

Data Analysis Working Group  
(DA-WG)

2013-2014 report

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# Framework documents

- DA-WG Charter  
[https://homepage.usask.ca/~pbp672/Data\\_Analysis\\_WG\\_Charter.pdf](https://homepage.usask.ca/~pbp672/Data_Analysis_WG_Charter.pdf)
  - WG mandate, responsibilities and membership

Mandate: “*Maintenance, improvement, and distribution of the core data analysis procedures/software.*”

- Procedure for implementing major changes to the software  
[https://homepage.usask.ca/~pbp672/Data\\_Analysis\\_WG\\_Implementation.pdf](https://homepage.usask.ca/~pbp672/Data_Analysis_WG_Implementation.pdf)
  - formal way for testing and introducing fundamental changes

# DA-WG personnel

- Chair:
  - Pasha Ponomarenko (pasha.ponomarenko@usask.ca)
- Vice-chair:
  - AJ Ribeiro (ribeiro@vt.edu)
- Members:
  - Jef Spaleta
  - Ellen Cousins (ecousins@ucar.edu)
  - Jianjun Liu (liujianjun@pric.gov.cn)
  - Andrew McDonald (A.J.McDonald@latrobe.edu.au)
  - Nigel Wade (nmw@ion.le.ac.uk)
- Observers:
  - Dieter Andre (dieter.andre@usask.ca)

# Web support

- WG webpage

<https://homepage.usask.ca/~pbp672/DAWG.html>

- Basic information
- Supplementary material
- Tasks

- github depository

<https://github.com/SuperDARN-DA-WG/sd-data-analysis>

- semi-official RST

# Past/current WG tasks

Regular tasks (performed):

- Task #1: missing DOF term
- Task #2: "bad phase" flag
- Task #3: cumulative CRI level
- Task #4: misreading AACGM coefficients

Major task (planned):

- Optimisation of fitting routines (based on Pasha's tutorial at SD'13)