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# WDC Update: WOUDC

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**Canada** 

# WOUDC Updates

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- Data Centre Manager transition
- Enhancements / Upcoming Release
  - Guidebook updates
  - Collaborative Tools
- Related Data Centres / Federation
- Near Real-time Data
- Guidebook updates
- Collaborative Tools

# Data Centre Manager Transition

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- Tony Colavecchia retirement
  - Manager 2012 – 2017
  - Guided renewal
  - WOUDC is grateful for his valuable contributions and leadership to WOUDC and our organization
  - Thank you Tony and best of luck in the future!
- Tom Kralidis new Data Centre Manager
  - Geospatial / Data Management
  - Standards / Interoperability (OGC / ISO / W3C)
  - Architect of WOUDC renewal

# Enhancements / Upcoming Release

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- 2016 Key Enhancements
  - Data Centre Validation Services
    - Data Format Validation
    - Quality Assessment (OzoneSonde, TotalOzone daily)
  - Enhanced download (data blocks/profiles)
  - Infrastructure migration completed
  - New dataset: RocketSonde

# Enhancements / Upcoming Release

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- 1.18.0 Release (April 2017)
  - NetCDF output
  - WIGOS Delivery
  - NASA AMES 2160 output for OzoneSonde
  - SHADOZ / NASA AMES / BAS to Extended CSV convertor publishing
  - Qa updates (Spectral)
  - Eubrewnet data search integration
  - Near Real time data: EC Brewer, preliminary data on WOUDC, Total Ozone - CREX
  - brewer calibration data
  - non-standard data format translation services

# Related Data Centres / Federation

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- GAW exchange format (logical model and examples)
- NDACC and EUBREWNET
- Federated Search
- Format conversion
- Explore strengthening data flow linkages

# Near Real-time Data

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- Provisional data submission
  - Timely data of known quality
  - Not fully quality controlled
  - ‘release early, release often’ paradigm
  - ECCO OzoneSonde GTS publishing (CREX)
  - Future: Brewer, Eubrewnet
  - ECCO Total Ozone GTS / WIS publishing (CREX)

# Guidebook Updates

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- Renewed Web-based Guidebook!
- <http://guide.woudc.org/>
- Automated updating
- Managed in the open (GitHub)
- Introduces collaboration and contribution from community



# Collaborative Tools

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- GitHub public offering
- <https://github.com/woudc>
- Public tools
- Managed in the open
- Automated workflow examples:
  - e.g. <https://github.com/woudc/woudc/tree/master/notebooks>
- Wiki: <https://github.com/woudc/woudc/wiki>
  - Howtos
  - Draft Documentation
  - Software links