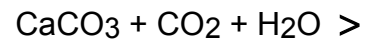


Figure 3

The ocean's DS – OG disequilibrium is now in the reverse direction, net downward. Its magnitude (CO<sub>2</sub> transfer rate) is 10 Gt /yr. [DS – OG = 13 – 3 = 10 Gt] That is about 12 times greater than normal [10 Gt / 0.8 Gt = 12 X], which swamps WT.

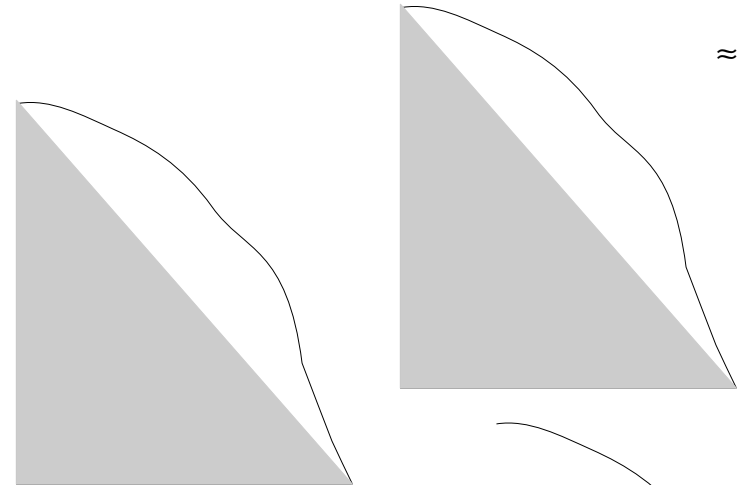
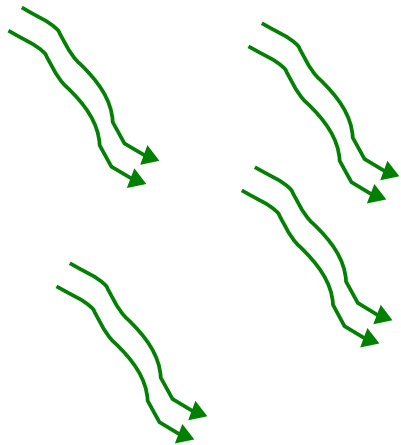
The land-sea CO<sub>2</sub> system is drastically out of balance. CO<sub>2</sub> is accumulating in both air and water.

H<sub>2</sub>O

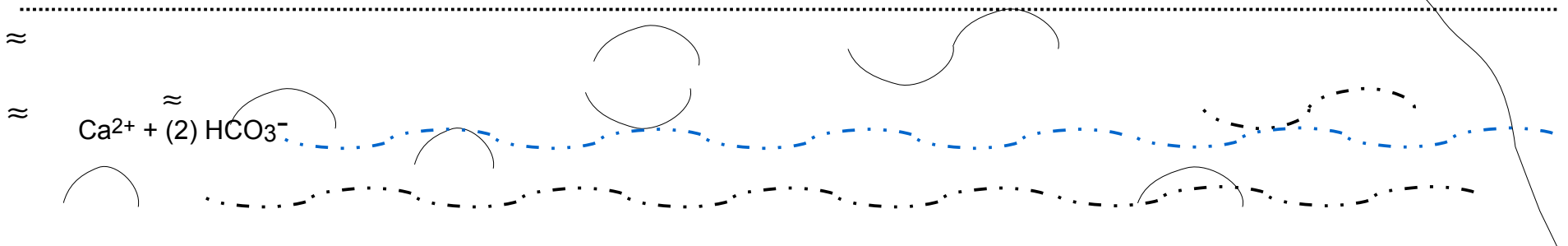


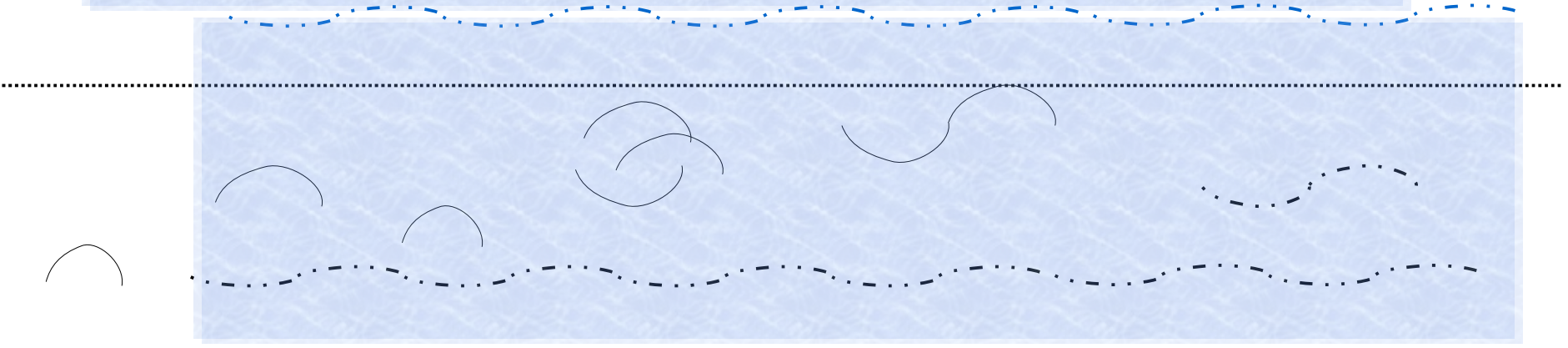
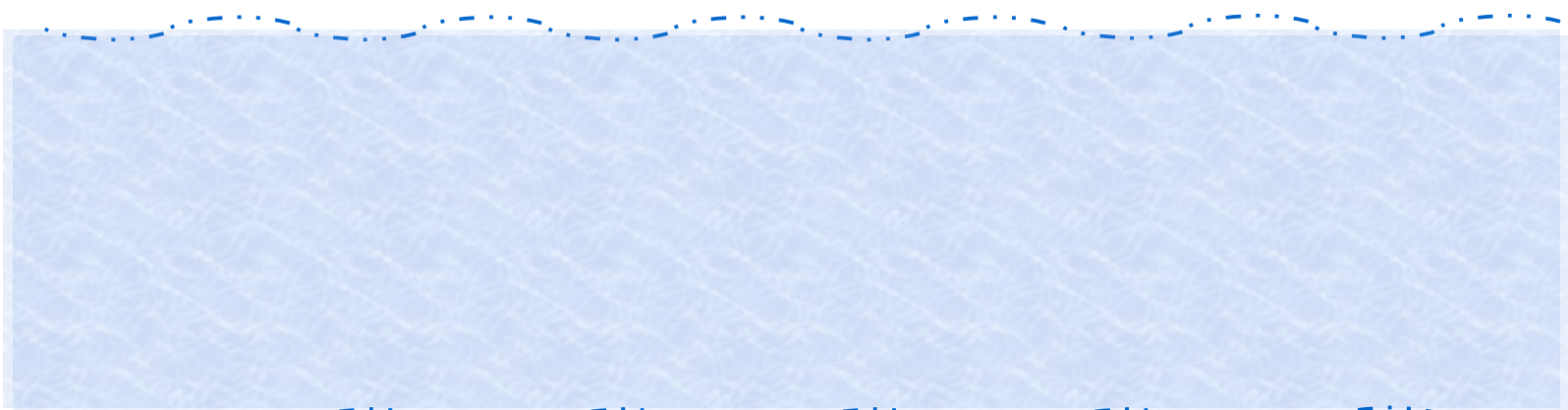
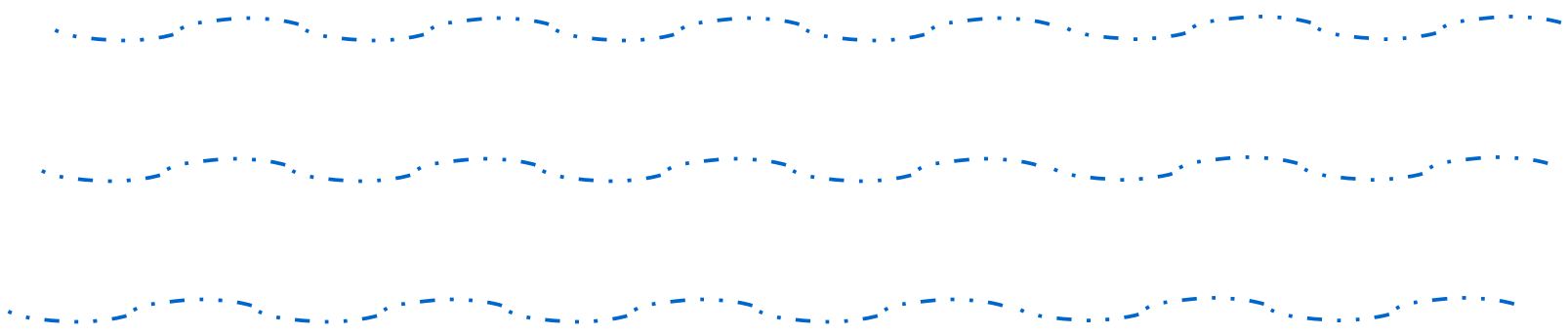
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CO<sub>2</sub>  
dissolution  
(DS)  
Free  
CO<sub>2</sub>  
free  
dissolved