

## **Using isotope data to better quantify components of the global nitrogen cycle – Workshop 26.10.07, Univ. Bristol**

The idea for this workshop came about at the Young Scientists “networking” event at the last QUEST meeting. And we believe it has resulted in quite good networking. In total, 11 people were present at the meeting. It started with three invited talks covering current understanding of nitrogen isotopes and nitrogen cycling in terrestrial and ocean environments, as well as nitrogen cycle modelling. The talks were followed by discussion. The questions discussed included how to develop a simple but powerful theory for interpreting natural abundance  $^{15}\text{N}$  data. It was agreed that the theory needs to be able to explain trends in abundances along environmental gradients. The theory could then also be used to determine which measurements are most needed to advance our understanding.

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