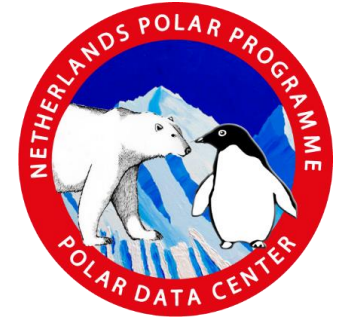




Royal Netherlands Institute for Sea Research



Netherlands Polar Data Center

National report 2018

ADC – Geneva

28 November 2018

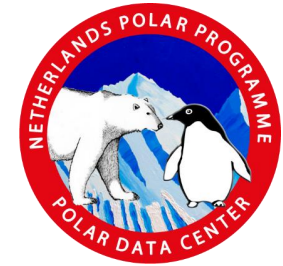
Marten Tacoma & Taco de Bruin

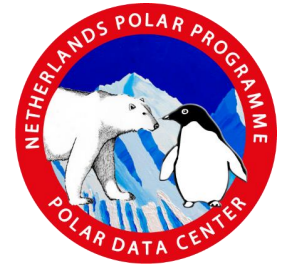
Royal NIOZ is part of NWO-I, in cooperation with Utrecht University




Utrecht University

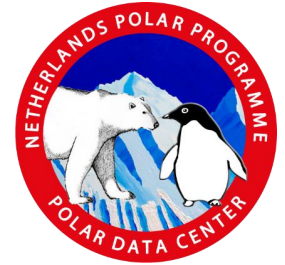
Dutch portal – npdc.nl





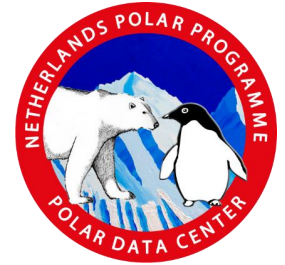
Dutch portal – npdc.nl

- Overview of results from Dutch Polar Research
- Linked data set descriptions, publications & projects
- Operational for over a year
- Researchers: “Easy to use editor”
- Funded by  under Netherlands Polar Program
- Export to GCMD



GCMD DIF

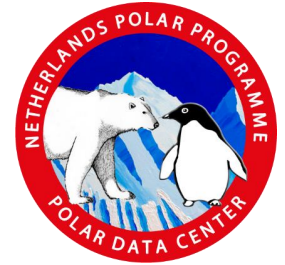
- Long established standard for Antarctic data
- Many researchers active in both polar regions
 - In single project or over multiple projects
 - Different standards for different regions would be very annoying for these researchers



Available to the community

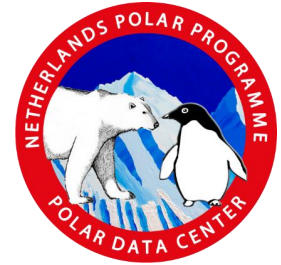
- Based on open software
 - Apache or NGINX
 - PHP 7
 - MySQL, MariaDB or PostgreSQL
- Open source
 - github.com/npdc/portal





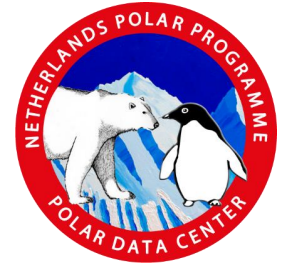
Current data holdings

- 46 data set descriptions (DIF)
 - 18 Arctic
 - 25 Antarctic
 - 3 Both polar regions
- 106 publications



2018 results

- Training of researchers in working with the portal
- New submissions since Montreal
 - 1 (Arctic) data set
 - 15 new publications from 7 different author groups
- Data submission is not a technical problem but a community problem
- Credit for data set publication of paramount importance



Choosing a standard

- ADC to decide on standard?
- Service by GCMD of variable quality
- Federated search/schema.org