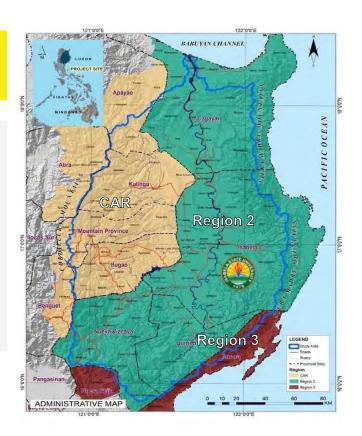
The Cagayan River Basin: Admin. Area

Basin Area = 27,753 sq. km.

15 Sub-Basins

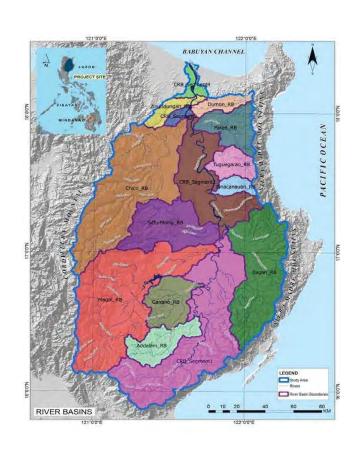
- 3 Regions
- 9 Provinces
- 5 Cities
- 104 Municipalities/Towns
- 2,453 Barangays/Villages



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Cagayan River Basin Sub Basins/Watersheds

Basin Name	Drainage Area (sq.km)
1. AddalamRB	1,047.0
2. GananoRB	1,148.0
3. MagatRB	5,156.1
4. Cag.River(Segment 1)	4,771.1
5. Ilagan RB	3,182.4
6. Siffu-MalligRB	1,976.6
7. PinacanauanRB	335.3
8. Pared RB	1,041.9
9. TuguegaraoRB	666.5
10. Cag.River(Segment 2)	2,432.7
11. Chico RB	4,674.1
12. DumonRB	443.1
13. Cag.River(Segment 3)	176.7
14. ZinundunganRB	418.0
15. Cag.River(Segment 4)	283.2

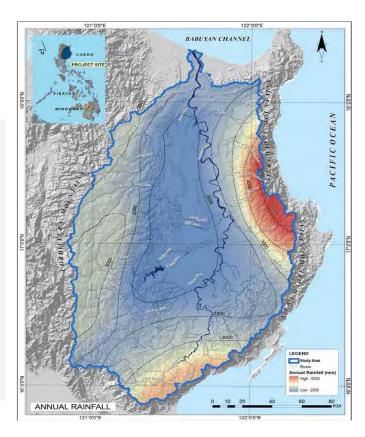


20

CLIMATIC FEATURES

Basin **annual rainfall** varies from less than 2,000 mm in the lowland to more than 4,000 mm in the mountainous areas

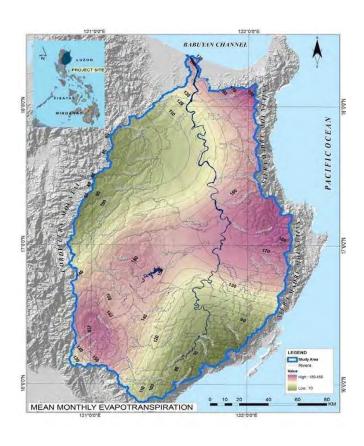
Monthly mean air temperature ranges from 23.1°C in January to 29.0°C in May, and the annual mean air temperature is 26.4°C at Tuguegarao.



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Evapotranspiration

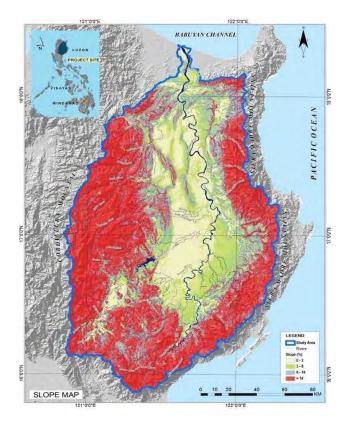
- Maximum evaporation is recorded in April and minimum is in December
- Annual mean daily evaporation was recorded between 3.5 mm at Bontoc (EL. 855 m) and 5.9 mm at Alimanao (EL. 30 m)



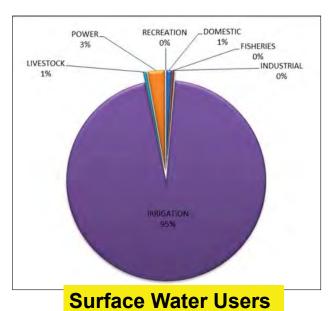
Slope Map

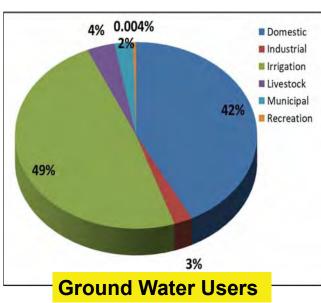
CRB has many sloped areas, with

- 6,600 km² having slope of less than 8%,
- 3,400 km² from 8% to 18%, and
- •17,300 km² over 18%.



23





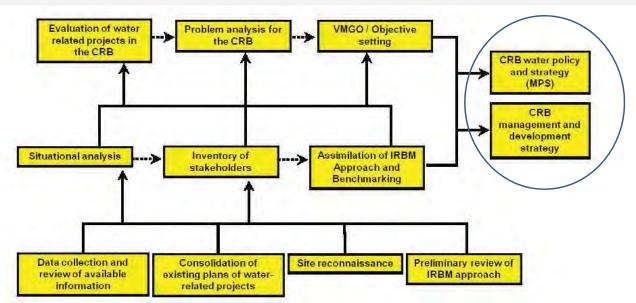
Consumptive Users of Water Resources

Development of 25-year River Basin Masterplan

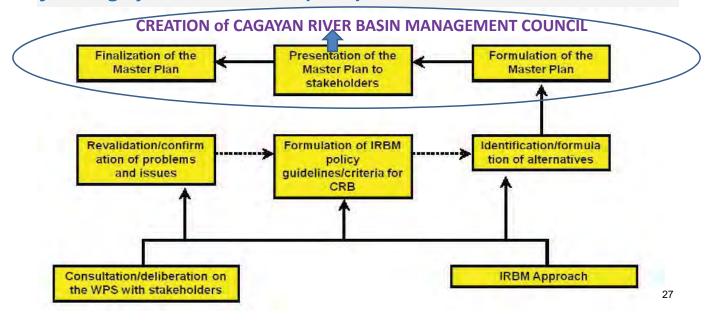
of 18 Major River Basins



River Basin Master Plan Part1: Water Policy and Strategy Formulation for Cagayan River Basin(CRB) – 12 months



River Basin Master Plan Part2: *Plans, Programs, Activities* for Cagayan River Basin(CRB) – 6 months

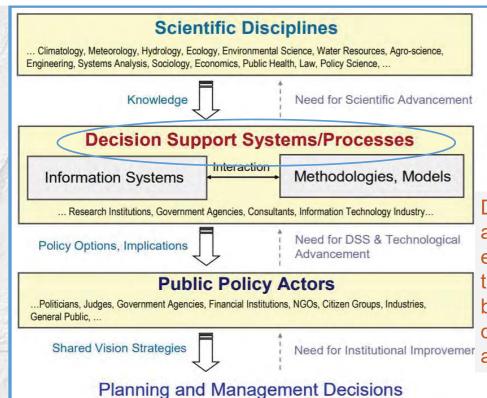


RECWET SEMINAR

Part 3

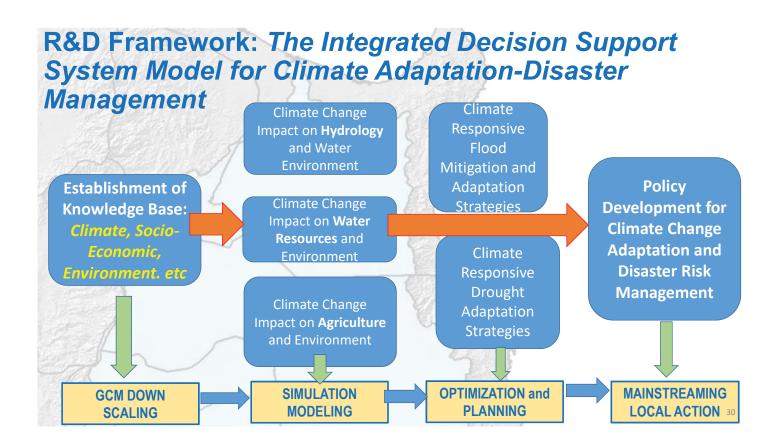
Research and Development (R&D) Integrated Framework: *Knowledge Generation to Policy Development*

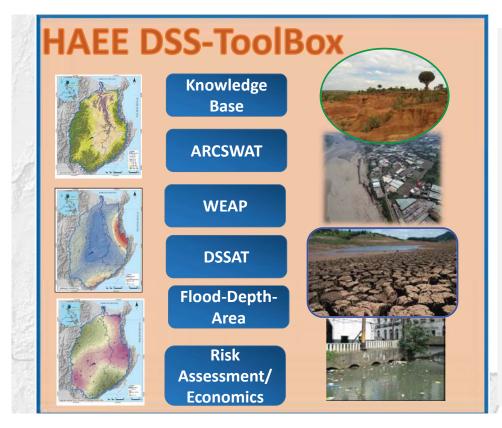




Decision Support Systems(DSS) in relation to IWRM and Management of Water-Related Hazards

Design, development, and use of DSS is an excellent opportunity that thread together a broad range of disciplines, people, and institutions





AgricultureEnvironmentEconomic Model:
Decision Support
System-ToolBox
for Local Climate
Adaptation
Strategies
and Water Hazard
Management for
Cagayan River
Basin