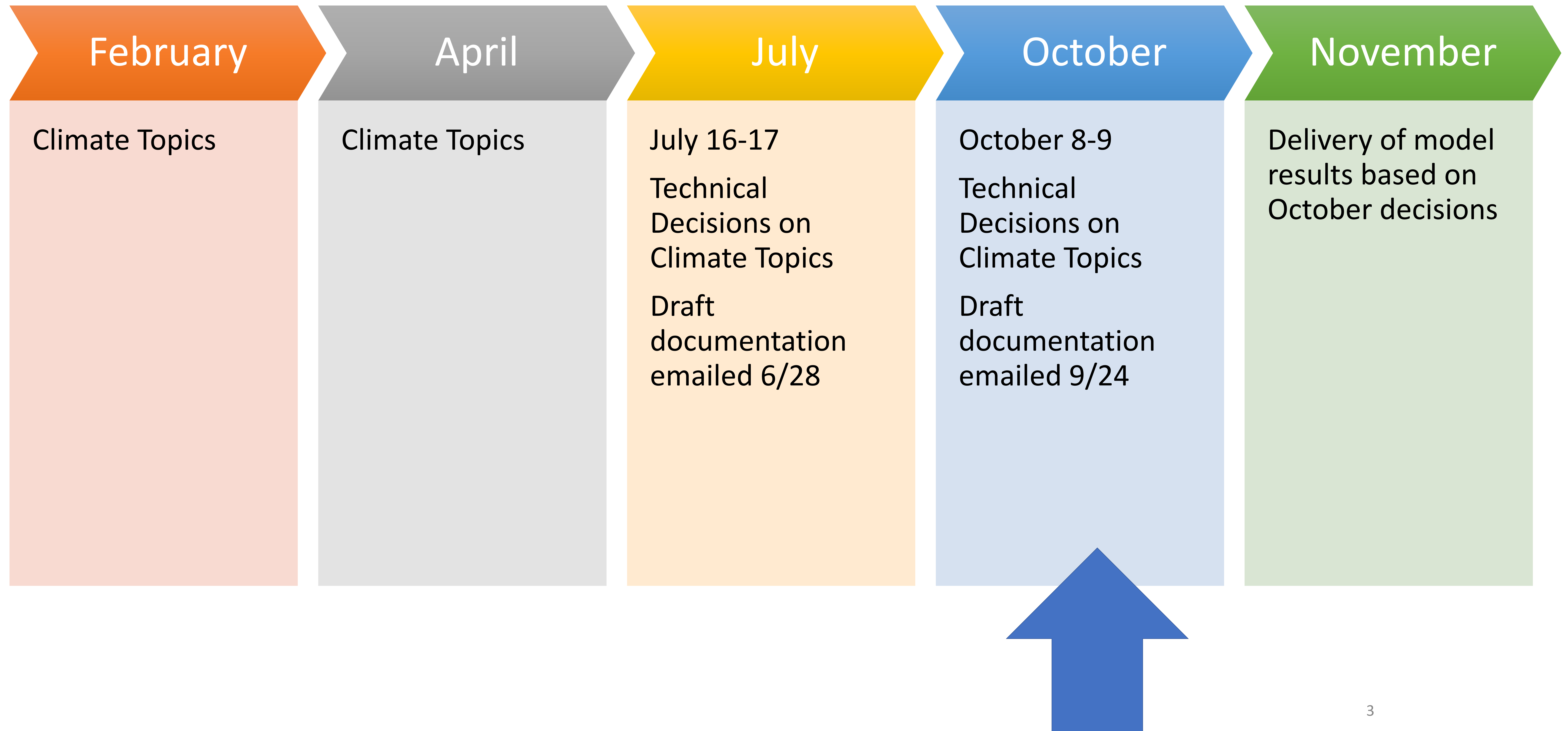
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Preliminary Information-Subject to Revision. Not for Citation or Distribution

CBP Climate Work Plan



CBP 2019 MWG Climate Work Plan



Approval Process

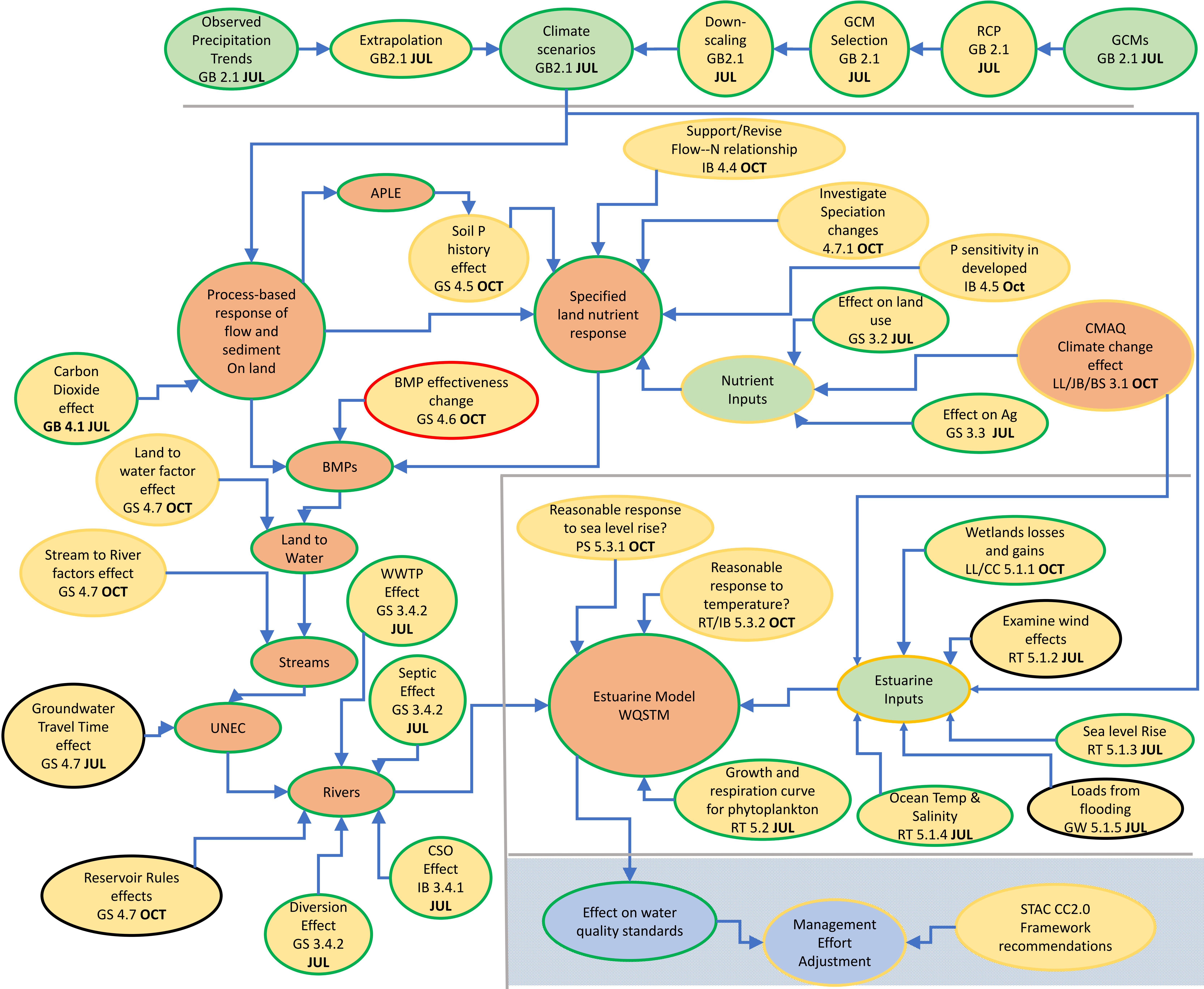
- Topics split into July and October quarterly meetings
- November delivery for final model results
- October topics
 - Documentation for July topics sent out to MWG, CRWG, and interested parties Sept 24th
 - Next two days – more in-depth presentation of October topics
 - Ask for approval from MWG today
- This presentation – Overview of all and brief description of October topics

Climate Change Processes and Dependencies

Model
Data Set
Endpoint
Project/Decision

- Complete
- In Process
- Not included But important
- Not included minor

Initials indicate the responsible person
Numbers indicate the section of the documentation



Climate

Watershed

Estuary

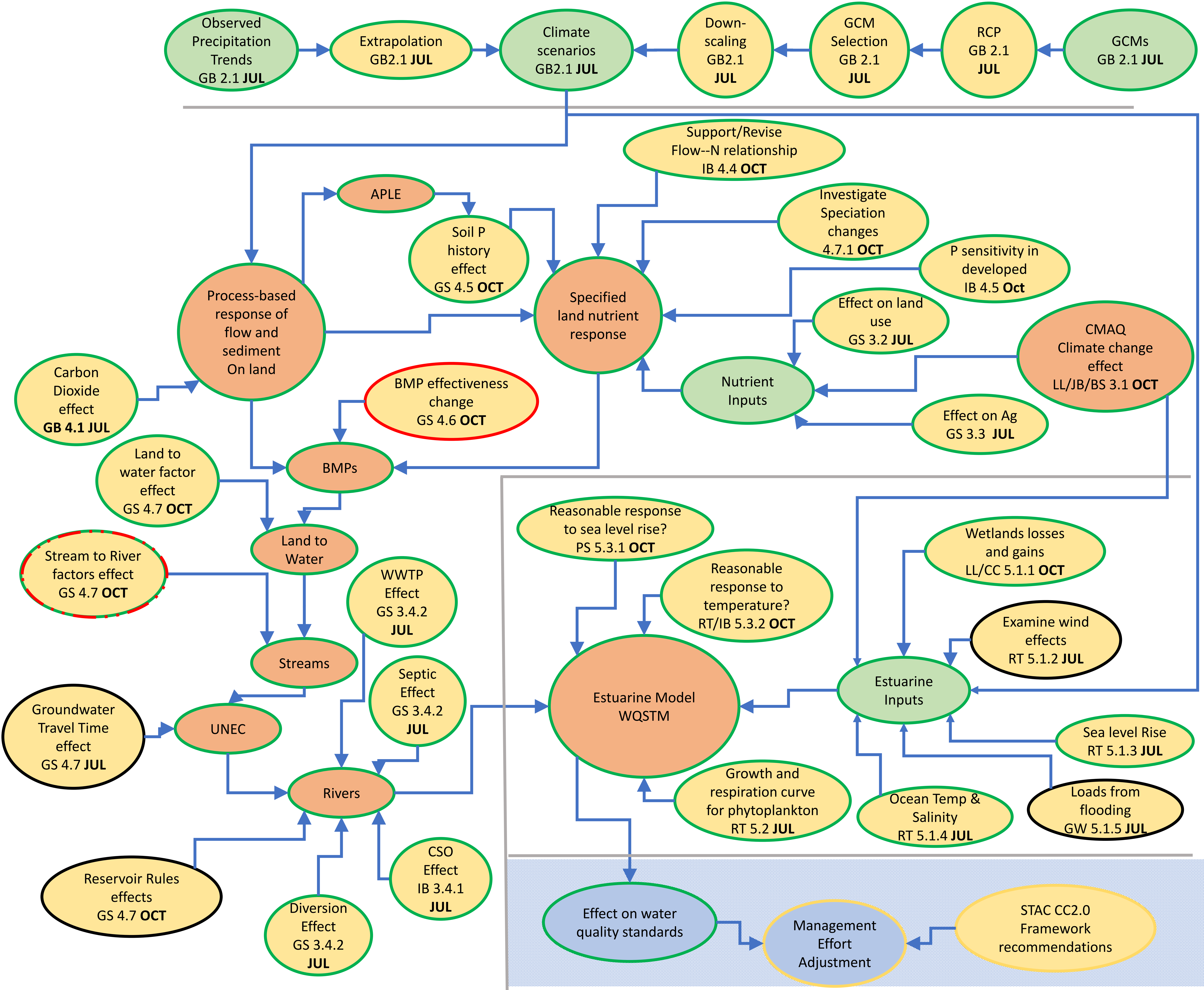
Management

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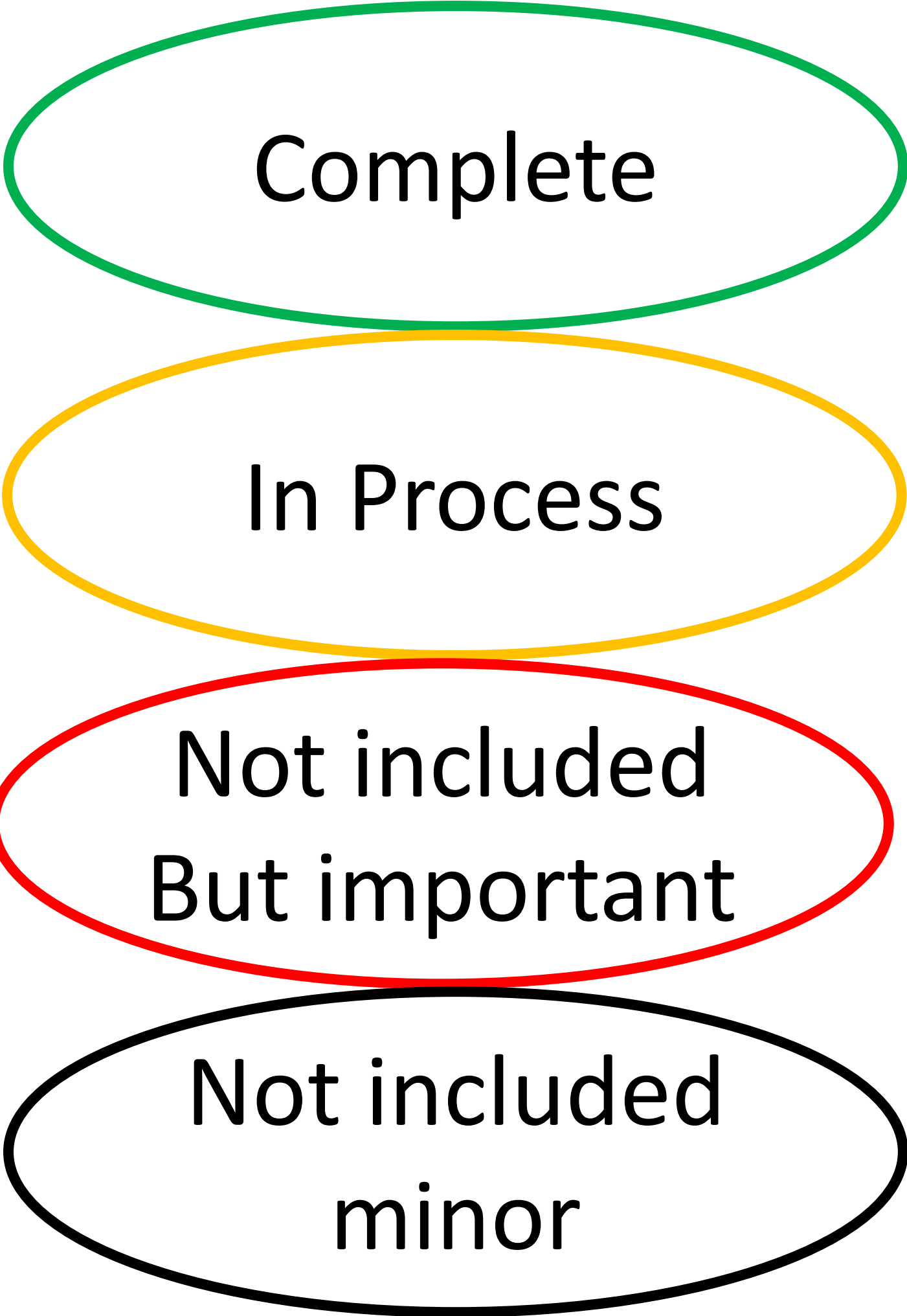
Climate Change Processes and Dependencies

Model

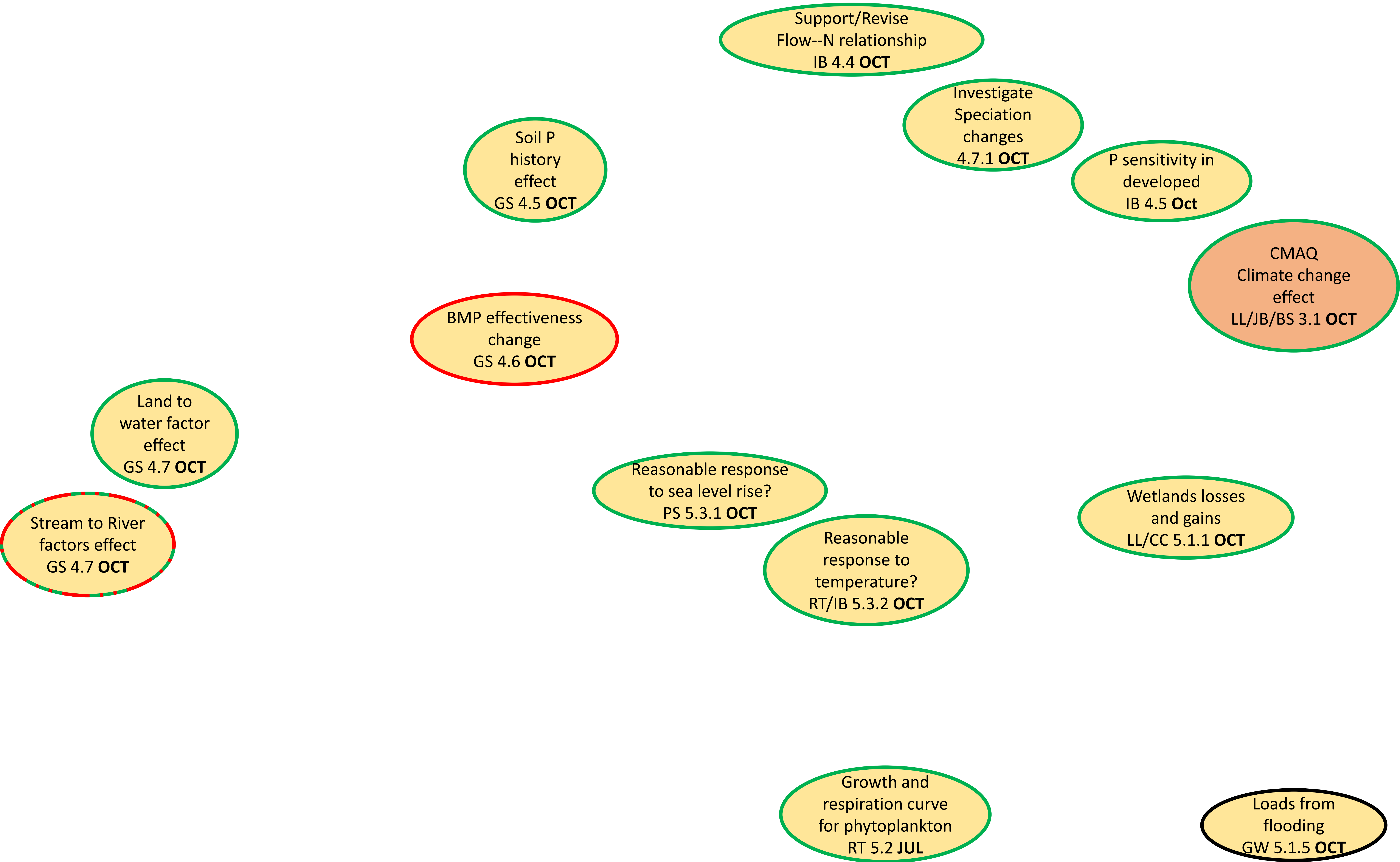
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This presentation

Soil P history
effect
GS 4.5 **OCT**

Land to water
factor effect
GS 4.7 **OCT**

Stream to River
factors effect
GS 4.7 **OCT**

BMP effectiveness
change
GS 4.6 **OCT**

Loads from flooding
GW 5.1.5 **OCT**

Margie Mulholland
12:30

Isabella Bertani

10:30 Today

Investigate
Speciation
changes
4.7.1 **OCT**

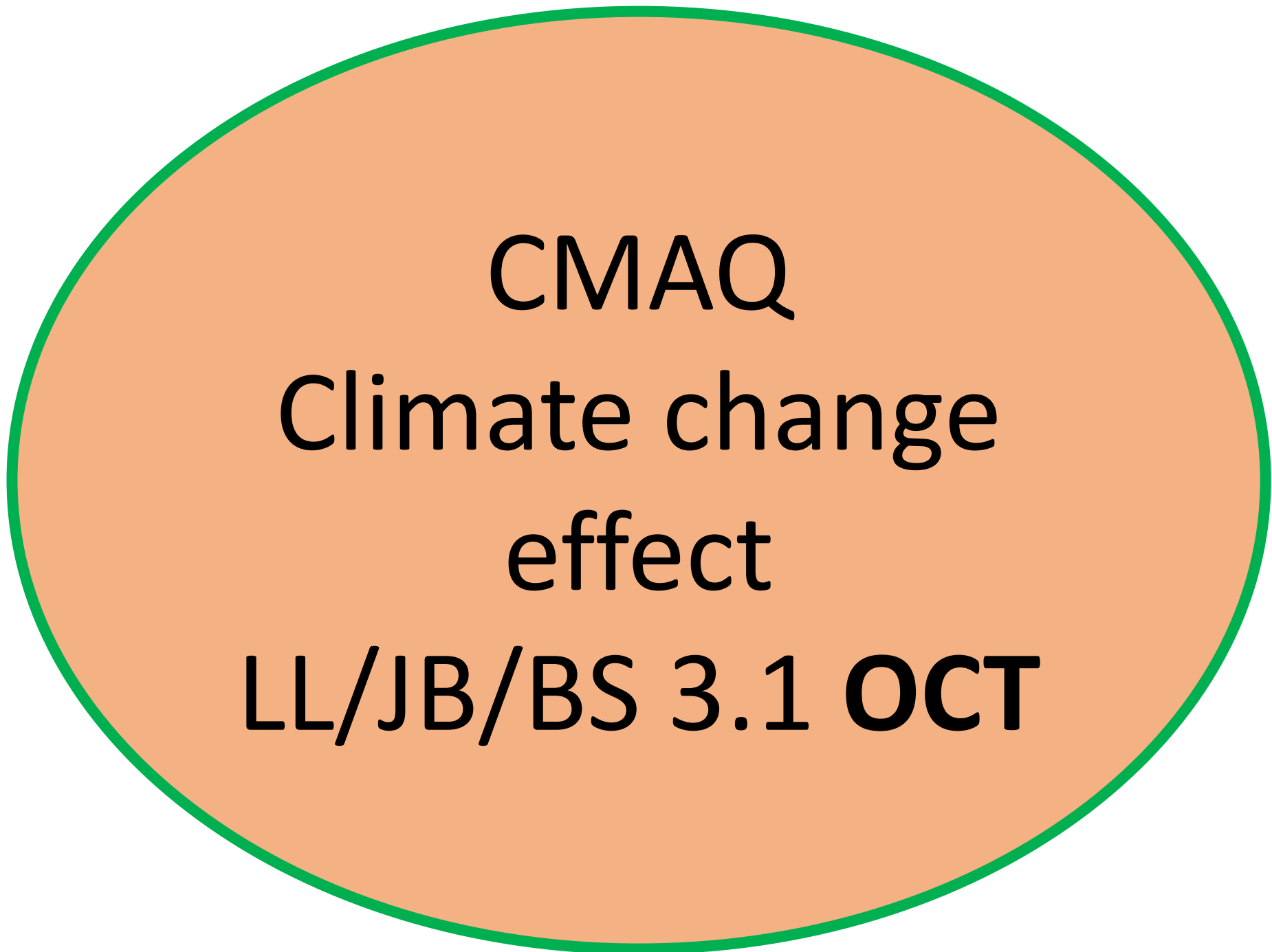
11:00 Today

Support/Revise
Flow--N relationship
IB 4.4 **OCT**

11:30 Today

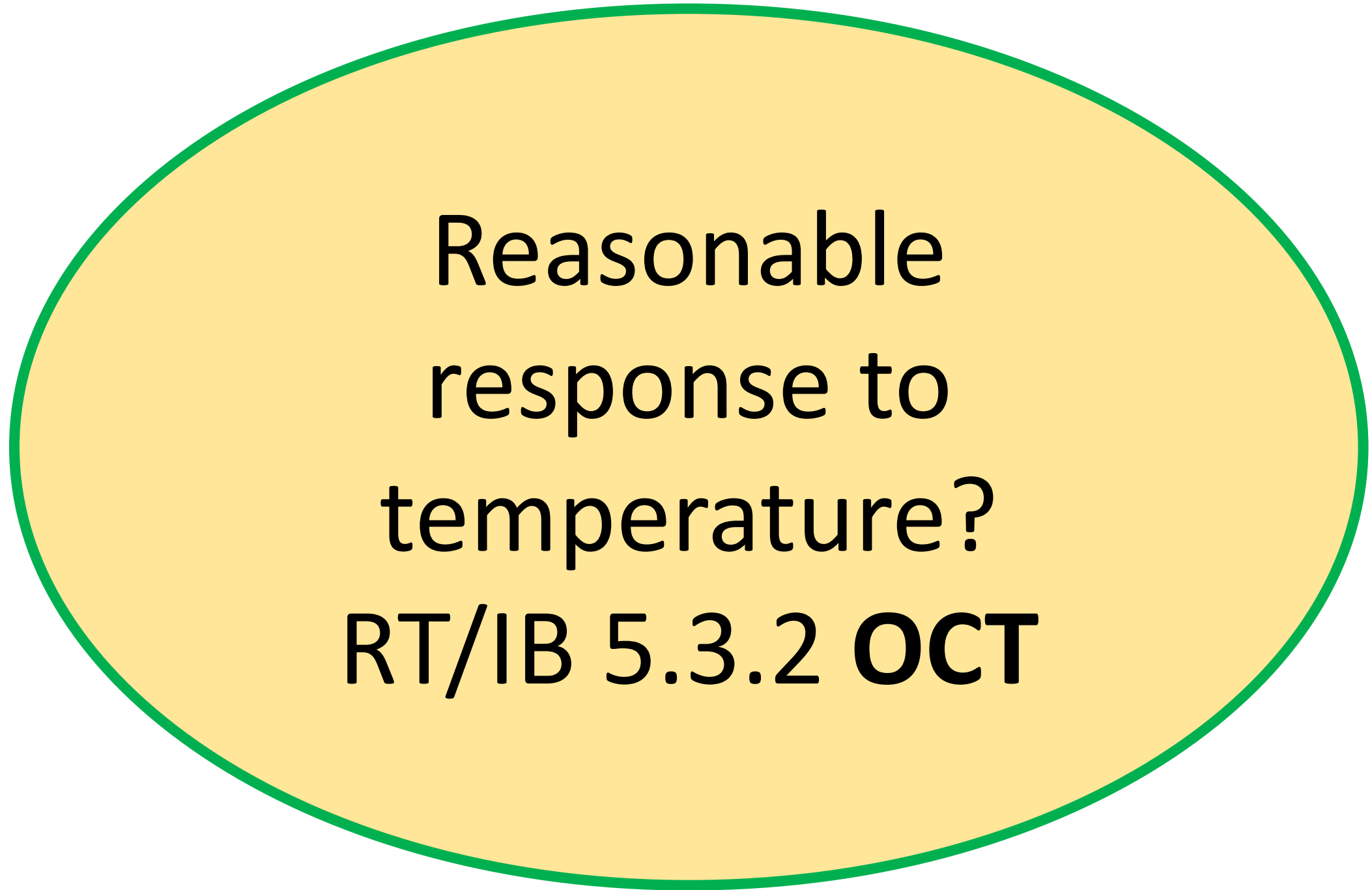
P sensitivity in
developed
IB 4.5 **Oct**

Gopal Bhatt and Jesse Bash noon



CMAQ
Climate change
effect
LL/JB/BS 3.1 **OCT**

Richard 11:00 tomorrow



Reasonable
response to
temperature?
RT/IB 5.3.2 **OCT**

Carl Cerco 10:05 tomorrow

Wetlands losses
and gains
LL/CC 5.1.1 **OCT**

Lewis Linker 10:30 tomorrow

Reasonable
response to sea
level rise?
PS 5.3.1 **OCT**

CBP 2019 MWG Climate Work Plan

