

# ARGO National Report 2017 – The Netherlands

## 1) Status of implementation

The Dutch Argo program started in 2004 and is run by the Royal Netherlands Meteorological Institute (KNMI).

The Netherlands are a founding member of the Euro Argo ERIC.

Contribution to the Argo array:

- 83 floats have been purchased
- 10 await deployment
- 15 are working

In total 14 floats have been purchased in 2015 and 2016. Four of them have already been deployed. The other ten are currently on board of a ship and will be deployed until April.

## 2) Present level of (and future prospects for) national funding for Argo including summary of human resources devoted to Argo.

In their observation strategy adopted in 2006 KNMI has expressed the intention to deploy about 7 floats per year, a level that could be kept during the past years.

However, the budget is currently under pressure, and it is likely that less floats can be purchased in 2017 and beyond.

One person (Andreas Sterl) is working on ARGO. He does so besides his other duties.

## 3) Summary of deployment plans (level of commitment, areas of float deployment) and for other commitments to Argo for the coming year (and beyond where possible).

Fourteen floats are to be deployed in the Southern Atlantic Ocean (including the Southern Ocean) in the austral summer 2016/17. Four have already been deployed. Further plans are currently under consideration.

## 4) Summary of national research and operational uses of Argo data

Argo data and/or products derived from Argo data are used to initialize climate models by groups at KNMI and Utrecht University.

Process studies using Argo data are performed at the Netherlands Institute for Sea Research (NIOZ).

## 5) Issues that your country wishes to be considered (and resolved) by AST regarding the international operation of Argo

Nothing.

## 6) CTD data uploaded to CCHDO

Yes.

## 7) Bibliography

Aguiar-González B., Ponsoni L., Ridderinkhof H., van Aken H. M., de Ruijter W. P. M., Maas L. R. M. (2016): Seasonal variation of the South Indian tropical gyre. Deep-Sea Res., Part 1, Oceanogr. Res. Pap. 110: 123–140, doi: 10.1016/j.dsr.2016.02.004