Session 3.7

# Discussion on RWC mandatory functions

# Discussion points

- OSCAR/Surface
  - ➤ From pre-workshop survey on OSCAR/Surface
  - ➤ RWCs' status and experience on OSCAR/Surface
  - ➤ Near-term goals in OSCAR/Surface in RA II
- WDQMS
  - ➤ RWCs' activities related to WDQMS
  - ➤ RWCs' plan for WDQMS functions
  - ➤ RWCs' high prioritized area in WDQMS
  - ➤ Near-term goals in WDQMS in RA II

# From pre-workshop survey on OSCAR/Surface

# Pre-workshop survey overview

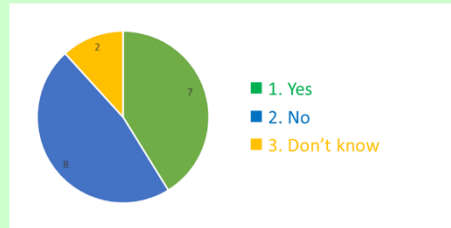**Q3.6.1-1** Has anyone in your organization made a registration at National Focal Point for OSCAR/Surface?
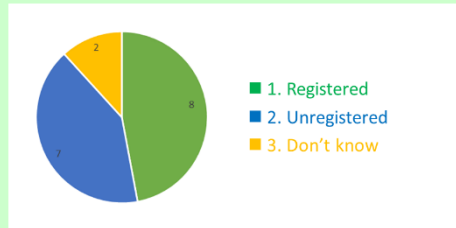
- 1. Registered
- 2. Unregistered
- 3. Don't know

Less than a half of the respondents have NFPs for OSCAR/Surface.

**Q3.6.1-2** Can your National Focal Point log in OSCAR/Surface with his/her own ID and password?

- 1. Yes
- 2. No
- 3. Don't know

Less than a half of the respondents' NFPs can log in OSCAR/Surface.

**Q3.6.1-3** In your organization, is there anyone who is capable of logging in OSCAR/Surface other than National Focal Point?
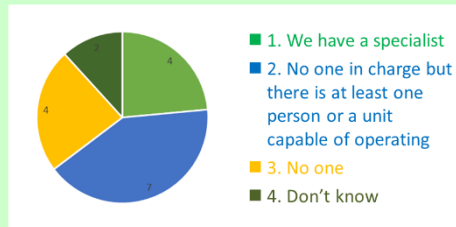
- 1. Yes
- 2. No
- 3. Don't know
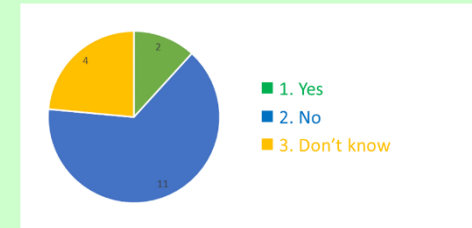
A minority of the respondents' NFPs authorize others to log in OSCAR/Surface.

**Q3.6.2-1** In your organization, is there anyone or a unit who manages OSCAR/Surface?

- 1. We have a specialist
- 2. No one in charge but there is at least one person or a unit capable of operating
- 3. No one
- 4. Don't know

Less than a quarter of the respondents have OSCAR/Surface specialists, but two thirds can manage it at least.

**Q3.6.2-2** Can you confirm the registration status of observation stations in your country at OSCAR/Surface?

- 1. Yes
- 2. No
- 3. Don't know
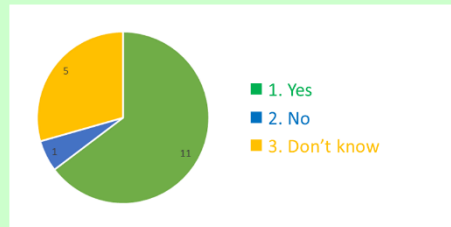
Two thirds of the respondents can confirm the registration status at OSCAR/Surface.

**Q3.6.2-3** Can you modify or make corrections on registration status of observation stations in your country at OSCAR/Surface?
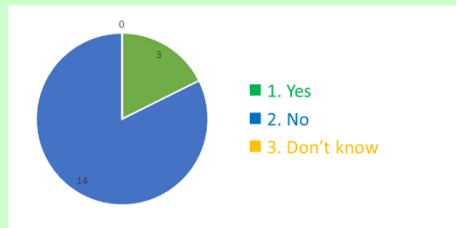
- 1. Yes
- 2. No
- 3. Don't know

Less than a half of the respondents can modify the registered contents at OSCAR/Surface.

**Q3.6.3-1** Have you ever attended a training course on OSCAR/Surface?

- 1. Yes
- 2. No
- 3. Don't know

Most respondents haven't ever attended a training course on OSCAR/Surface.

**Q3.6.3-2** Have you ever viewed the training document on OSCAR/Surface?

- 1. Yes
- 2. No
- 3. Don't know
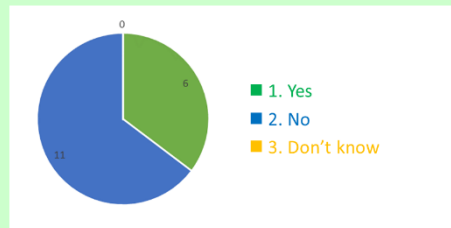
A third of the respondents have viewed the training document on OSCAR/Surface.

**Q3.6.3-3** Do you hope to participate in training course on OSCAR/Surface?

- 1. Yes
- 2. No
- 3. Don't know
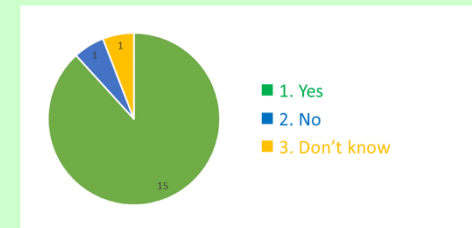
Most respondents hope to participate in a training course on OSCAR/Surface.

# Pre-workshop survey summary

- Less than a half of the respondents have NFPs for OSCAR/Surface and can log in.

- Less than a quarter of the respondents have OSCAR/Surface specialists.

- Two thirds of the respondents can confirm the registration status; however, only less than a half can modify the contents.

- Most respondents haven't ever attended training courses on OSCAR/Surface and hope to participate in them.

# JMA's comments on pre-workshop survey

- All Members should register NFPs for OSCAR/Surface as soon as possible.

- Training courses on OSCAR/Surface is expected to be very helpful for RA II Members to foster OSCAR/Surface specialists.

# RWCs' status and experience on OSCAR/Surface

# Timeline

**OSCAR/Surface**
**Machine to Machine interface**

_March_

_Here!_

_2019_

Preparation to introduce
M2M interface

_Bug fixing, deployment by <u>September</u>_

update the information
in test environment

_Pre-operational API_
_by end of <u>July</u>_

Prototype
by end of <u>June</u>

**JMA**

Confirmation of the information
registered in OSCAR/surface

_2018_

Confirming and updating : more than 150 stations
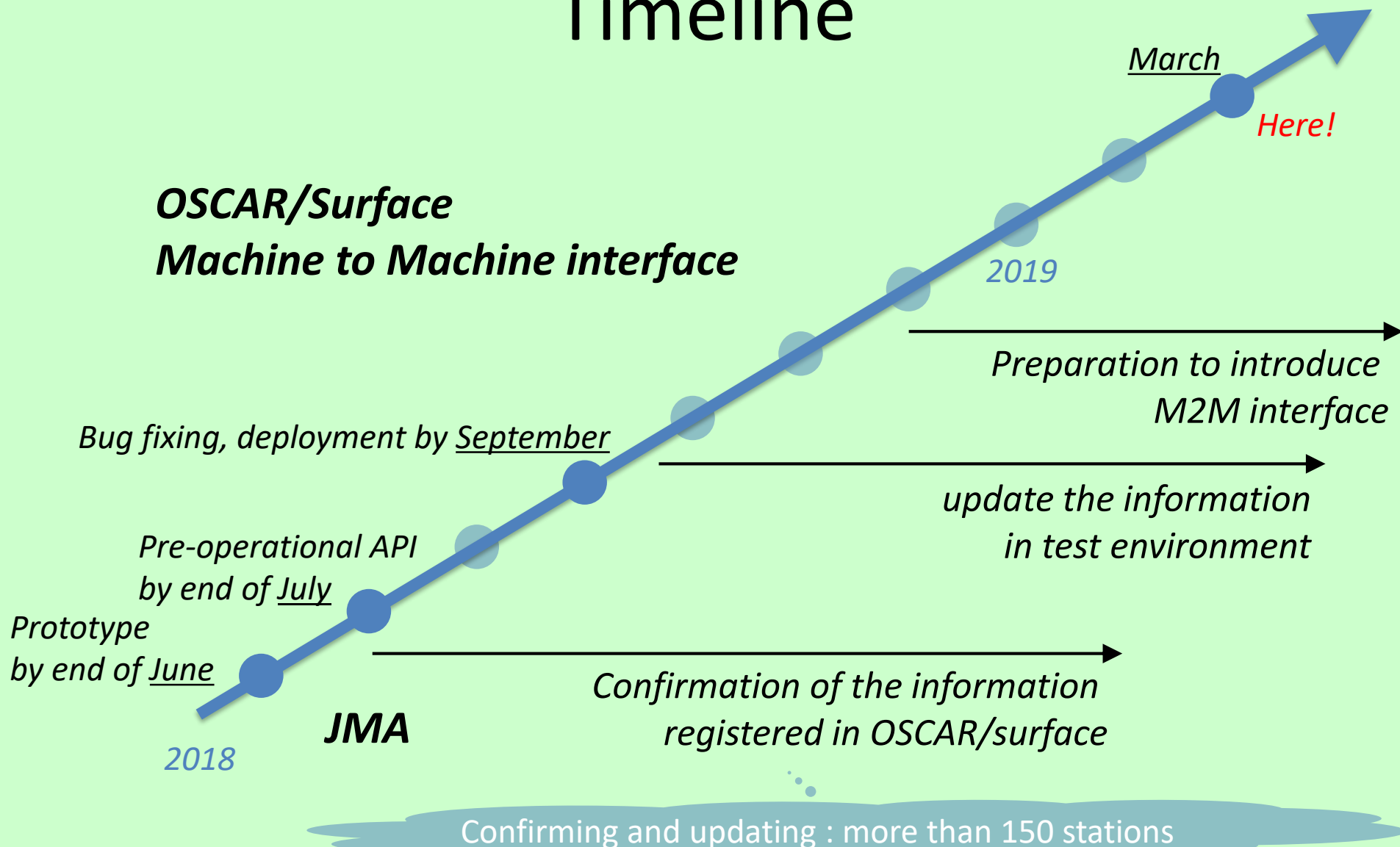
# Near-term goals in OSCAR/Surface in RA II

# Future Plan

**Training course on OSCAR/Surface In 2019 !**

Anyone or a unit
can manage OSCAR/Surface

Modify or make corrections
on registration status of observation stations

Confirm the registration status
of observation station

Staffs other than NFP is
capable of Logging in OSCAR/Surface

←*This year's Goal*

Make a registration at National Focal Point
for OSCAR/Surface

←*This year's Goal*
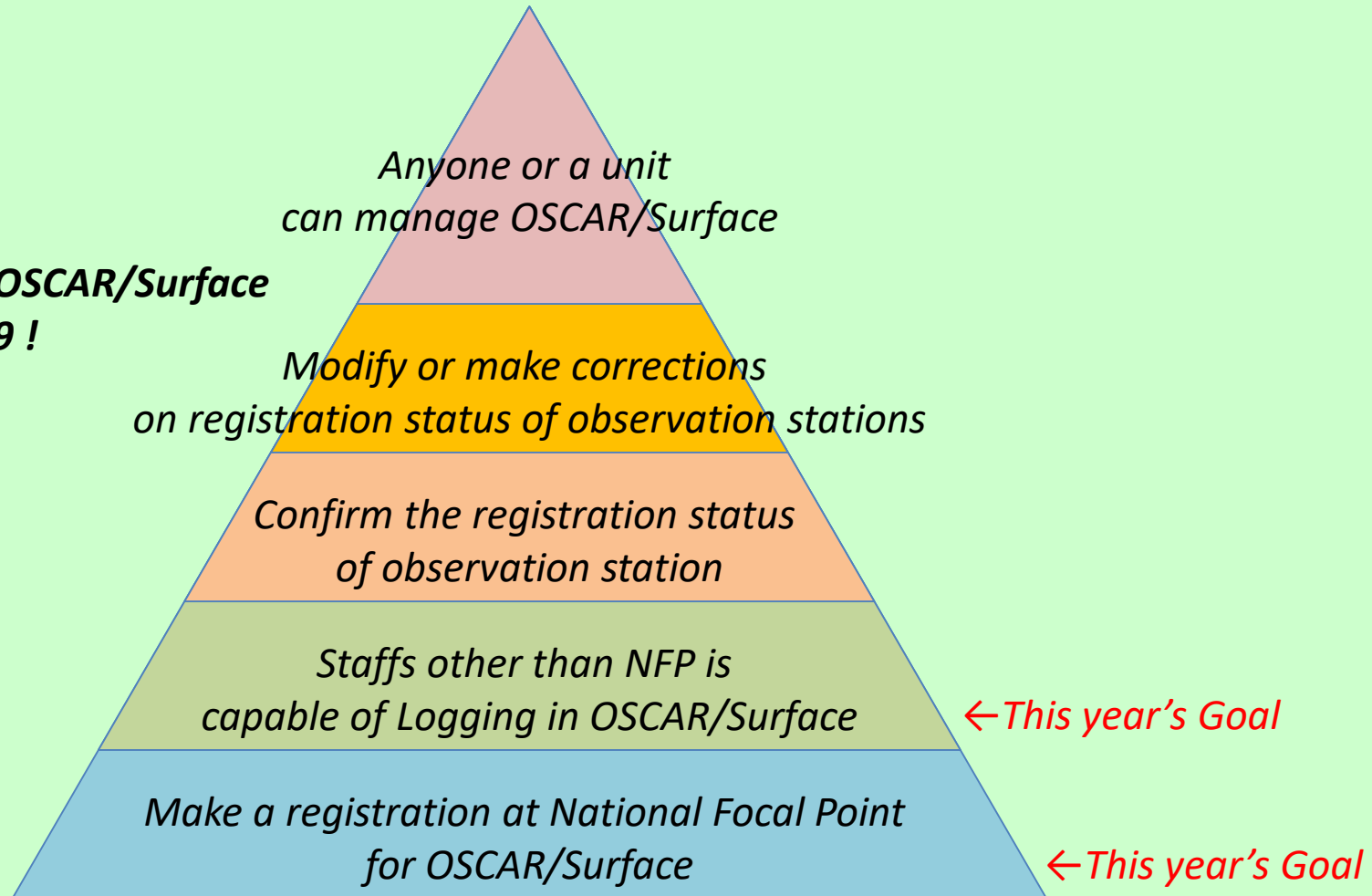
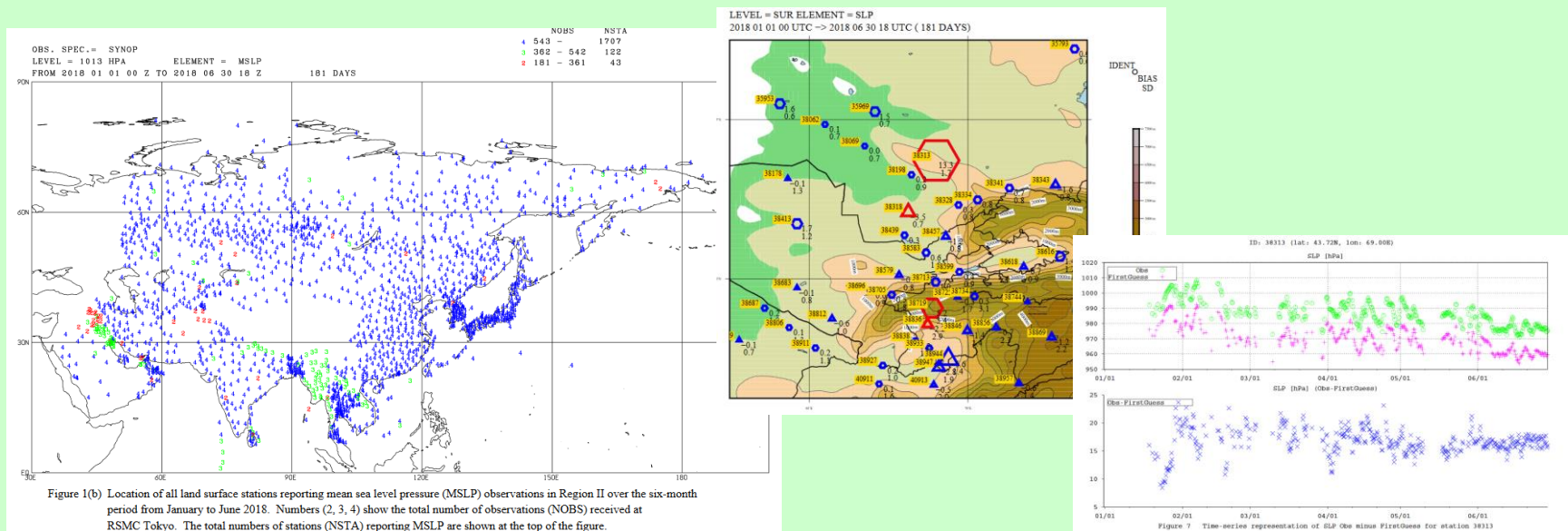# Near-term goals in OSCAR/Surface in RA II (proposed by JMA)

- All Members register NFPs for OSCAR/Surface.

- Staffs other than NFP can log in OSCAR/Surface.

# RWCs' activities related to WDQMS

# JMA's activities related to WDQMS (1)

- JMA has been providing 6-Monthly monitoring report on land surface observations in Region II since 1991.
  - This activity is based on the designation of the RSMC Tokyo as a Lead Center for monitoring the quality of land surface observations (i.e., SYNOP) in Region II by the President of the CBS in March 1991.



Figure 1(b) Location of all land surface stations reporting mean sea level pressure (MSLP) observations in Region II over the six-month period from January to June 2018. Numbers (2, 3, 4) show the total number of observations (NOBS) received at RSMC Tokyo. The total numbers of stations (NSTA) reporting MSLP are shown at the top of the figure.

# JMA's activities related to WDQMS (2)

- JMA has been participating the NWP monitoring pilot project since 2016, providing monitoring output in near real time to WMO Secretariat.

- This activity is regarded as a start of the WIGOS monitoring function.
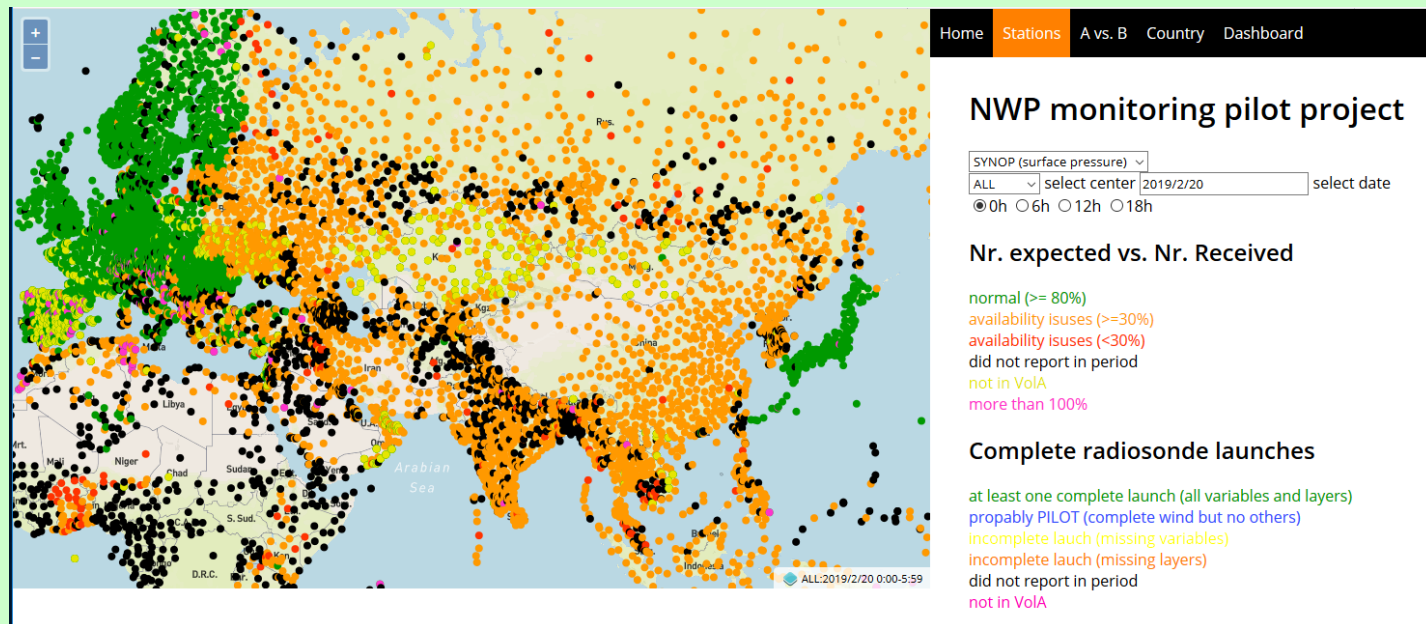
# RWCs' plan for WDQMS functions
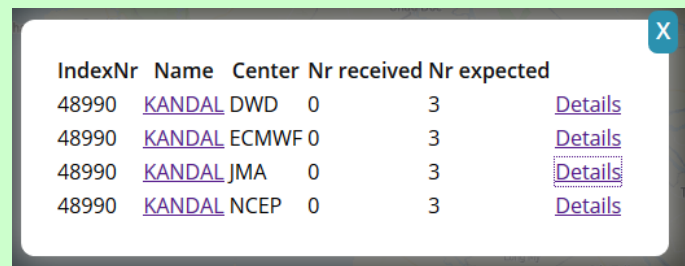
# JMA's plan for Incident Management procedure

- JMA now considers using web-based issue tracking system service for Incident Management procedure during the pilot phase of RWC.

- JMA's responsible person will communicate with the contact point of member country by email to support to function the issue tracking system well.



WDQMS - Incident Management Procedure
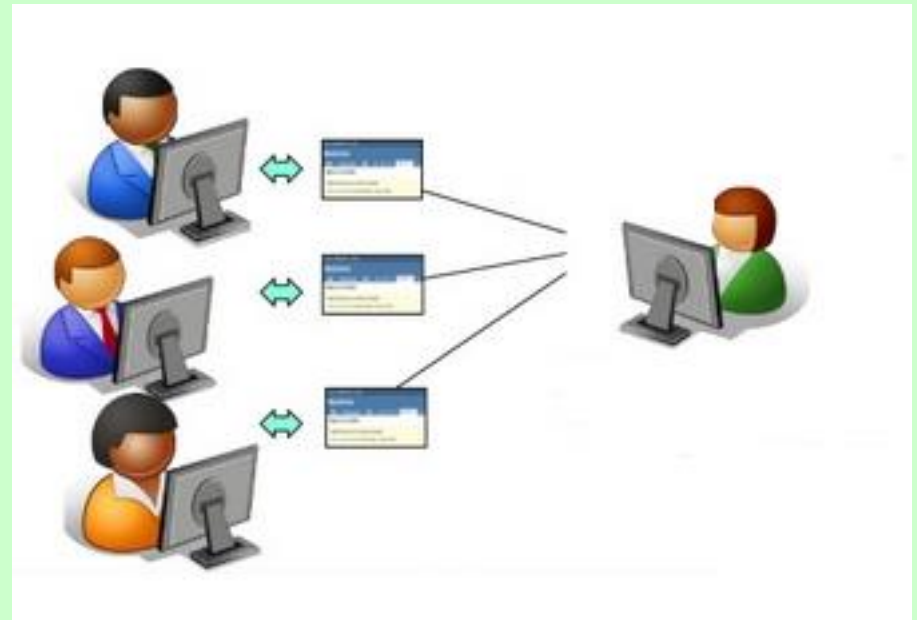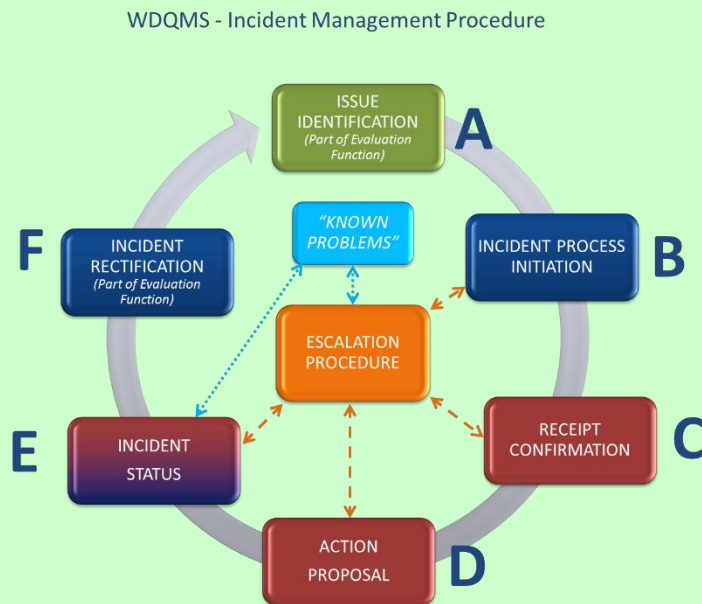
# RWCs' high prioritized area in WDQMS

# JMA's high prioritized area in WDQMS

- Technical Guidelines defines the three key areas in Monitoring function: Data availability, Timeliness and Accuracy.

- JMA considers that it is suitable to take <span style="color:red">data availability</span> as a first step of WDQMS activity rather than two other areas during the pilot phase of RWC.
  - Pick up the <span style="color:red">"silent station"</span> from the monitoring tool
  - Make a ticket as <span style="color:red">"Incident"</span> and start communication with contact point
  - Figure out the reason of silence and advise to improve the situation
  - Record the activities in issue tracking system

| IndexNr | Name | Center | Nr received | Nr expected | |
|---------|------|--------|-------------|-------------|---|
| 48990 | KANDAL | DWD | 0 | 3 | Details |
| 48990 | KANDAL | ECMWF | 0 | 3 | Details |
| 48990 | KANDAL | JMA | 0 | 3 | Details |
| 48990 | KANDAL | NCEP | 0 | 3 | Details |

# Near-term goals in WDQMS

# Near-term goals in WDQMS in RA II (proposed by JMA)

- All members know WDQMS activities and understand how they works.

- All silent stations are revealed its reason of silence and their statuses to improve availability are open in the issue tracking system.

# From the floor