Decision Options in ROMS drivers

Which scenario to select?

Load		NITROGEN						
		100%	90%	80%	60%	50%	40%	20%
PHOSPHORUS	100%							
	90%							
	80%							
	60%							
	50%							
	40%							
	20%							

Decision Options in ROMS drivers

Focus on the 90 – 60% load range

Load		NITROGEN						
		100%	90%	80%	60%	50%	40%	20%
PHOSPHORUS	100%							
	90%							
	80%							
	60%							
	50%							
	40%							
	20%							

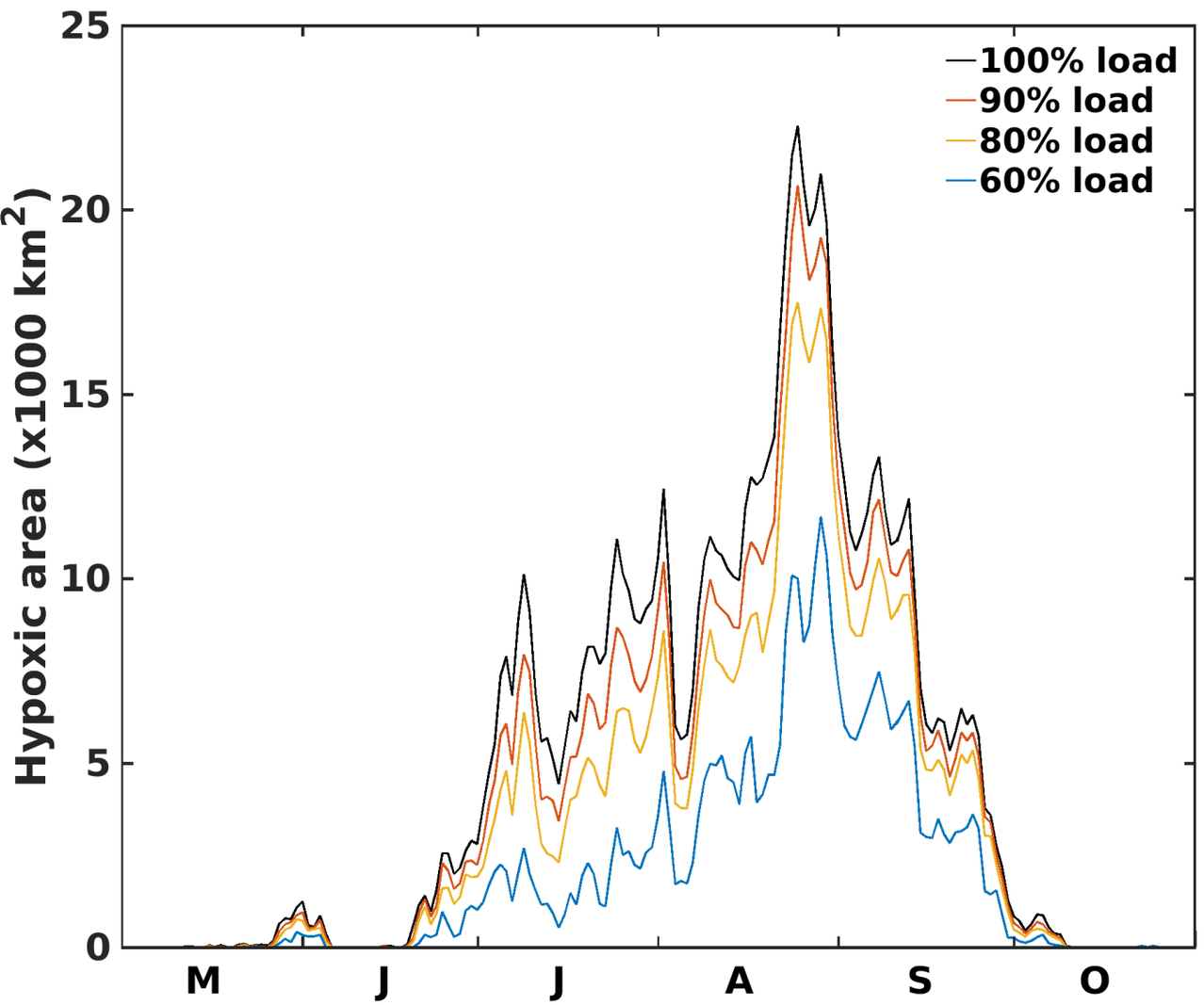
Decision Options in ROMS drivers

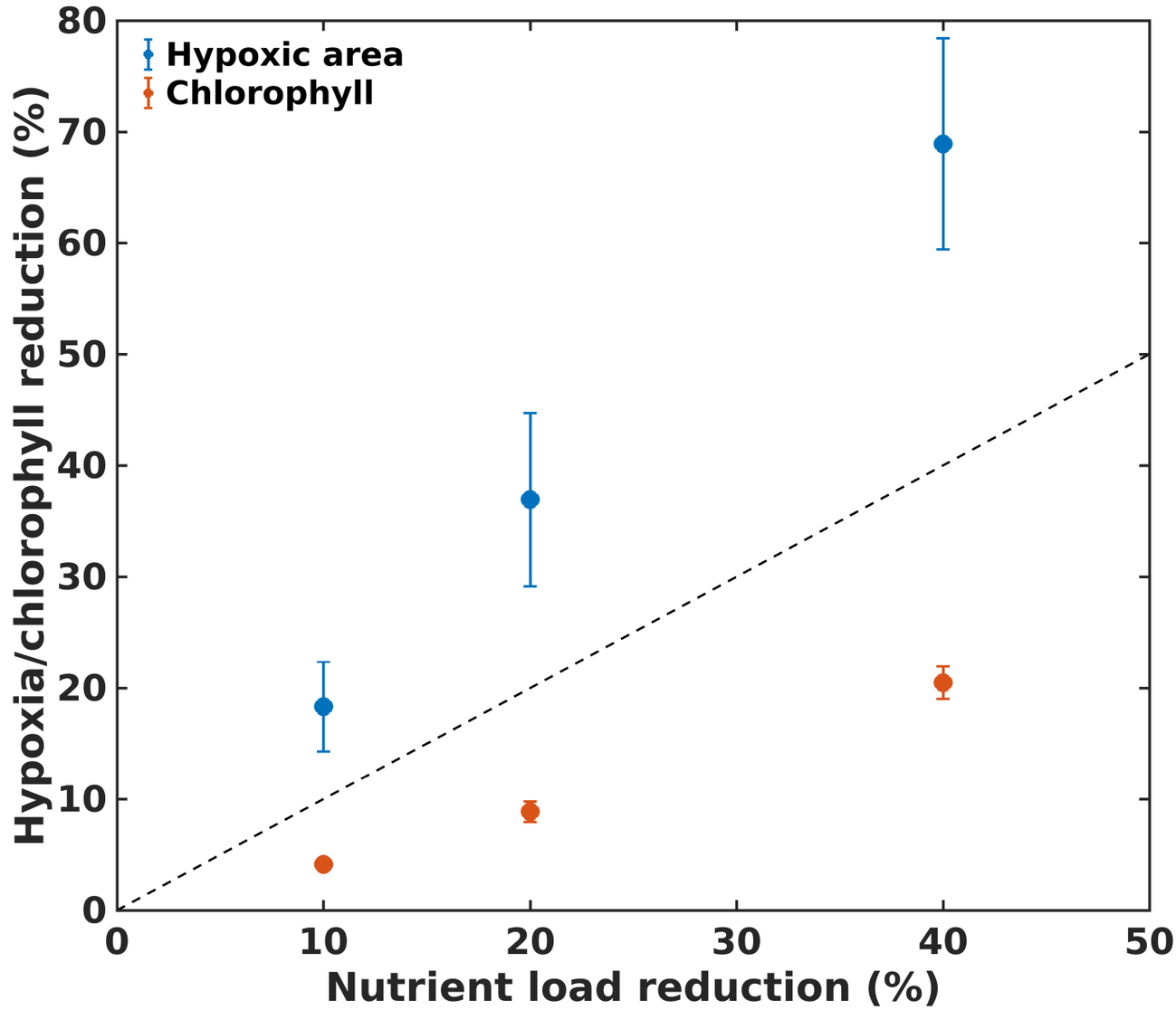
Focus on the 90 – 60% load range

Load		NITROGEN						
		100%	90%	80%	60%	50%	40%	20%
PHOSPHORUS	100%							
	90%							
	80%							
	60%							
	50%							
	40%							
	20%							

Decision Options in ROMS drivers

- 80% and 60% TN and TP load cases are good candidates for testing the effects of hypoxia mitigation scenarios
- 60% load: Long term hypoxia mitigation strategy





Decision Options in ROMS drivers

What scenario for TN vs. TP load reduction strategies?

Load		NITROGEN						
		100%	90%	80%	60%	50%	40%	20%
PHOSPHORUS	100%							
	90%							
	80%							
	60%							
	50%							
	40%							
	20%							

Decision Options in ROMS drivers

What scenario for TN vs. TP load reduction strategies?

Load		NITROGEN						
		100%	90%	80%	60%	50%	40%	20%
PHOSPHORUS	100%							
	90%							
	80%							
	60%							
	50%							
	40%							
	20%							

Decision Options in ROMS drivers

What scenario for TN vs. TP load reduction strategies?

Load		NITROGEN						
		100%	90%	80%	60%	50%	40%	20%
PHOSPHORUS	100%							
	90%							
	80%							
	60%							
	50%							
	40%							
	20%							

Decision Options in ROMS drivers

What scenario for TN vs. TP load reduction strategies?

Load		NITROGEN						
		100%	90%	80%	60%	50%	40%	20%
PHOSPHORUS	100%							
	90%							
	80%							
	60%							
	50%							
	40%							
	20%							

Decision Options in ROMS drivers

What year: full time range? dry vs. wet years?

Variables:

- **Phytoplankton**
- **Chlorophyll**
- **Zooplankton**
- **Organic Matter**
- **Oxygen**
- **Temperature**
- **Salinity**