

PML

Plymouth Marine
Laboratory

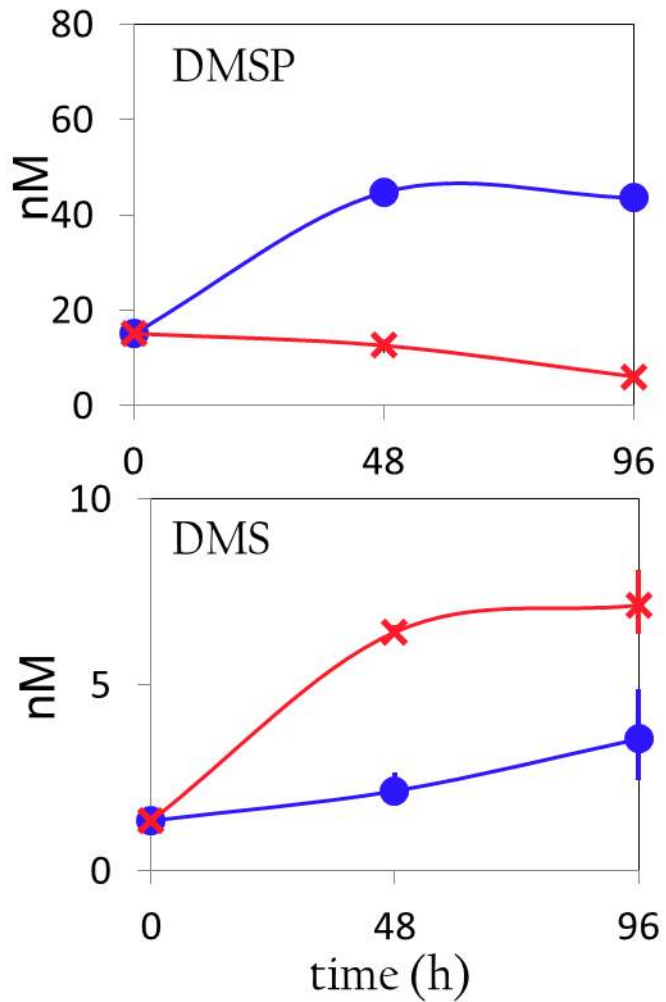
Listen to the ocean

In-silico experiments for testing ecosystem sensitivity to high CO₂

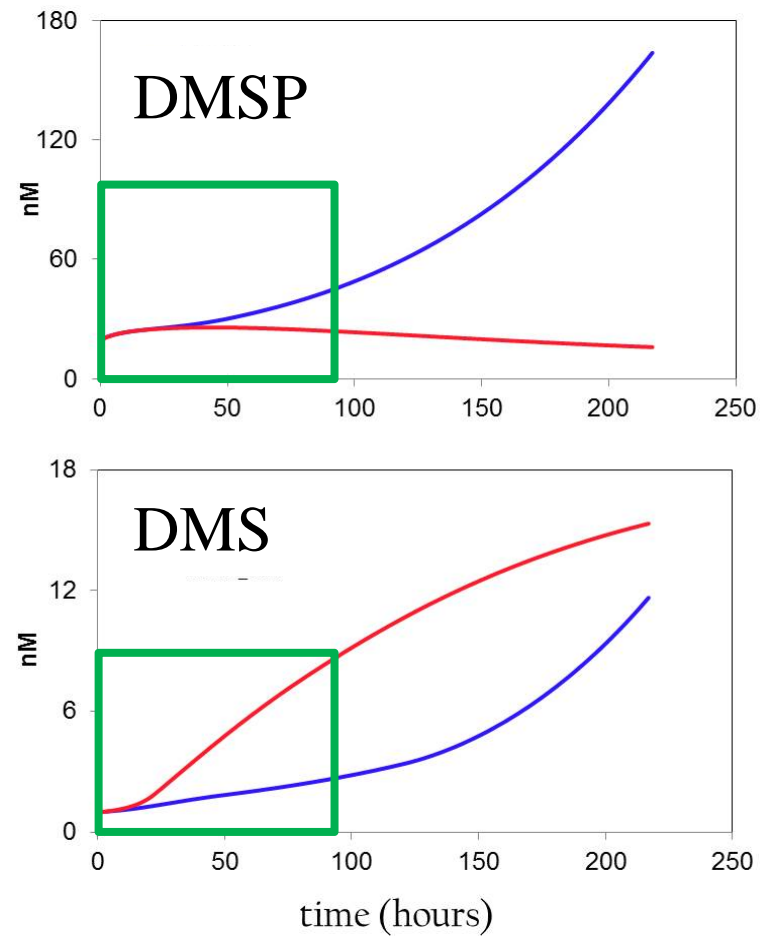
Y. Artioli, L. Polimene, F. Hopkins, J. Blackford

Models as in-silico experiments

experiment



model



Conclusions

- Observations, experiments and models are not separate entities, they have to be thought as a unicum
- Let modellers planning the experiments (and experimentalists design the models)
- In-silico experiments are possibly the only controlled experiments where we can measure OA impact at a realistic scale