1.1 Ambient concentrations

1.1.1 Nitrate
1.1.2 Nitrite
1.1.3 Ammonium
1.1.4 Urea
1.1.5 DON (Dissolved Organic Nitrogen)
1.1.6 PON (Particulate Organic Nitrogen)
1.1.7 Chlorophyll a and Phaeopigments

1.2 Uptake studies

1.2.1 Nitrate
1.2.2 Ammonium
1.2.3 Urea

1.3 Nitrification studies

2 Nitrogen uptake in oceanic waters

1.1 Materials and methods

1.2 Results

1.3 Discussions

2.3.1 Nutrient export
2.3.2 Nitrogen uptake
2.3.4 Nitrogen utilisation
2.3.5 Implication for phytoplankton production

Summary and Conclusions

References

Appendix