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CONTEXTUALIZING QUANTITATIVE WATER MANAGEMENT IN ARMENIA

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PROCESS OF RBMP DEVELOPMENT IN ARMENIA

- Legal framework
 - Water Code (2001)
 - Law on National Water Policy (2005)
- 6 BMOs
 - 3 RBMPs (Southern, Akhuryan, Ararat) developed, officially adopted, currently undergo the second cycle
 - 2 RBMPs (Sevan, Hrazdan) officially adopted and are being implemented (2022-2027)
 - 1 RBMP (Northern) will be completed in August 2024, official adoption expected by the end of the year

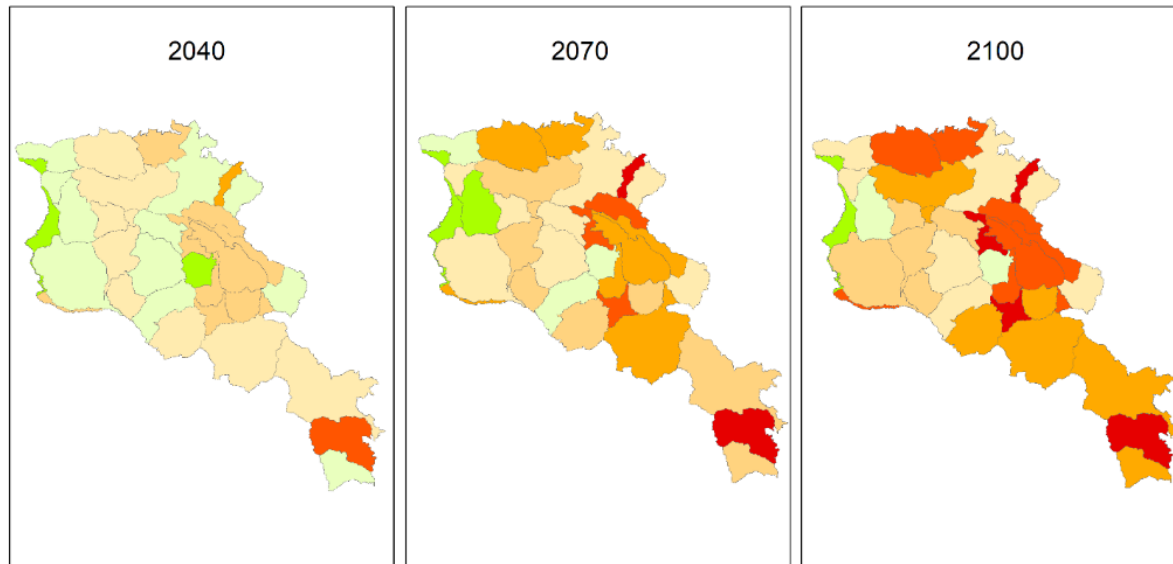




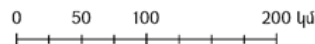
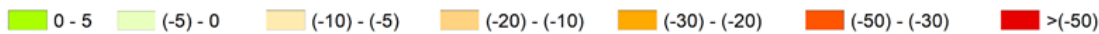
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IMPORTANCE OF QUANTITATIVE MANAGEMENT

- Intensive reservoir construction in the Turkish side of Araks basin (Kars: 232 mln m³, Upper Chirklı: 285 mln m³, Karakurt: 1 billion m³) - likely reduction of Araks River flow by over 50%
- River flow reduction due to climate change, extended irrigation season, increase in crop water requirements



Deviation from 1961-1990 average, %





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QUANTITATIVE MANAGEMENT ASPECTS IN RIVER BASIN MANAGEMENT PLANS

- **Water balance in the river basin district (RBD)**
- **Water resources and reserves in the RBD**
 - Usable water resources
 - Strategic water reserve
 - National water reserve
- **Assessment and analysis of water resources supply and demand in the RBD**
 - Water resources supply according to water resource types
 - Water demand assessment according to water resources types and water use purposes
 - Analysis of changes in water supply and demand, and forecast scenarios
 - Brief summary of the water supply and demand assessment
 - Types of prohibited activities are activities allowed with limitations



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KASAKH QUANTITATIVE WATER RESOURCES MANAGEMENT PLAN

- Pilot exercise to adapt the French experience on quantitative water resources management plan and apply under the Armenian conditions
 - Develop methodological framework for quantitative management plans at sub-basin scale
 - Draw up lessons learned to other priority basins under particular quantitative water stress in Armenia
 - Make corresponding update of the outline of RBMP for future cycles



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THANK YOU FOR YOUR ATTENTION

