



WIGOS WORKSHOP 2019

Session 4.9

Significance of Capacity Development and the Role of Meteorological College



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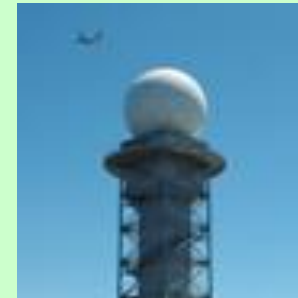
Meteorological College

Topics

1. What is the most valuable asset?
2. Two-fold education system in JMA
3. Overview of Meteorological College
4. Tips for Successful Training

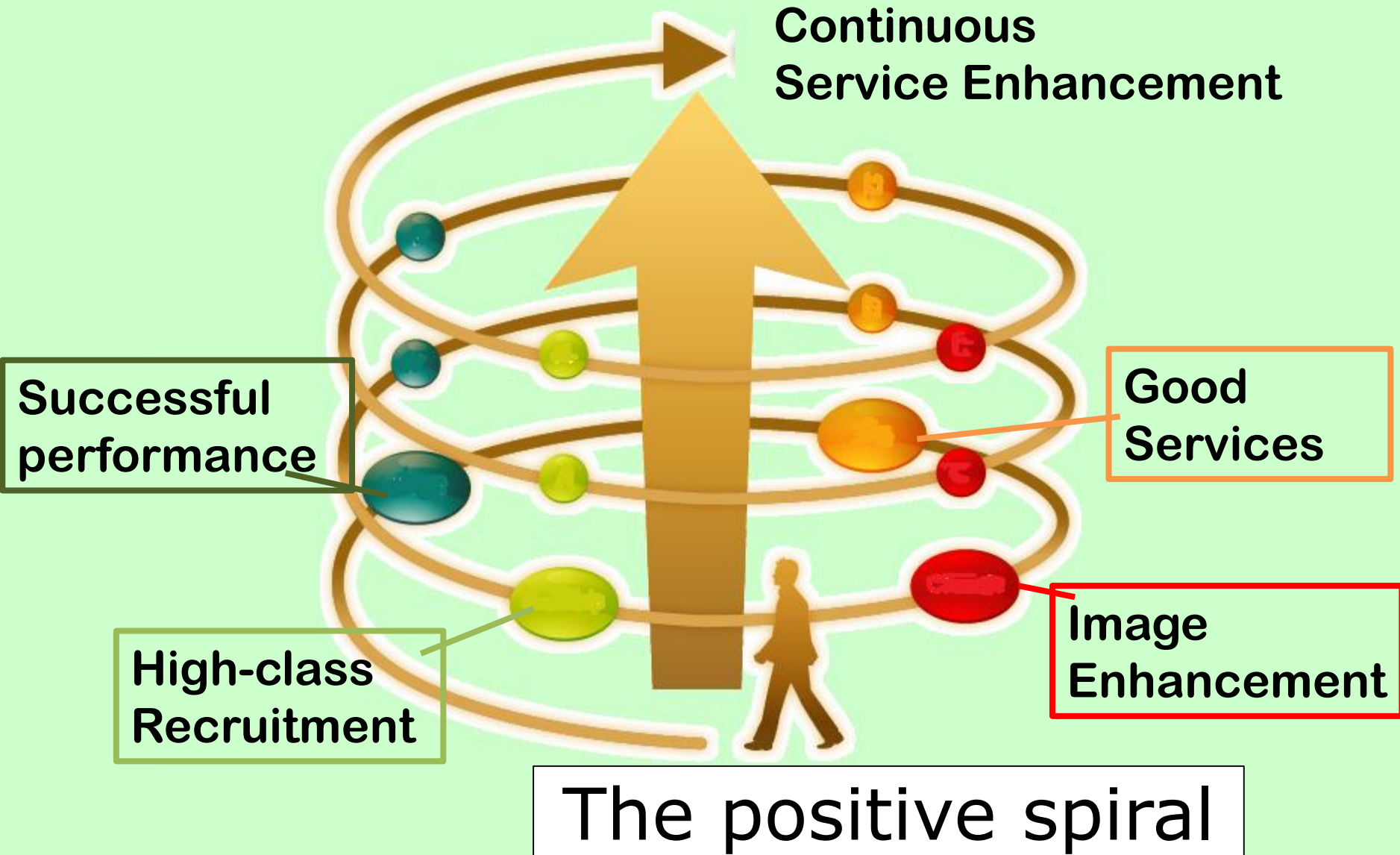
What is the most valuable asset of JMA?

- Meteorological Satellite?
- Super-Computer system?
- Radar-network system?



→ I believe JMA's human resource is.

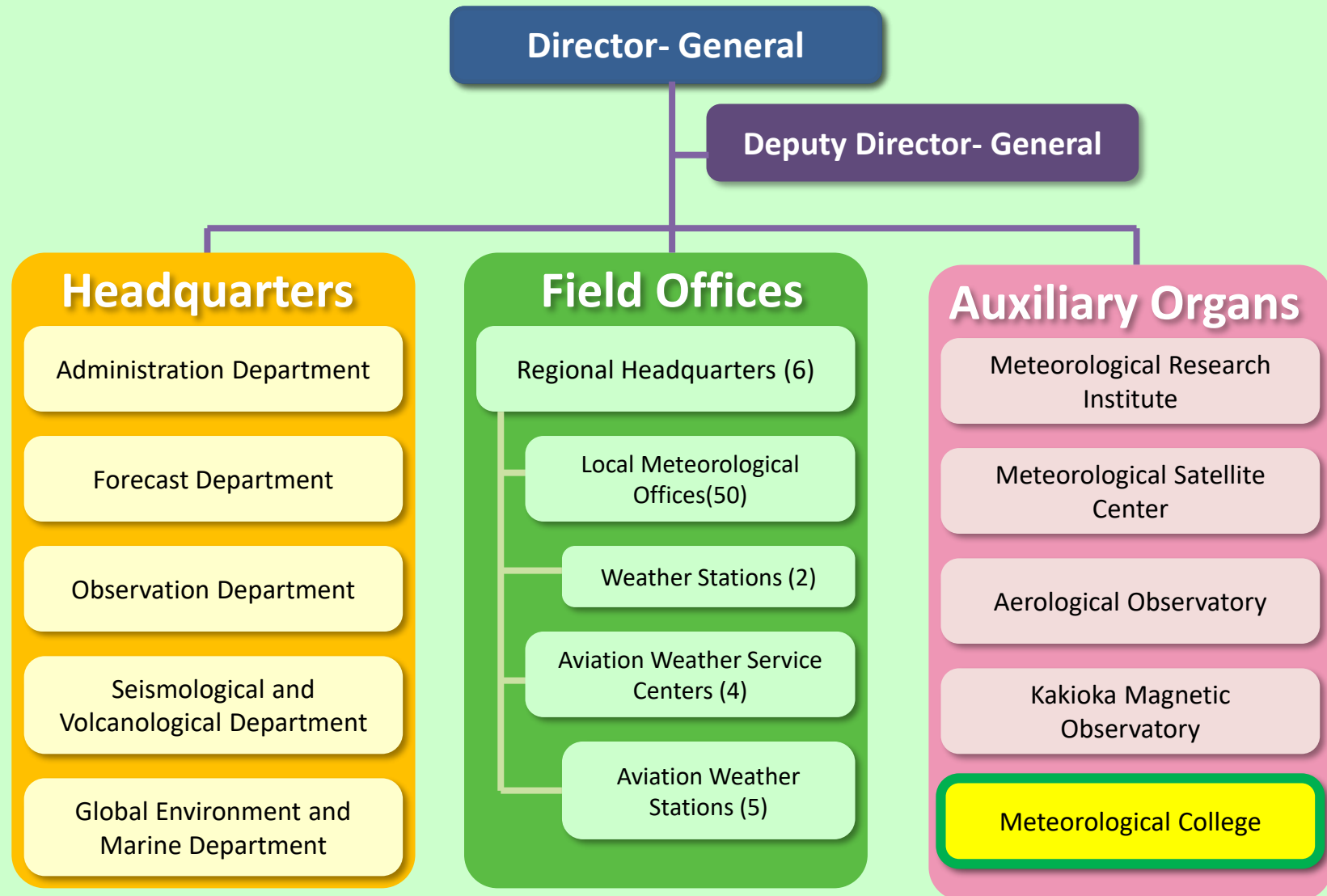
If well-skilled staff works...



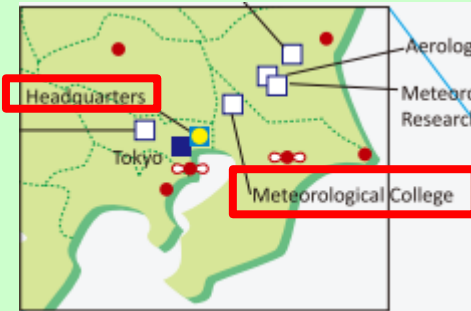
Two-fold Educational Courses of JMA

- **Collegiate Educational Course**
 - Four-year collegiate education to be work-ready graduates
 - Practical curriculum using JMA's facilities
- **Staff Training Course**
 - Off-the-job training session according to job-class or area of expertise
 - Next-year's plan was approved by JMA's Staff Training Board Meeting

Organizational Structure of JMA



Facilities of Meteorological College



Library



Laboratory Ward



Weather Radar Tower



Dormitory



Main school Building



History of Meteorological College

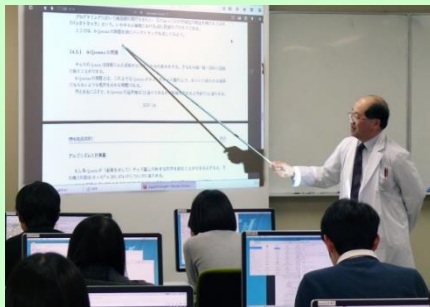


Commitment for Capacity Development by Dr. Okada

1922	Established as the Central Meteorological Observatory (CMO) Training school for technical experts in meteorological services
1943	Relocation to Kashiwa City , Chiba (current location)
1962	Renamed the Meteorological College
1964	Establishment of collegiate educational course (4-year term)
1982	Enrollment of the first female Meteorological College student
1991	Granted the status of a degree-granting academic institution

Dr. Takematsu Okada (Fourth-DG of CMO, 1874- 1956)

- Collegiate Educational Course
 - Each grade has 15 students (total 60)
 - 26 teachers coach one-to-on basis
 - Graduates are expected to be JMA's executive status or senior staff
 - Well-regulated life through dormitory



- # Staff Training Course

- Two categories

1. Multi-disciplinary training program
2. Specialized training program

- Duration: one to several weeks
- Trainees: 6 to 50 at one program
- Group work and presentation



• Staff Training Course

Staff training programs held in 2018 FY

Multi-disciplinary training program

Specialized training program

Program	Number of trainees	Period (days)	Program	Number of trainees	Period (days)
Multidisciplinary training course for newly hired staff			Specialized training course in telecommunication system and data management	13	17
Multidisciplinary training course for second-year technical staff (e-learning)			Specialized training course in ground-based meteorological instruments	8	17
Multidisciplinary training course for second-year technical staff	34*2	34~35	Specialized training course in remote atmospheric sensing	10	22
Multidisciplinary training course for scientific officers	47	24	Specialized training course in disaster mitigation relating to volcanoes	11	16
Training course for division managers	17	4			

Purpose:

To train leaders on surface observation via lectures on methods of maintaining and repairing surface observation instruments.

Purpose:

To train leaders on observation data application via lectures on remote-sensing observation techniques, maintenance and data utilization for weather monitoring, forecasting and statistics.

8 programs

Tips for successful trainings

- To make a leader in the local office
- All documents and experience should be shared within their organization
- Establishment of human network among trainees
- Importance of continuous program review

Staff Training requires continuous effort,
but it's worth while.

Capacity Development likes fitness training.
We don't expect and take immediate effect.
But,
If you would keep working and finally build
up physical strength,
you'd be able to get healthy in the long run.

The Rome was not build in a day.

Thank you for your attention!!



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