Session 5.1

Future operation and activities of RWCs

Contents

- Review of future RWCs' presentations

- Review of pre-workshop survey results in Session 4.10

- Future operation and activities of RWCs

Review of future RWCs' presentations

China

(1) Human resource training plan

- Based on the RTC-Nanjing (Beijing), RWC-Beijing(MOC/CMA) will joint other units, development training course and open a training course every year for all member of RA II.

- MOC/CMA gathers a large number of top technical expert, and plays an important role in various WMO working groups.

- Postdoctoral visiting scholar.

- Organize expert on-site technical training for one week every time.

China

(2) provide technical support and service

- Based on the RIC-Beijing, RWC-Beijing(MOC/CMA) can help all member of RA II. to find the cost-effective instrument or observing system.

- To build RWC website and hot-line telephone.
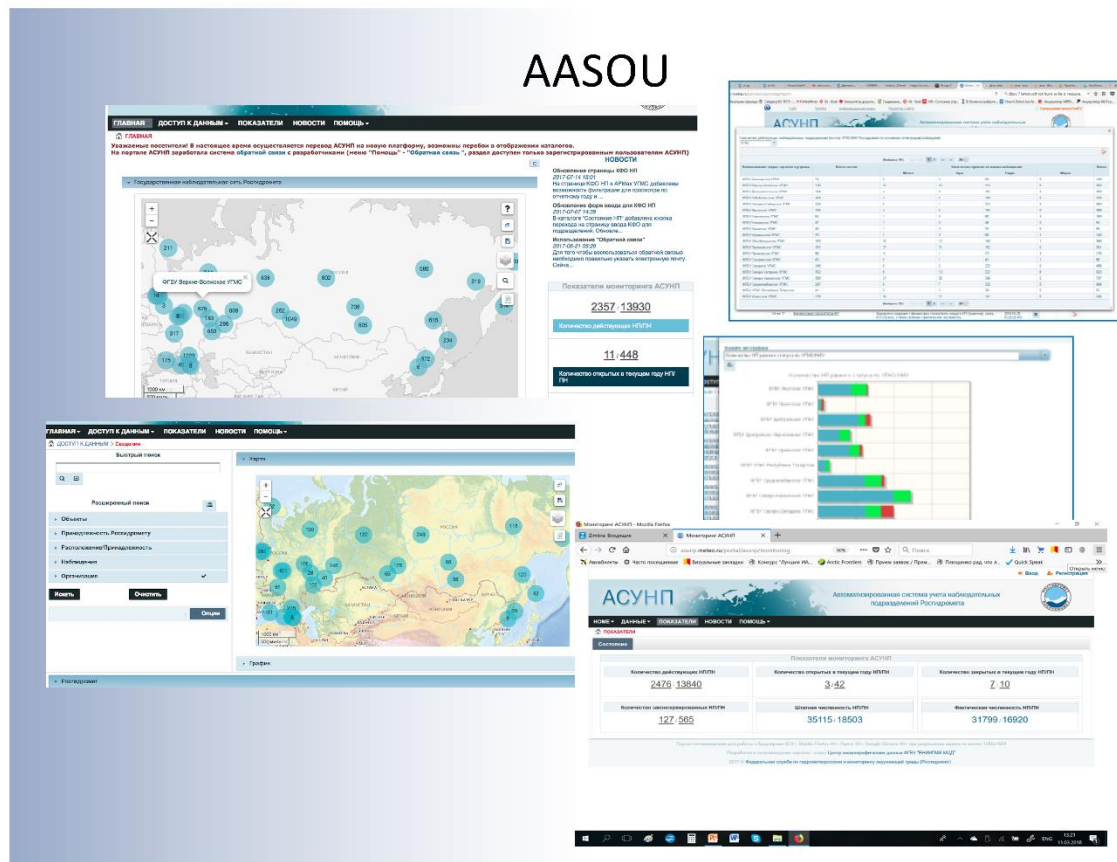
  www.observation-cma.com

China

(3) to strengthen cooperation between members

- to strengthen bilateral cooperation;
- to joint implementation of the "One Belt And One Road" international development , to promote an action plan on redesign and improvement of the GBON.
    - AWS: unattended from station to information center
    - Sounding station: let us have a best try to make those silent station alive ! Together!

Russian Federation

AASOU

Russian Federation

System interaction (M2M)

Through machine-to-machine interface is planned to provide a pair of AASOU with the OSCAR system.

The system will be important elements of a plan for Russian-speaking countries of the Regional WIGOS centre.

Russian Federation

Problems, perspectives

M2M - problem of metadata overlapping

WDQMS

Future evolution -

(CIS country, Regional WIGOS centre for Russian speaking countries, private and other partners ...)

Motivation to participate in WIGOS project is a key problem

Saudi Arabia

Plan of RWC-West Asia Implementation

- Developing a National Observations Strategy to be implemented over the next 3 to 5 years;
- Developing observation data quality monitoring system to manage observation data quality;
- Enhancing coordination with national WIGOS centers;
- Cooperating with designated RWC in RA II to support implementation plan;
- Conducting technical cooperation with Members to support regional capacity development activities.

Saudi Arabia

Plan of RWC-West Asia Implementation

- GAMEP will invest in supporting the RWC pilot project, and continue to improve future work plan;
- Providing support for introducing OSCAR/Surface through activities such as workshops.
- Discussion about collaboration between RWC and Members to improve observation using WDQMS
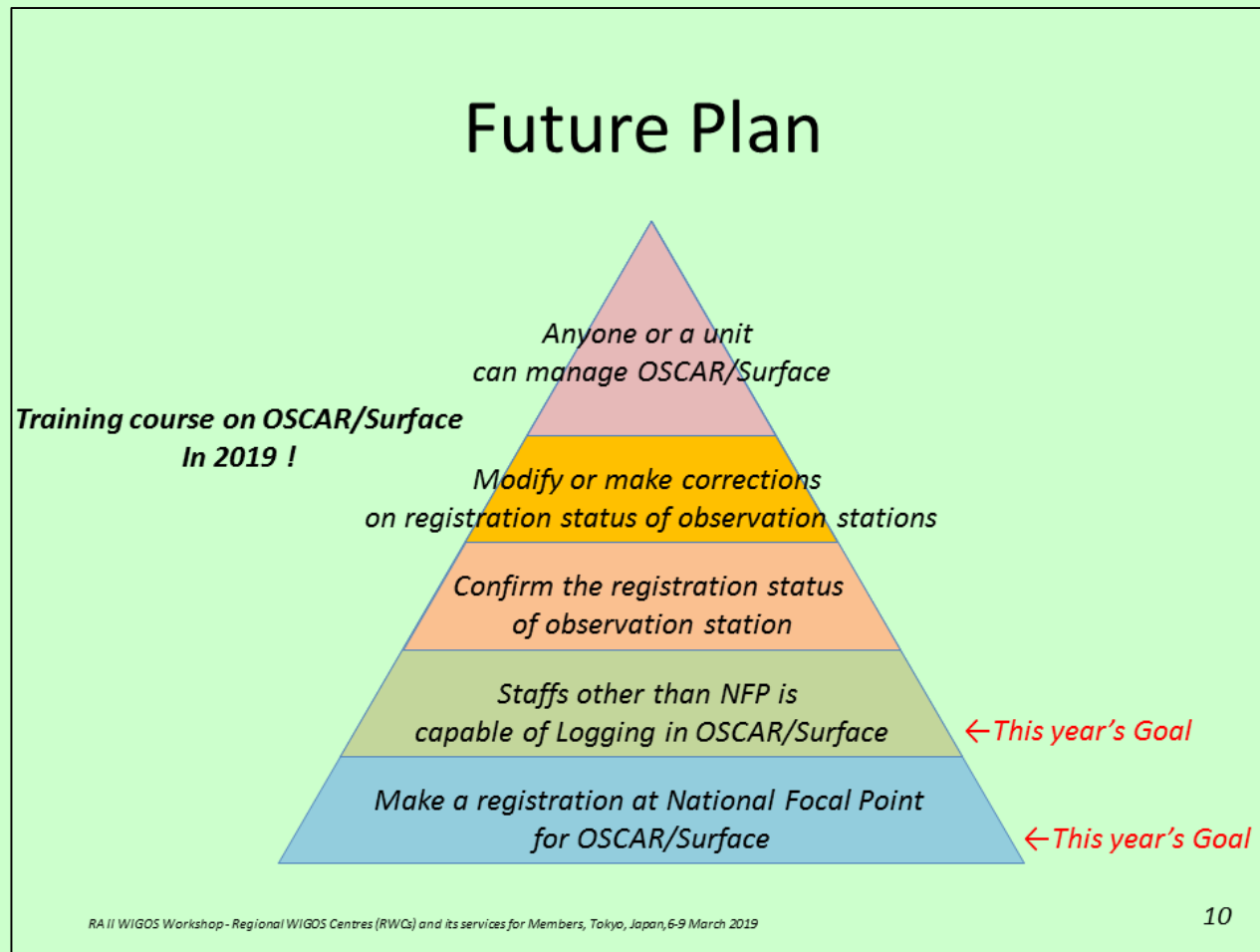- Developing tools for regional WIGOS metadata management and the WDQMS.

Saudi Arabia

Future Arrangements

- **June 2019**: Apply to be designated as a RWC in pilot mode;

- **October 2019**: WIGOS Workshop in Jeddah

- **2020**: Begin pilot RWC activities

- **2021**: Begin operational RWC activities

Japan

Future Plan

Anyone or a unit
can manage OSCAR/Surface

*Training course on OSCAR/Surface
In 2019 !*

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*

RA II WIGOS Workshop - Regional WIGOS Centres (RWCs) and its services for Members, Tokyo, Japan,6-9 March 2019
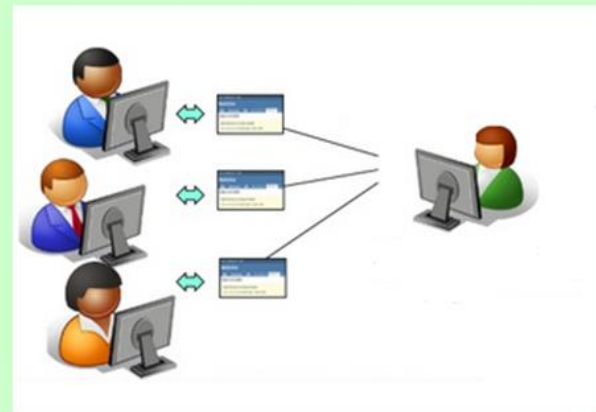
10

Japan

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.
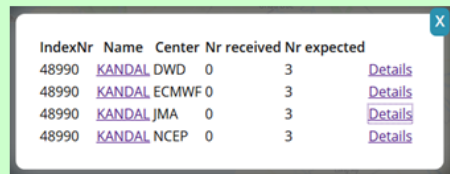
WDQMS - Incident Management Procedure

RA II WIGOS Workshop - Regional WIGOS Centres (RWCs) and its services for Members, Tokyo, Japan, 6-9 March 2019

16

Japan

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 data availability as a first step of WDQMS activity rather than two other areas during the pilot phase of RWC.
  - Pick up the "silent station" from the monitoring tool
  - Make a ticket as "Incident" and start communication with contact point
  - Figure out the reason of silence and advise to improve the situation
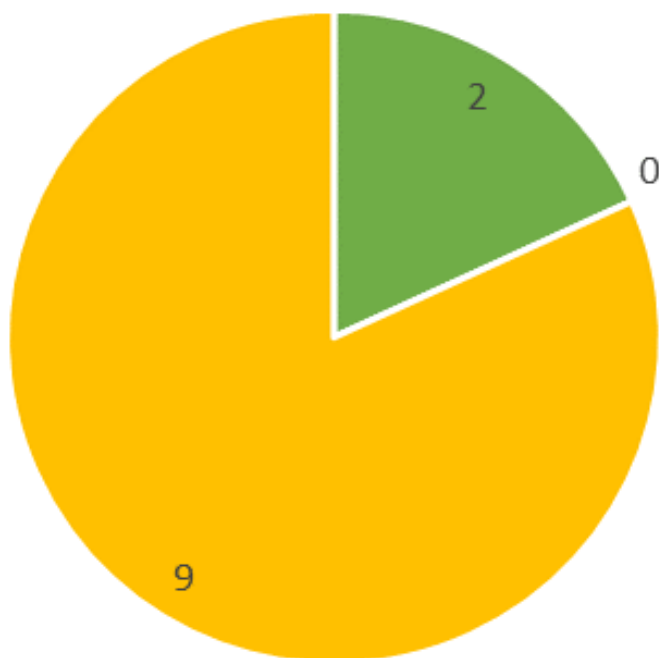 - Record the activities in issue tracking system

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

18

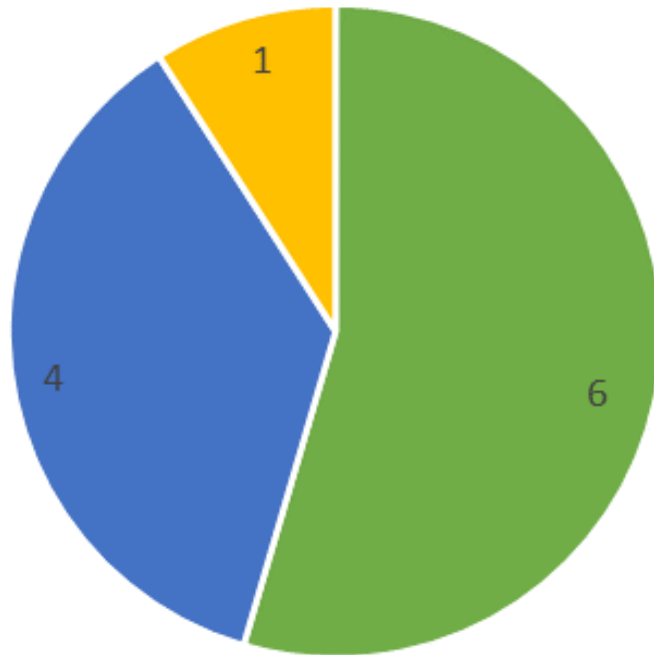# Review of Pre-workshop survey results in Session 4.10

Q4.10-1 What do you expect from RWC's cooperation?

- 🟩 1. Uninterrupted support even in disaster responses or holiday seasons
- 🟦 2. Support without time differences
- 🟨 3. Efficient and high-quality support

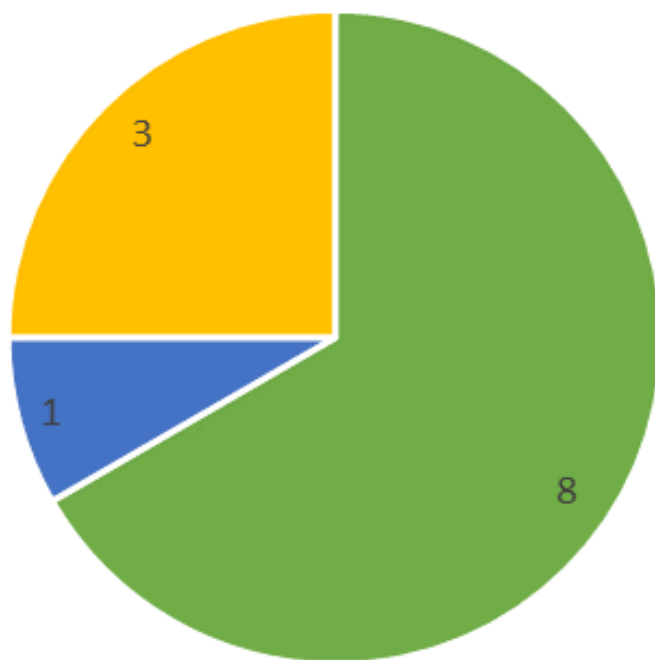More than three quarters of NMHSs expected efficient and high-quality support from RWCs.

Q4.10-2 How about receiving information or support from multiple RWCs?

■ 1. Enable to choice
■ 2. Increase objectivity
■ 3. Confuse

Most of NMHSs indicated positive opinions about receiving information or support from multiple RWCs.

Q4.10-3 What RWC should do to develop human resources?

■ 1. Support by collaboration and mutual complement

■ 2. Divisional support

■ 3. Support by a joint project

Two thirds of NMHSs expected support by collaboration and mutual complement from multiple RWCs.

Future operation and activities of RWCs

Future operation and activities of RWCs

1. Supporting Members to register/correct in OSCAR/surface database through sharing expertise or experience
2. Establishing Evaluation and Incident Management functions and providing incident information through WDQMS with close communication, especially on silent stations
3. Sharing experience and seeking collaboration through coordination mechanism among RWCs in pilot mode
4. Collaborating with other RWCs and relevant bodies such as RICs and RTCs in technical support for Members
5. Holding workshops or training events, or participating in such events as lecturers, with utilizing webinar or video conference as needed
6. Promoting human resource development by "teaching how to teach" approach

<p style="text-align:center; color:red;">Please input your suggestions!</p>