

**Dataset title:** Inorganic nutrients from CTD niskin collected depth profiles

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**Project:** TONGA

**Funded by:** ANR, LEFE, Fond FOF, AMIDEX, IRD,

**Dataset abstract:**

**Sampling protocol/ collection details:** 20 ml of filtered water samples were collected into HDPE flasks. Filtration by gravity was done through a Sartobrand cartridge (Sartorius Sartrobran-P-capsule 0.45 mm prefilter and 0.2 mm final filter) from each CTD niskin. Filtrates for nitrite, nitrate et phosphate (20ml HDPE bottles) were frozen at -20°C and stored until analysis. Silicates samples were only refrigerated until analysis.

**Analytical protocol/ method:** Analysis were performed at the return of cruise using an automated colorimetric procedure (Aminot and Kerouel, 2007). Aminot, A., K  rouel, R., 2007. Dosage automatique des nutriments dans les eaux marines : m  thodes en flux continu. Ed. Ifremer, M  thodes d  analyse en milieu marin 188 pp.