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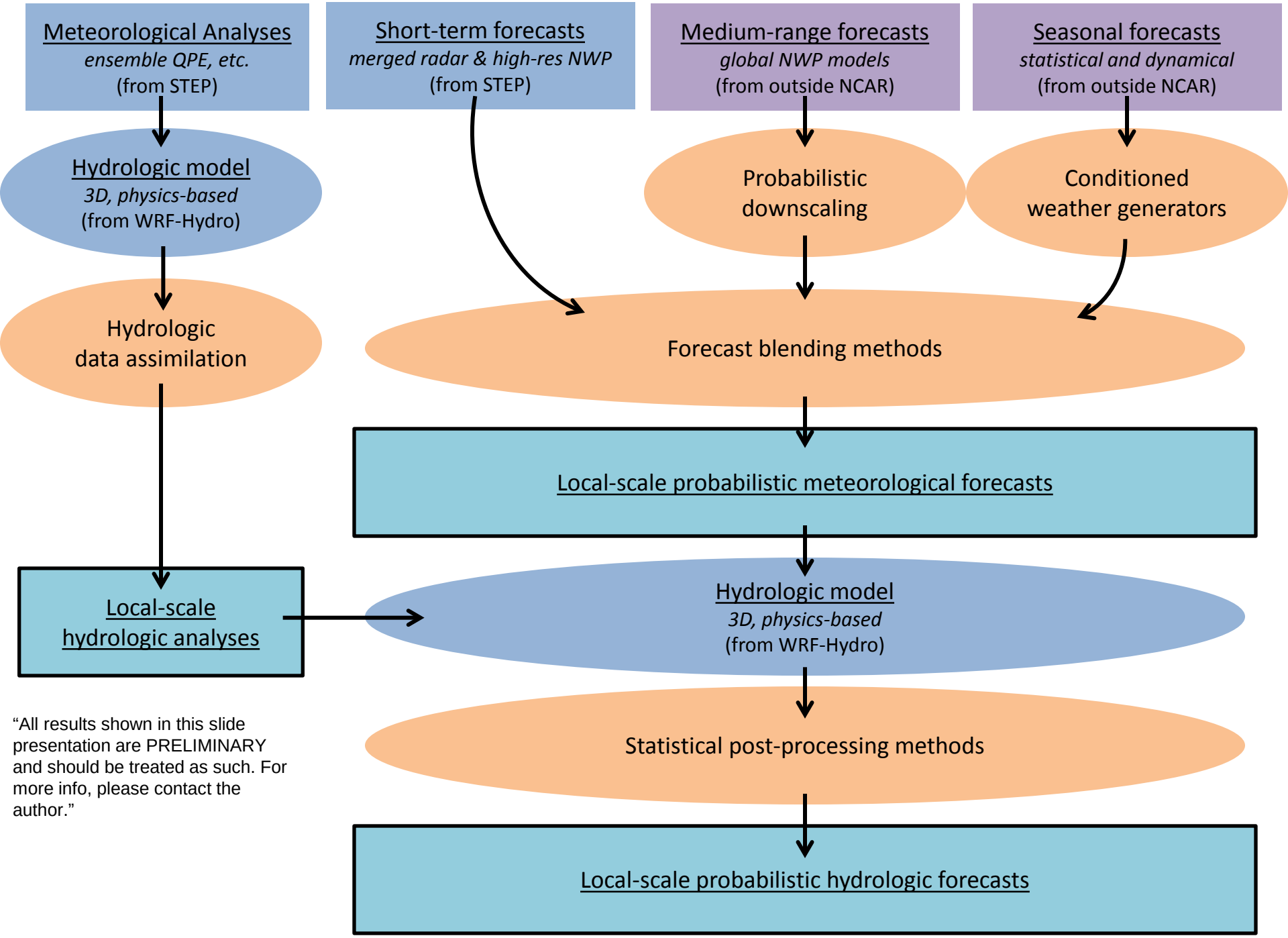
New Project

- The BoR and USACE are conducting a user needs assessment, to evaluate the use of (and need for) hydrologic monitoring and prediction products
- Desire to overlay assessment of needs with assessment of possibilities to improve streamflow predictions
- Work planned
  - Assess performance of current hydrologic models used by the NWS, and assess dependence of model performance on
    - *Physical characteristics of the basins (climate, vegetation, soils, topography)*
    - *Reliability of quantitative precipitation estimates (e.g., station density, radar)*
  - Assess the relative importance of hydrologic and meteorological/ climatological information in determining forecast skill
  - Conduct research to improve estimates of uncertainty
    - *During model spin-up*
    - *During the forecast period*
  - Conduct research to reduce forecast uncertainty
    - *Better hydrologic models*
    - *Better weather forecasts and climate outlooks*
    - *Adoption of hydrologic data assimilation methods and statistical post-processing methods*
  - Examine impact of different sources of uncertainty in water management decisions



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