Fish Poo Vital In Fight Against Climate Change

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January 16, 2009 – According to a recent study by a team from the University of Exeter (UK), fish excretions play a key role in maintaining the ocean's delicate pH balance.

Bony fish excrete lumps of calcium carbonate, known as "gut rocks," thought to dissolve in the upper layers of the ocean. The study posits that the sheer amount of gut rocks produced plays a key role in buffering the carbon dioxide that acidifies seawater.

"This study really is the first glimpse of the huge impact fish have on our carbon cycle - and why we need them in the ocean," says Villy Christensen, a member of the team from the University of British Columbia (Canada).

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