Federal Democratic Republic of Nepal

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Country Report
Federal Democratic Republic of NEPAL

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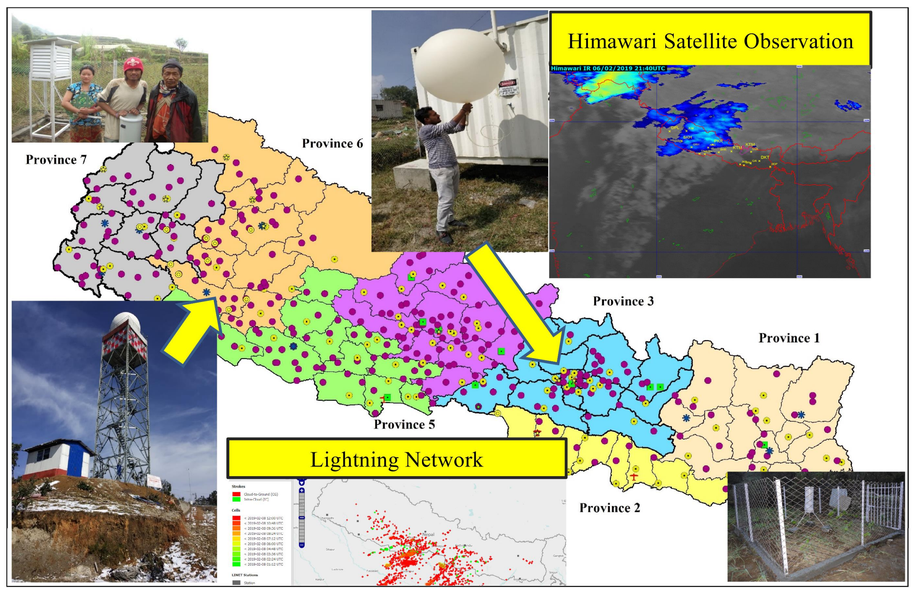
1. Observation system overview



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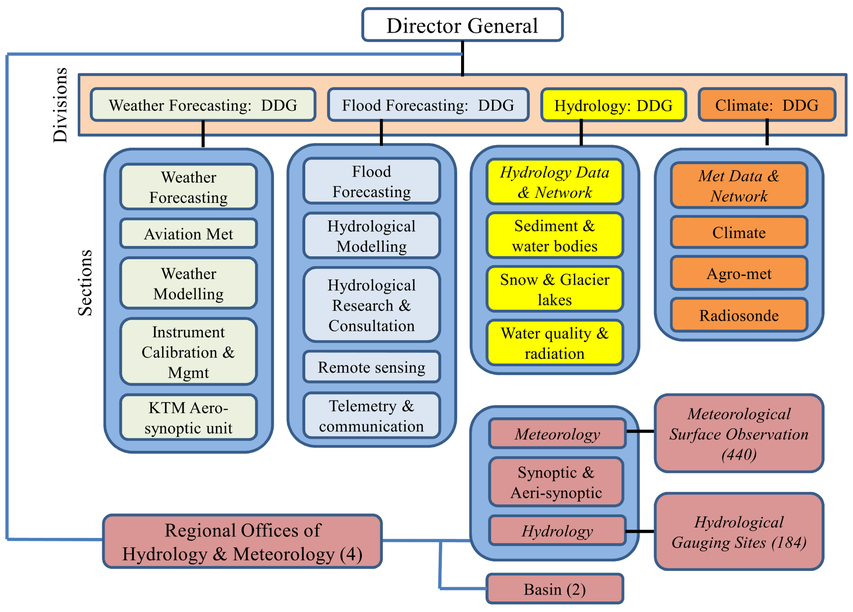
2. Observational organization structure



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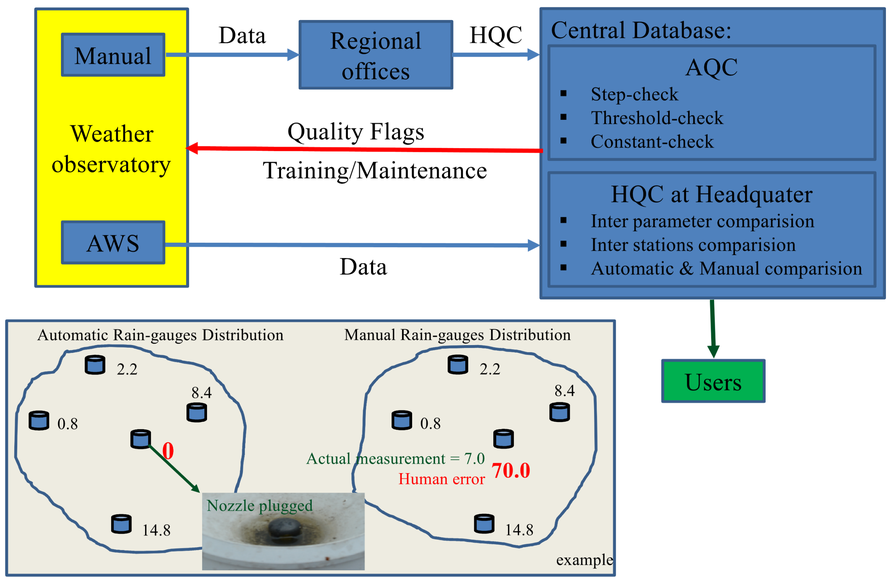
3. Quality management of observation data



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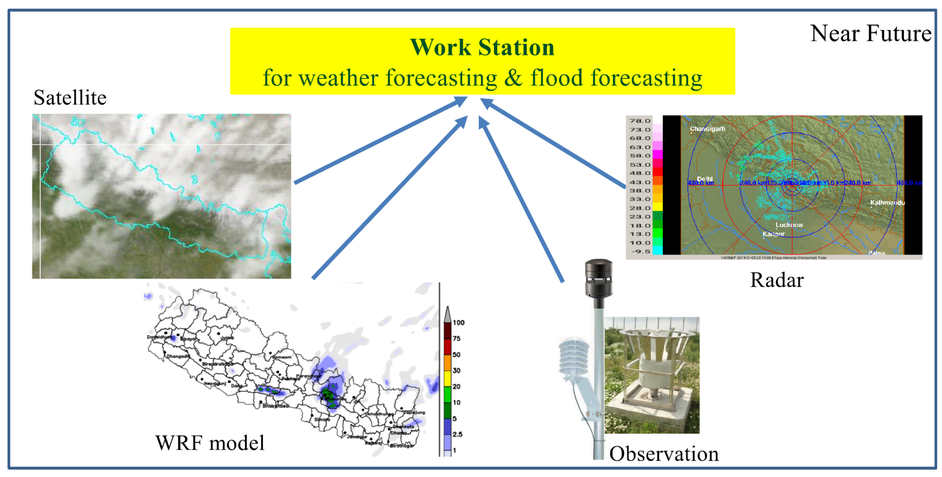
4. Integrated use of observation data

Currently, no integrated use of observation data



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5. Observer/expert training timeline

	1st year	2nd year	3rd year	4th year
New weather observer (part-time observer) : measurement SOP	↔			
On the Job Training by seniors	↔			
Refresher training based on data quality and need		→	→	→
Monitoring observation data in real time at Operation room : 16 synoptic stations (planning)	↔			
Acting to system troubles (instrument section)	→	→	→	
Maintaining observation instruments : weather observer + instrument section	→	→		
Participating in national workshop	→	→	→	→
Participating in international workshop				↔
Lecturing on QMS	↔			

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6. Plan

	2019	2020	2021	2022	2023
Surface observation	Phase-out Hg thermometers				
		Installation of Automatic Raingauges			
		High altitude stations (>3000 m) : one each year			
Data Quality	SOP for data management and quality control				
	Training to staffs on new database				
RADAR	Sustainable use of radar (C-band Dual polarized at Surkhet) and				
	Installation of two more RADARs				
Radiosonde	Kathmandu	Two more places			
Aeronautical stations : on the request of Civil Aviation Authority Nepal	7 → 36 aeronautical stations				
Community Outreach	Awareness in general public and workshops to stake-holders				

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7. Expectation for this workshop

- Knowing how to update on WIGOS and metadata update.
- Getting some materials for lecturing about data quality management of surface observation in my office.
- Making firm relationships between participants to exchange useful information after the workshop.