Phytoplankton community structure from ocean colour: methods, validation, intercomparison and application

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Why we want PFTs?

Orr et al., 2005

Also, Ca-fixers may be vulnerable to the ocean acidification, in such a case their change can be used to infer impact of the acidification on marine ecosystems.

e.g.) Cocolithophores

e.g.) Phaeocystis in the Southern Ocean

http://www.co2.ulg.ac.be/peace/intro.htm
Who is playing a “critical role” within an ecosystem? Its answer is important for “ecosystem stability”, hence “ecosystem-based management”

Big eats small. Size is a matter.