



World Meteorological Organization

Weather • Climate • Water

Development of WIS

Steve Foreman, WMO Secretariat

Contents

- Status of WIS
- Improving WIS
- Extending WIS



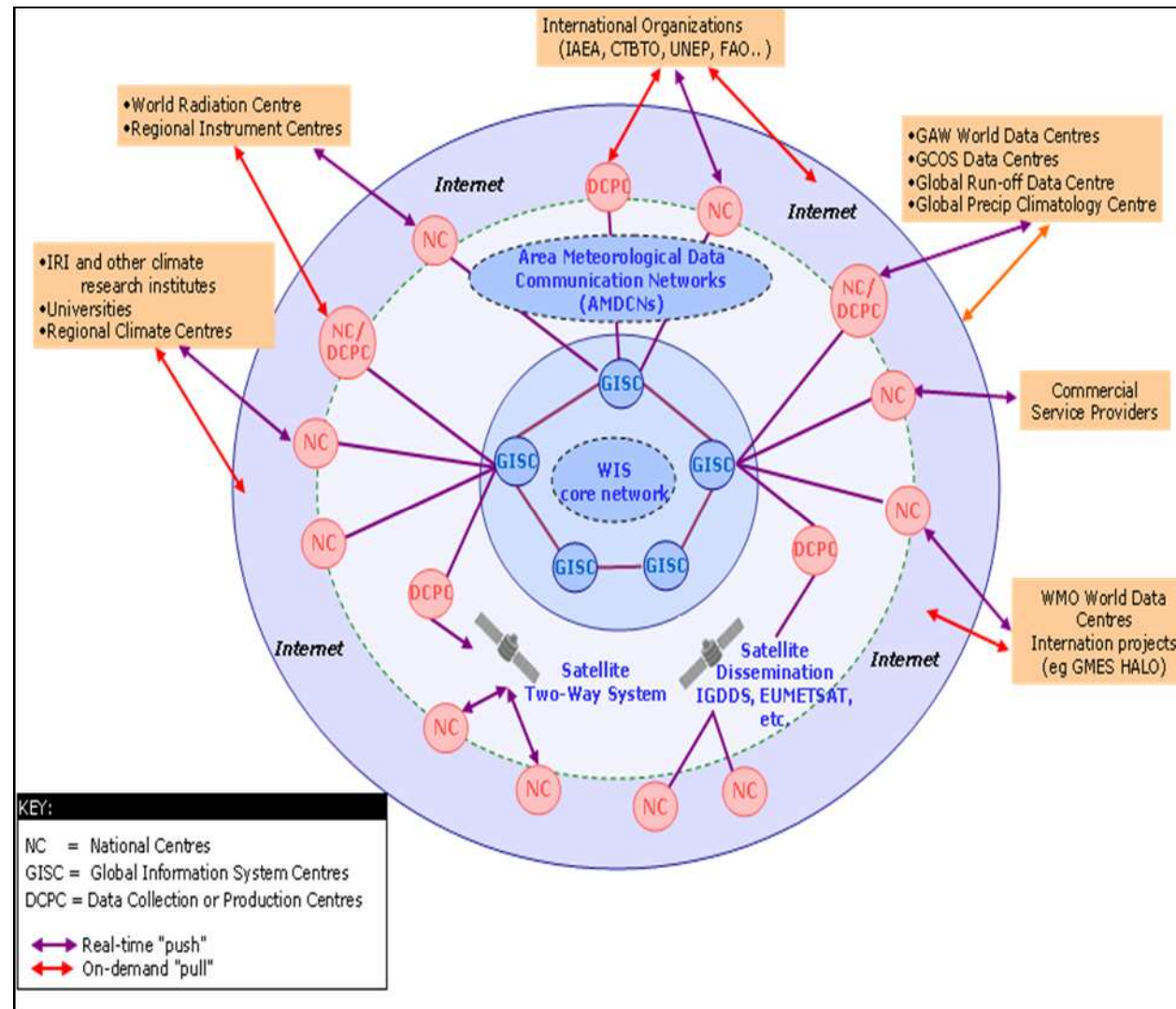


World Meteorological Organization

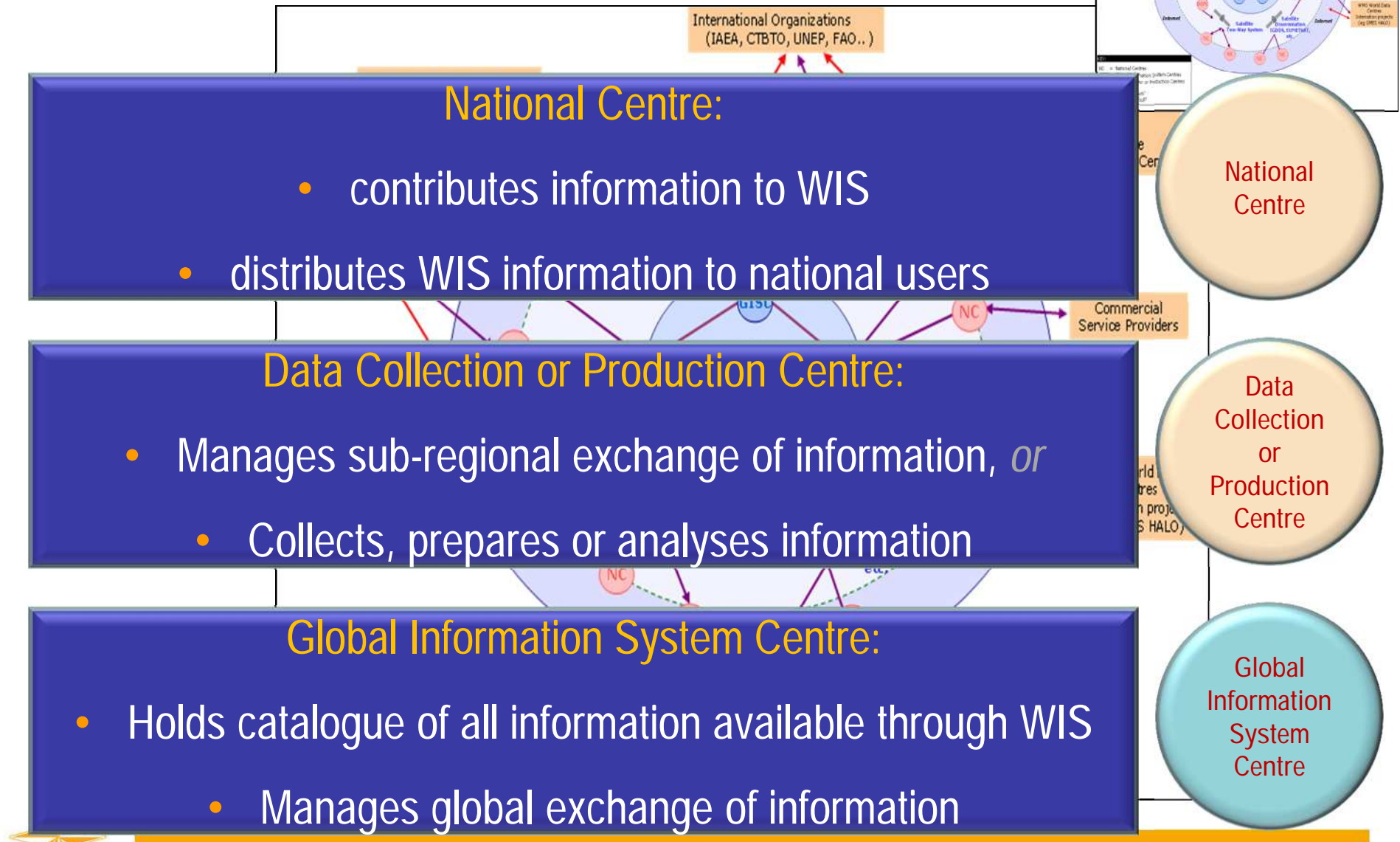
Weather • Climate • Water

Status of WIS

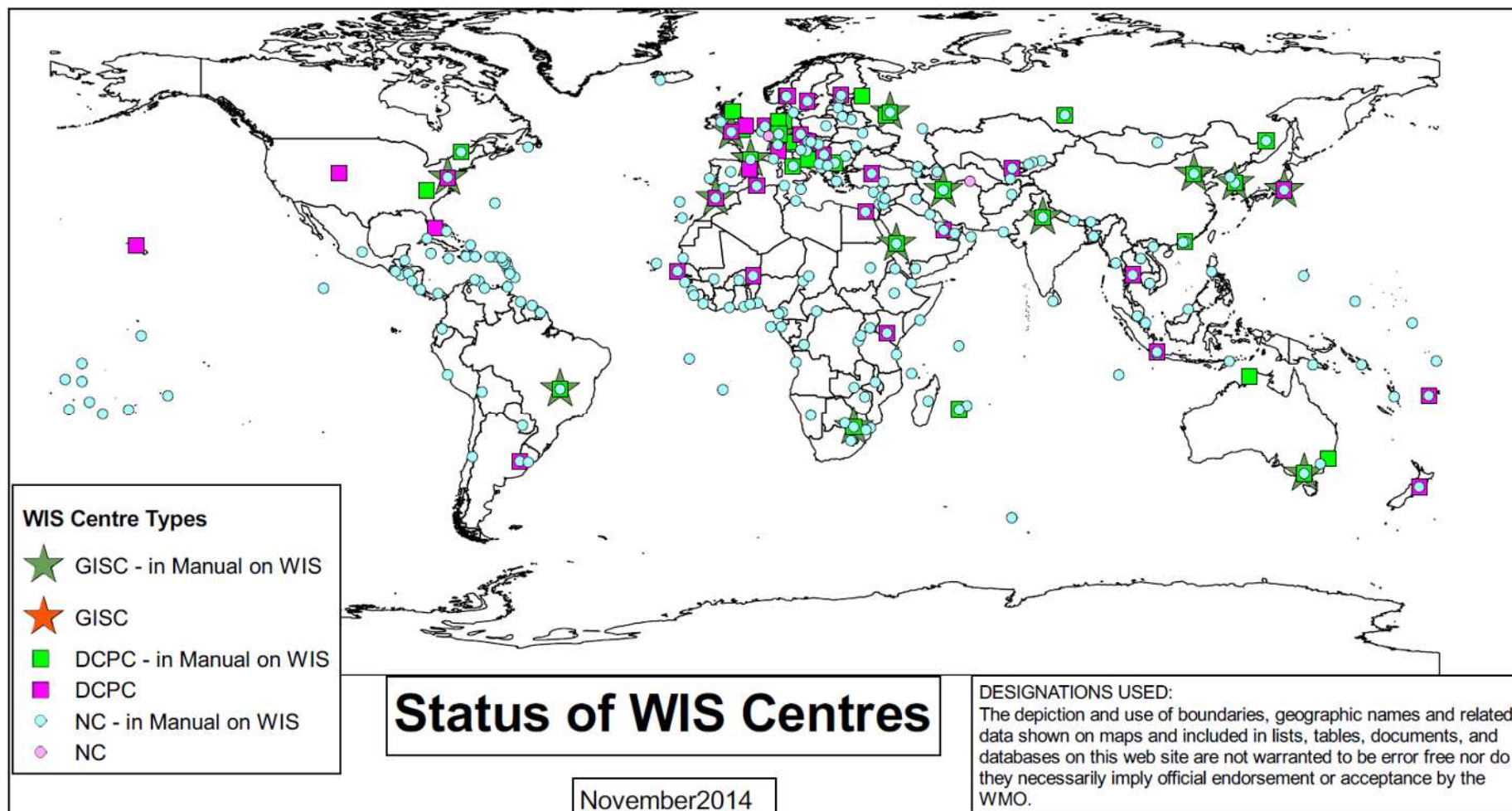
WIS structure



WIS structure



WIS Centres – November 2014



WIS statistics

- GISC – 15 (RA II – 7)
 - DCPC – 136 (RA II – 29)
 - NC – 223 (RA II – 37)
-
- Metadata records – 147 593
 - GTS bulletins without metadata records – 2 785





World Meteorological Organization

Weather • Climate • Water

Improvements to WIS

- Manuals
- Monitoring
- Competences

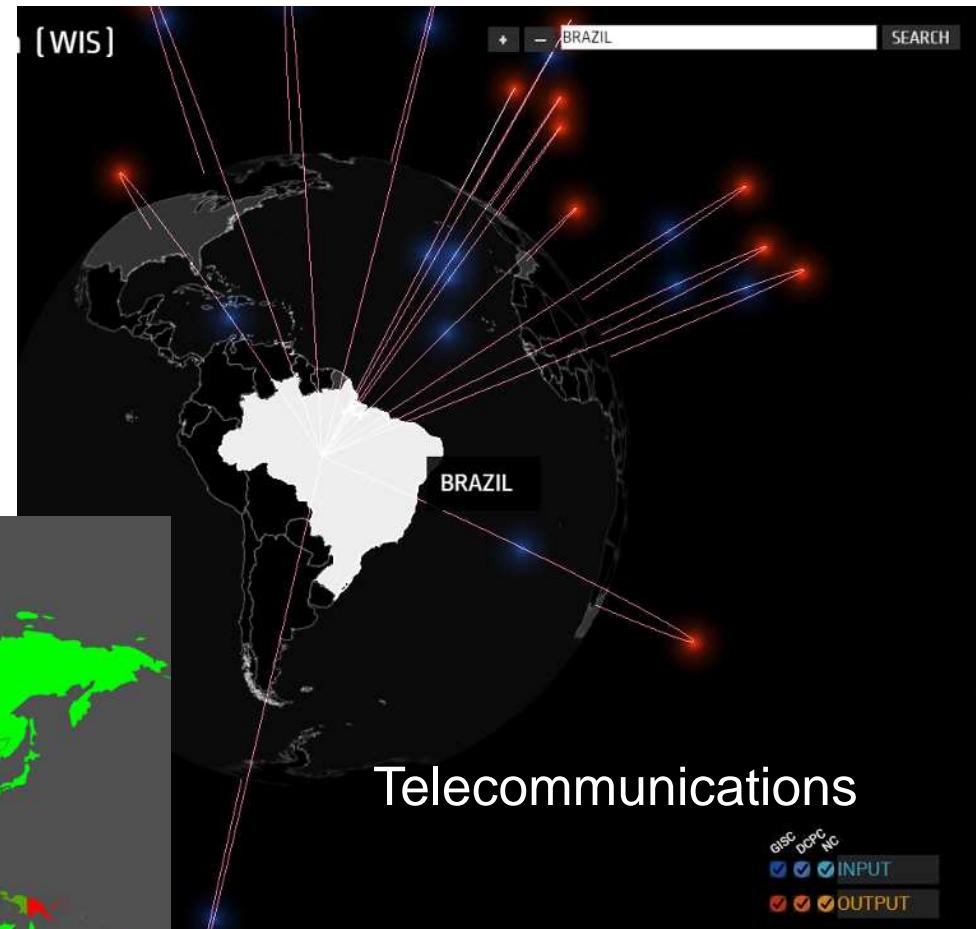
Manuals – WMO as DCPC



WIS Monitoring - proposed

Real Time

Centre
Network
Metadata
Messages



WIS Monitoring - proposed

Quarterly

Service Operational Infrastructure
Operational Anomalies & Incidents
Enhancements
Planned Enhancements
User Service Statistics.



WIS Competences



Infrastructure

- 1. Manage the physical infrastructure
- 2. Manage the operational applications



Data

- 3. Manage the data flow
- 4. Manage the data discovery



External interactions

- 5. Manage the centre-centre interactions
- 6. Manage the user interactions



Operational service

- 7. Manage the quality, risk and operational service



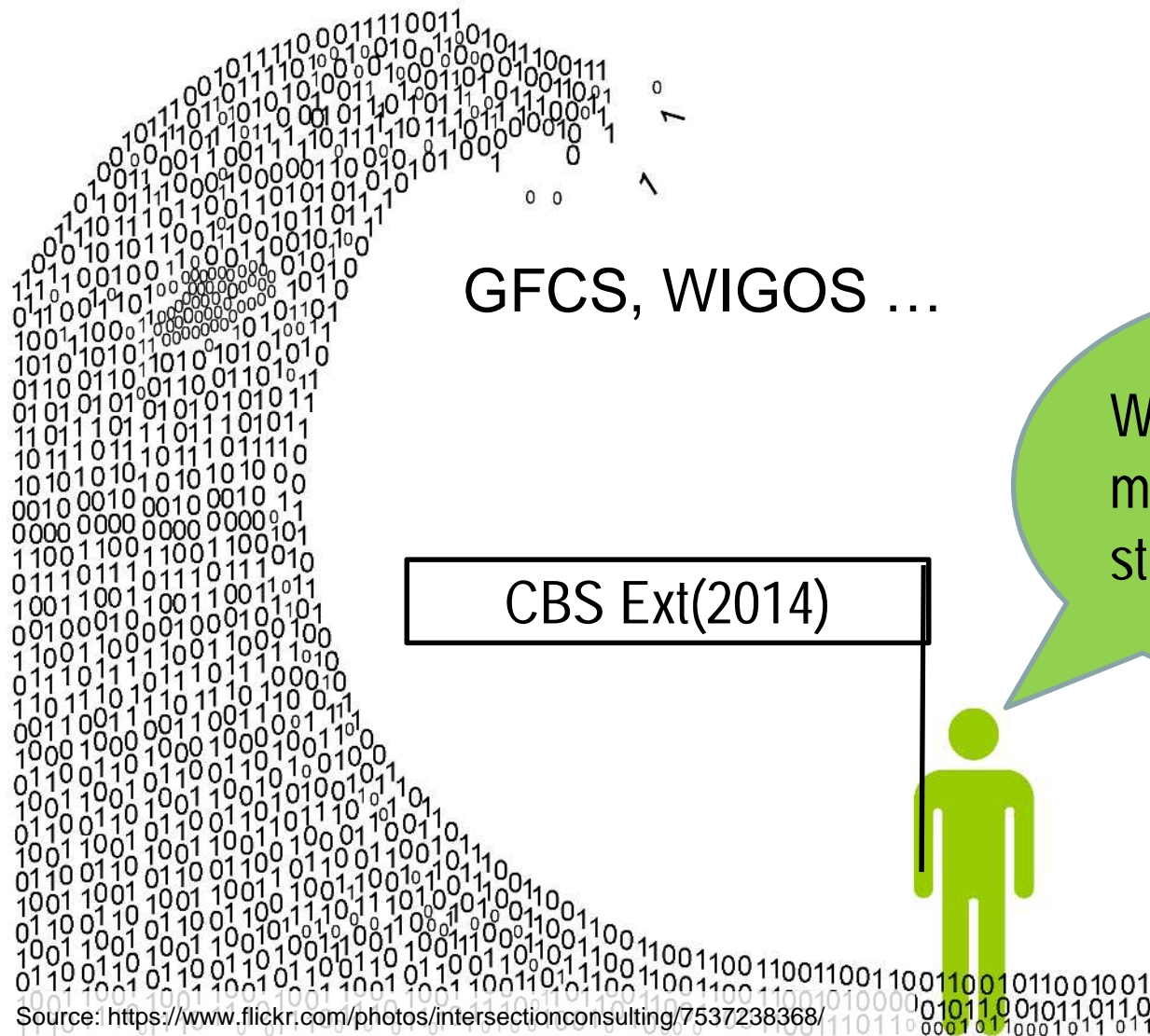


World Meteorological Organization

Weather • Climate • Water

Future of WIS

WIS and data management



WIS and data management



WIS and data management



WIS and data management





Summary

- Status of WIS
- Monitoring, Competences
- Data Management



**World
Meteorological
Organization**

Weather • Climate • Water

Thank you for your attention

wis-help@wmo.int